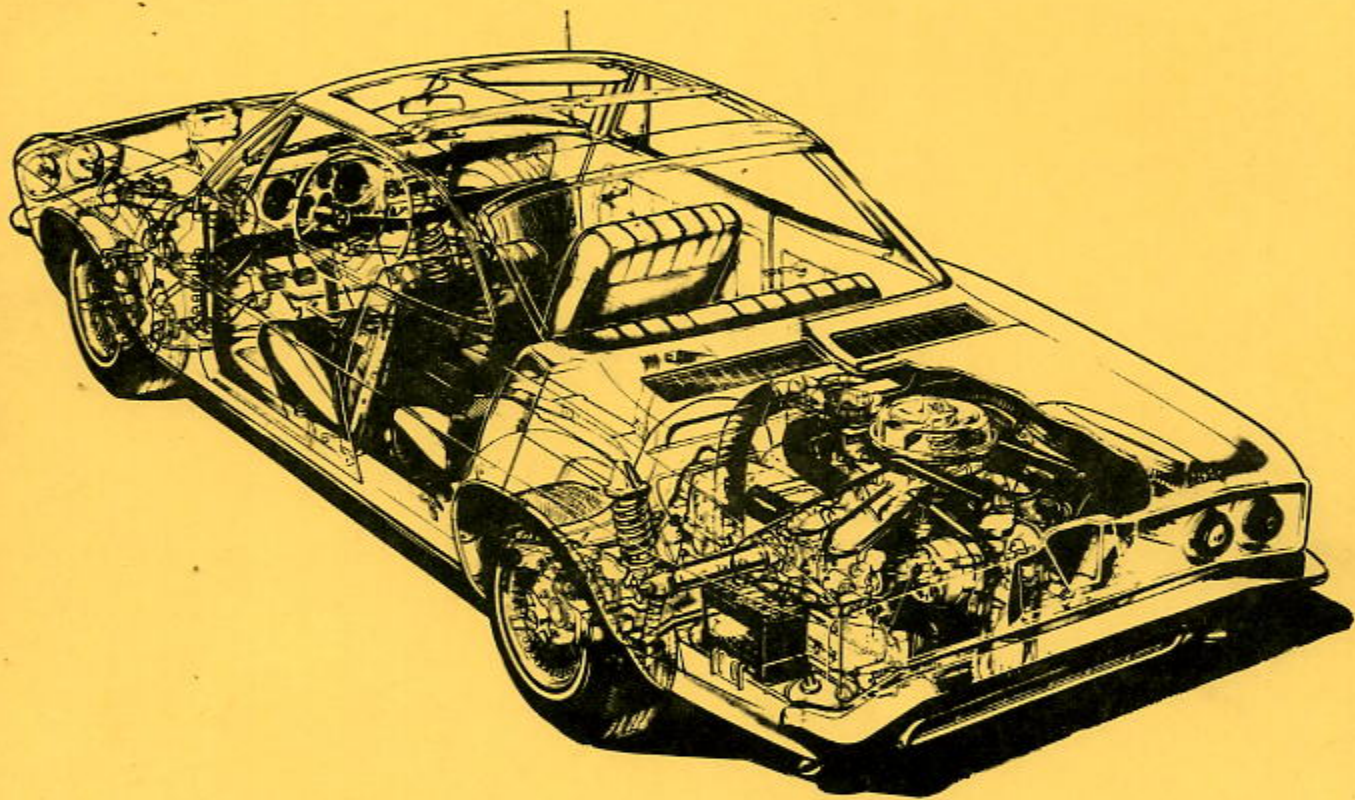


ASSEMBLY MANUAL



**1965
CORVAIR**

C7315

INTRODUCTION

THIS INSTRUCTION MANUAL ILLUSTRATES THE OPERATIONS REQUIRED FOR THE FINAL ASSEMBLY OF THE VEHICLE.

SECTION 0

THE MANUAL IS ARRANGED IN SECTIONS CORRESPONDING AS CLOSELY AS PRACTICABLE TO THE WIPROX PARTS CLASSIFICATION (U.P.C.) GROUPS TO WHICH THE COMPONENT PARTS AND ASSEMBLIES ARE ASSIGNED AT THE POINT OF RELEASE. CERTAIN SECTIONS HAVE BEEN SUB-DIVIDED INTO AREAS OF ASSEMBLY WHICH ARE DETERMINED BY THE PHYSICAL LOCATION OF THE PARTS IN THE VEHICLE. THESE SUB-SECTIONS ARE IDENTIFIED BY A LETTER PRECEDING THE SHEET NUMBER. (REFER TO THE GENERAL INDEX SHEET FOR PRODUCT, SECTION AND SUB-SECTION USAGE.)

A SECTION CONTENTS SHEET IS PROVIDED AT THE BEGINNING OF EACH SECTION WHERE WARRANTED. SECTIONS 11-12 ARE COMBINED INTO A SINGLE SECTION.

GENERAL INFORMATION

AVAILABLE TO FOLLOW THE PRODUCTION SECTIONS.

OTHERS WITH TERMS VARYING IN ASSEMBLY FROM REGULAR PRODUCTION ARE IDENTIFIED BY THE WORD "ALTERNATE" IN THE TITLE OF THE SHEET.

You will note that each section is divided by a cover sheet. You may want to consider purchasing some index tab sheets to help easily identify each section.

AN OTHER IN WHICH ALL SHEETS ARE IDENTIFIED BY THE WORD "ALTERNATE" IN THE TITLE OF THE SHEET.

Some sheets may appear to be duplicates.

Often there was simply a part number change.

WE HAVE INCLUDED ALL SHEETS THAT WE WERE ABLE TO GET FOR ANY ONE YEAR.

THIS MANUAL HAS BEEN DESIGNED TO EXPEDITE THE LATEST ASSEMBLY INFORMATION TO THE USER. IT IS IMPERATIVE THAT ADDITIONS AND REVISIONS BE INSERTED IN THEIR PROPER PLACES AND THAT OBSOLETE SHEETS BE REMOVED.

SECTION CONTENTS

SECTION	TITLE	SHEET	TITLE	SHEET
1	INTRODUCTION	1	GENERAL INFORMATION	1
1	GENERAL INDEX	1	GENERAL INFORMATION	1
2		2		
3		3		

SECTION	TITLE	SHEET	TITLE	SHEET
1	INTRODUCTION	1	GENERAL INFORMATION	1
1	GENERAL INDEX	1	GENERAL INFORMATION	1
2		2		
3		3		



INTRODUCTION

THIS INSTRUCTION MANUAL ILLUSTRATES THE OPERATIONS REQUIRED FOR THE FINAL ASSEMBLY OF THE VEHICLE.

THE MANUAL IS ARRANGED IN SECTIONS CORRESPONDING AS CLOSELY AS PRACTICABLE TO THE UNIFORM PARTS CLASSIFICATION (U. P. C.) GROUPS TO WHICH THE COMPONENT PARTS AND ASSEMBLIES ARE ASSIGNED AT THE POINT OF RELEASE. CERTAIN SECTIONS HAVE BEEN SUB-DIVIDED INTO AREAS OF ASSEMBLY WHICH ARE DETERMINED BY THE PHYSICAL LOCATION OF THE PARTS IN THE VEHICLE. THESE SUB-SECTIONS ARE IDENTIFIED BY A LETTER PREFACING THE SHEET NUMBER. (SHEET B2.00 FOR EXAMPLE.) REFER TO THE GENERAL INDEX SHEET FOR PRODUCTION SECTION AND SUB-SECTION USAGE.

A SECTION CONTENTS SHEET IS PROVIDED AT THE BEGINNING OF EACH SECTION, WHERE WARRANTED. SECTIONS 11-13 ARE COMBINED INTO A SINGLE SECTION.

AN OPTION INDEX OF ALL REGULAR PRODUCTION OPTIONS (R. P. O.) CURRENTLY AVAILABLE FOLLOWS THE PRODUCTION SECTIONS.

OPTIONS WITH ITEMS VARYING IN ASSEMBLY FROM REGULAR PRODUCTION ARE ILLUSTRATED. ITEMS LISTED WITHIN ILLUSTRATED OPTIONS AND INSTALLED THE SAME AS REGULAR PRODUCTION ARE INDICATED BY A SYMBOL (SEE GENERAL INFORMATION SHEET). A CHART NUMBER WHEN AVAILABLE, WILL BE USED TO INDICATE PART DIFFERENCES DUE TO COLOR IN AN ILLUSTRATED OPTION.

AN OPTION IN WHICH ALL ITEMS ARE ASSEMBLED THE SAME AS REGULAR PRODUCTION OR THE SAME AS A RELATED OPTION, ARE LISTED IN THE OPTION INDEX ONLY AND ARE CROSS REFERENCED TO A RELATED INSTALLATION WHERE APPLICABLE.

ANY OPTION RELATING TO TIRES OR COLORS, RELEASED FOR CKD BLOOMFIELD, OR FURNISHED BY FISHER BODY IS LISTED IN THE OPTION INDEX ONLY.

NOTE This manual has been designed to expedite the latest assembly information to the user. It is imperative that additions and revisions be inserted in their proper places and that superseded sheets be removed.

SECTION CONTENTS

<u>SHEET</u>	<u>TITLE</u>	<u>SHEET</u>	<u>TITLE</u>
1.	INTRODUCTION	4.	GENERAL INFORMATION
2.	GENERAL INDEX	① 4.5	GENERAL INSTRUCTIONS
		5.	
3.	GENERAL INFORMATION	6.	STAPLING INSTRUCTIONS

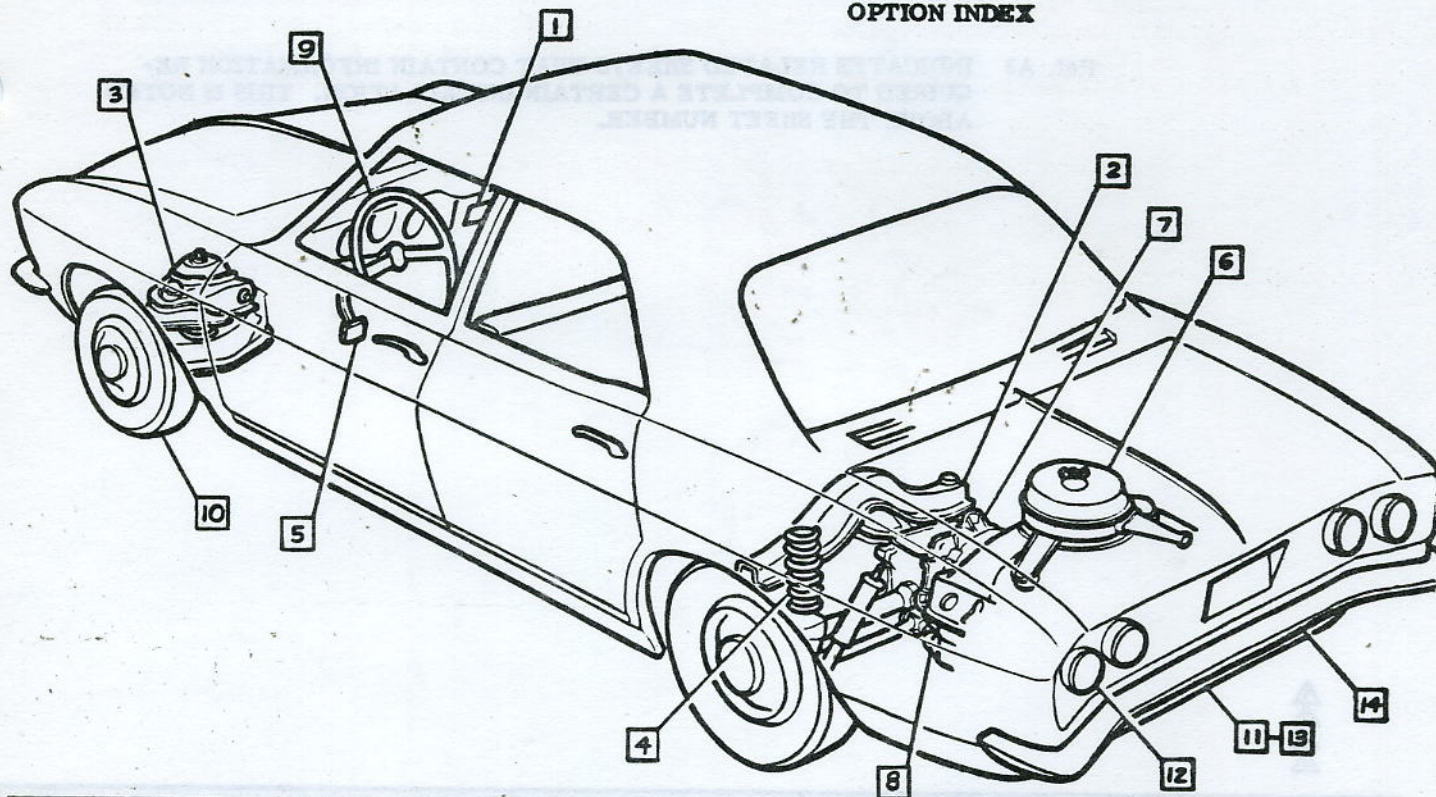
♦ CHEVROLET MOTOR DIVISION, GMC ♦		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
INTRODUCTION		0	12-1-64	1	SHEET 4.5 ADDED	20597	DP	HTD
10000		1.						
DWG PREL 2-24	DP	REF: Prel. 1	L-	L-				
DATE REL 2-24	HB	L-	L-	L-				
		<input type="checkbox"/> SHEET						



- UPC.**
- 0** GENERAL INFORMATION
- 1** ASSEMBLY
 - A. INSTRUMENT PANEL AREA
 - B. DASH PANEL ASM
 - C. BODY COMPLETE
- 2** FRAME
- 3** FRONT SUSPENSION
- 4** REAR SUSPENSION
 - A. DRIVE LINE
 - B. SUSPENSION
- 5** BRAKES
 - A. CYLINDER MOUNTING & LEVER
 - B. PIPES
 - C. PARKING
- 6** ENGINES
 - A. BELT TRAINS
 - B. COOLING, ELECTRICAL & MOUNTING
 - C. CARBURETION & EXHAUST
 - D. CONTROLS

- UPC.**
- 7** TRANSMISSION
 - B. FLOOR MOUNTED CONTROLS
 - C. CLUTCH
- 8** FUEL & EXHAUST
 - A. EXHAUST SYSTEM
 - B. FUEL SYSTEM
- 9** STEERING
- 10** WHEELS & TIRES
- 11-13** SHEET METAL-RADIATOR & GRILLE
 - A. INNER PANELS
 - B. OUTER PANELS
- 12** ELECTRICAL
 - A. ENGINE
 - B. INSTRUMENT PANEL
 - C. BODY
 - D. DIAGRAMS & ALTERNATIONS
- 14** BUMPERS & MISCELLANEOUS
 - A. FRONT BUMPERS
 - B. REAR BUMPERS
 - C. STOWAGE, MISC. & LUBES

OPTION INDEX



CHEVROLET MOTOR DIVISION, GM CO.		UPC	DATE	SYM	REVISION RECORD	AUTL	DE	CK
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DWG/PREL. 5-8	REF: Prel. 6	L-	L-					
DATE REL 5-8		L-	L-					
		<input checked="" type="checkbox"/> SHEET						



MODELS

SHEETS DESIGNATED 10000 REPRESENT ALL MODELS RELEASED FOR PRODUCTION.

SYMBOLS



INDICATES CROSS REFERENCING OF PART NUMBERS OR NOTES.



INDICATES TORQUE.



INDICATES A REVISION.



INDICATES OPTIONAL PARTS THAT INSTALL THE SAME AS REGULAR PRODUCTION.



INDICATES APPLIED MATERIALS - ITEMIZED IN UPC 14. NUMERICAL (1) REPRESENTS A CERTAIN MATERIAL. SMALL LETTER (a) REPRESENTS USAGE.



INDICATES APPLIED MATERIALS - ITEMIZED IN UPC 14. SPECIFIC QUANTITIES & USAGE SHOWN IN THE AREAS OF APPLICATION.

Ref. A3

INDICATES RELATED SHEETS THAT CONTAIN INFORMATION REQUIRED TO COMPLETE A CERTAIN INSTALLATION. THIS IS NOTED ABOVE THE SHEET NUMBER.



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CR
GENERAL INFORMATION				0						
10000				3.						
DWG PREL 3-4	DP	REF: Prel. 2	L-	L-						
DATE REL. 3-4		L-	L-	L-						
				SHEET	X					



QUANTITY

QUANTITY WHEN SHOWN, REPRESENTS FULL AMOUNT PER VEHICLE FOR USAGE INDICATED.
QUANTITY OF STAPLES REPRESENTS NUMBER REQUIRED PER PART.

MISCELLANEOUS SHIPPING LIST

PERTAINS TO LOOSE ITEMS SHIPPED WITH VEHICLE FROM ASSEMBLY PLANTS - ITEMIZED IN UPC 14.

ATTACHING PARTS

THE INSTALLATION OF ALL ATTACHING PARTS IS SHOWN IN DESIGN POSITION & SHOULD BE ADHERED TO WHEREVER POSSIBLE. BOLT, NUT ASSEMBLIES & STAPLES MAY BE INSTALLED FROM EITHER DIRECTION UNLESS OTHERWISE SPECIFIED. THE TORQUE SYMBOL IS SHOWN ADJACENT TO THE DRIVEN PART AND THE MATING THREADED FASTENER MUST NOT MOVE DURING THE APPLICATION OF THE SPECIFIED TORQUE.

IT IS RECOMMENDED THAT TORQUE PREVAILING LOCK NUTS BE DRIVEN WITH AIR STALL TOOLS AT SPEEDS SLOWER THAN 350 R. P. M. THIS WILL PREVENT POSSIBLE GALLING OR DAMAGE TO THE LOCKING FEATURES.

FLUID CARRYING PIPES

PIPES CARRYING FLUIDS SUCH AS GASOLINE, OIL, BRAKE FLUID, ETC., MUST BE FREE OF ALL INCLUSIONS PRIOR TO INSTALLATION.

CLEARANCE DIMENSIONS

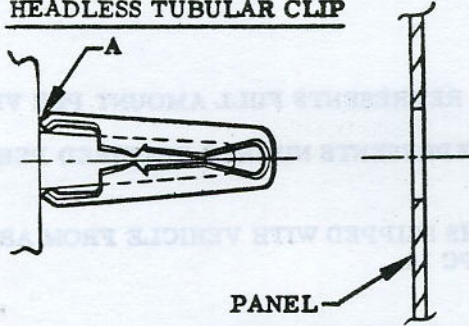
DIMENSIONS SHOWN ARE NOMINAL UNLESS OTHERWISE SPECIFIED.

① LUBRICANT GREASE

LUBRICATION OPERATIONS ON ALL AFFECTED PARTS (e. g. SWIVELS, RODS, BUSHINGS, BOLTS, OR SHAFTS) MUST BE ACCOMPLISHED PRIOR TO SUB-ASSEMBLY, EXCEPT FOR ITEMS INCORPORATING LUBRICATION FITTINGS.

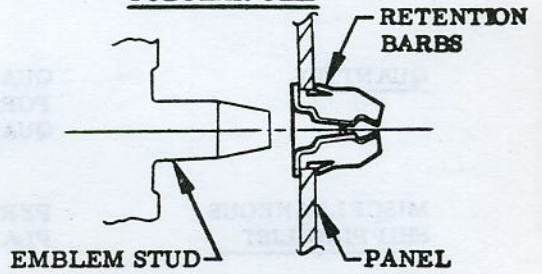
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10000				4.						
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DATE REL 3-27	HB	L- L-	L- L-							

HEADLESS TUBULAR CLIP



Install headless tubular clip on emblem stud so that clip contacts emblem as shown at point A, then push into hole in panel.

TUBULAR CLIP



Install tubular clip in hole in panel so that retention bars are engaged on back of panel, then push stud into clip until back of emblem contacts panel.



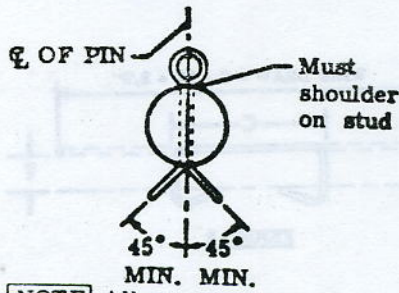
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DATE Rel. 11-20	JHS	L- L-	L-	X						



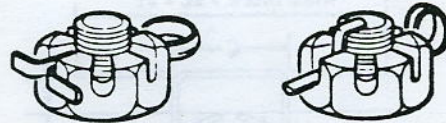
REVEALED

ASSEMBLY INSTRUCTIONS

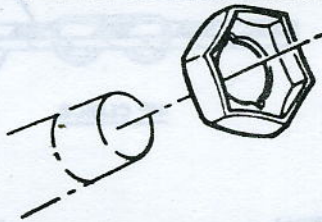
3862100 CORVAIR 10000 SERIES



NOTE All cotter pins must be secured by spreading each leg away from the centerline of the pin not less than 45°.

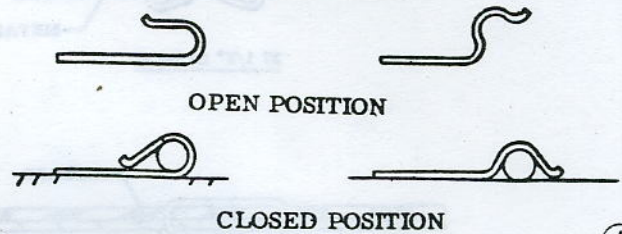


NOTE When castellated nuts & cotter pins are used together, torque nut as specified & then tighten to next notch for insertion of cotter pin except when otherwise specified. Cotter pin may be installed in either position shown but must be tight to prevent rotation or looseness.

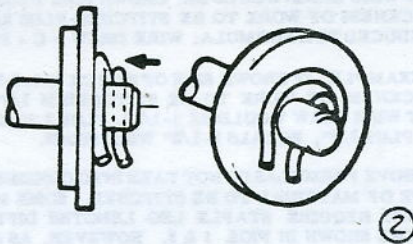


NOTE Assemble all type "MB stamped nuts" with open end up.

CAUTION If nut is assembled with open end down, it will strip mating stud before proper installation torque is obtained.



NOTE All non-hardened steel clips are to be clinched closed after wires, tubes or bowden cables are installed. ①



NOTE All special retainers must be installed as shown to provide end load in direction of arrow.

CHEVROLET MOTOR DIVISION, GM CO.				UPC	DATE	SYN	REVISION	RECORD	AUTH.	DR	CK
GENERAL INSTRUCTIONS				0			1	CLIP NOTE ADDED	65592	DP	HS
							2	LEG NOTE REMOVED	65592	DP	HS
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DATE REL 3-20			L- L-								
				SHEET							

STAPLING

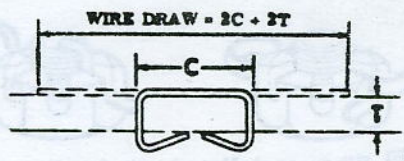


FIGURE 1

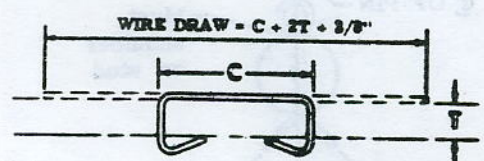


FIGURE 2

C = CROWN SIZE
T = THICKNESS OF WORK



37 1/2° CLINCH



45° CLINCH



FLAT CLINCH



37 1/2° CLINCH SHOWN - 45° & FLAT CLINCH TYPICAL

NOTE STAPLES MUST NOT BE COUNTERSUNK IN THE RUBBER MORE THAN TWICE THE DIAMETER OF THE STAPLE WIRE TO AVOID TEARING RUBBER.

IN ORDER TO INSURE QUALITY STITCHING IT IS ESSENTIAL THAT THE WIRE DRAW (AMOUNT OF WIRE FED FOR EACH STITCH) BE THE CORRECT LENGTH FOR THE WORK TO BE STITCHED. THE LENGTH OF THE WIRE DRAW IS DEPENDENT UPON THE CROWN SIZE OF THE STAPLE TO BE USED AND THE THICKNESS OF THE WORK TO BE STITCHED.

AS A GENERAL RULE, STITCHES HAVING A CROWN WIDTH SIZE WITHIN THE RANGE OF .175 THROUGH .50 SHOULD HAVE SUFFICIENT WIRE DRAW SO THAT THE CLINCHED LEGS OF THE STAPLE JUST ABOUT MEET. (SEE FIG. 1). FOR STITCHES IN THIS RANGE OF CROWN SIZES THE CORRECT LENGTH OF WIRE DRAW WOULD BE: TWICE THE CROWN SIZE PLUS TWICE THE THICKNESS OF WORK TO BE STITCHED OR, WHEN REDUCED TO A FORMULA: WIRE DRAW = 2C + 2T.

FOR EXAMPLE: IF CROWN SIZE OF STITCH IS 7/16" AND THE THICKNESS OF WORK TO BE STITCHED IS 3/16", 2 TIMES 7/16" (OR 7/8") PLUS 2 TIMES 3/16" (OR 3/8"), EQUALS 1-1/4" WIRE DRAW.

STITCHES HAVING CROWN SIZES GREATER THAN .50 SHOULD HAVE SUFFICIENT WIRE DRAW SO THAT EACH

CLINCHED LEG OF THE STAPLE IS 3/16" IN LENGTH. (SEE FIG. 2). FOR STITCHES IN THIS RANGE OF CROWN SIZES THE CORRECT WIRE DRAW WOULD BE: CROWN SIZE PLUS TWICE THE THICKNESS OF WORK TO BE STITCHED PLUS 3/8", OR WHEN REDUCED TO A FORMULA: WIRE DRAW = C + 2T + 3/8".

FOR EXAMPLE: IF CROWN SIZE OF STITCH IS 1-1/8" AND THE THICKNESS OF WORK TO BE STITCHED IS 1/2", THE CORRECT WIRE DRAW WOULD BE 1-1/8", PLUS 2 TIMES 1/2", (OR 1"), PLUS 3/8", EQUALS 2-1/2" WIRE DRAW.

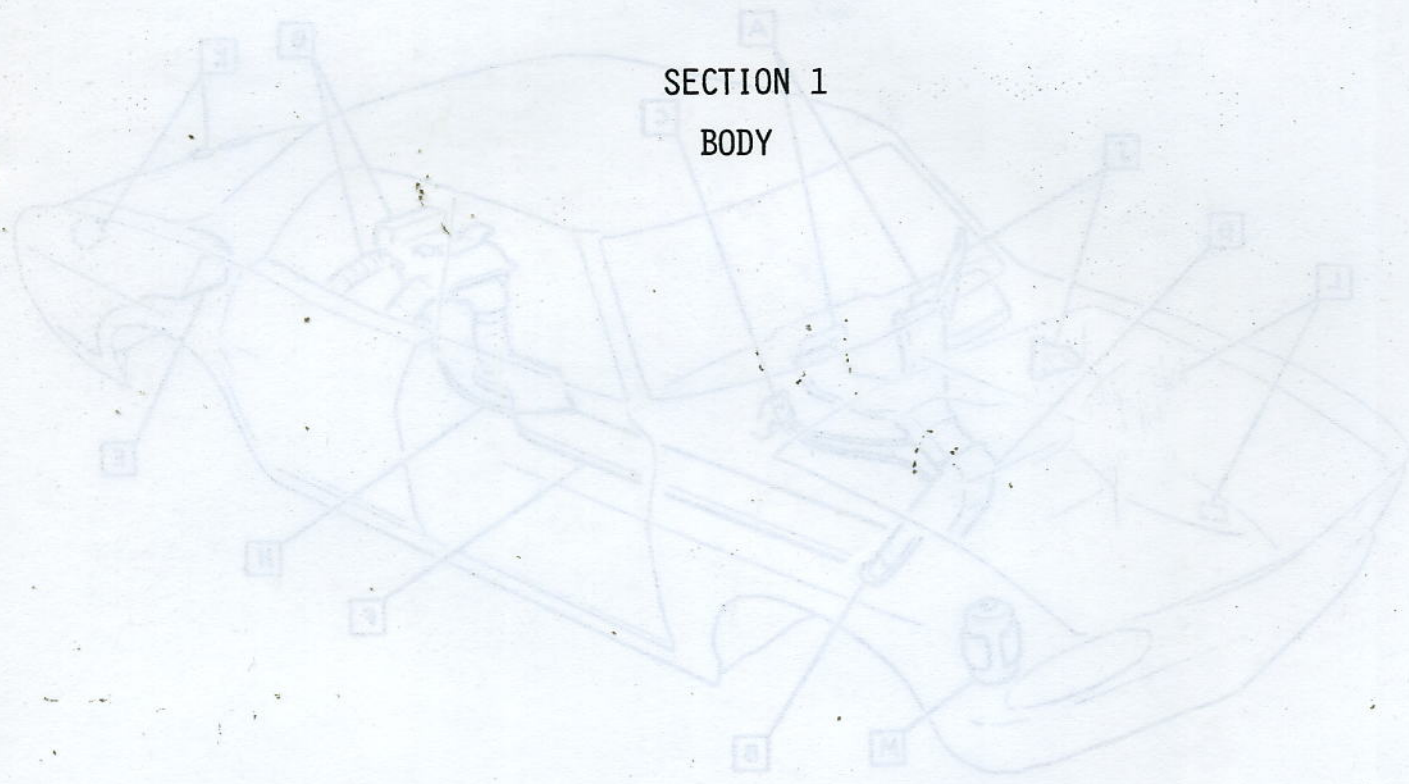
THE ABOVE FORMULAS DO NOT TAKE INTO CONSIDERATION THE TYPE OF MATERIAL TO BE STITCHED. SOME MATERIALS MIGHT REQUIRE STAPLE LEG LENGTHS DIFFERENT THAN THOSE SHOWN IN FIGS. 1 & 2. HOWEVER, AS A GENERAL RULE THE FORMULA GIVEN IN FIG. 1 CAN BE USED FOR STITCHES HAVING CROWN SIZE WITHIN THE RANGE OF .175 THROUGH .50, WHILE THE FORMULA GIVEN IN FIG. 2 CAN BE USED FOR STITCHES HAVING CROWN SIZES GREATER THAN .50.

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
STAPLING INSTRUCTIONS				0						
10000				6.						
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DATE REL 3-13		L-	L-	L-						
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SHEET	TITLE	REF	QTY
A1	COMMENTS		
A2	ASH TRAY & RADIO HOLE COVER		
A3	INT PANEL COMPARTMENT		
A4	TOP PANEL TUNNEL COVER		
A5	CLAMP & SEAL		
A6	HEATER CONTROL ARM		
A7	BEFORE DUCTS		
A8	FRONT HEATER DUCT & VALVE ASM		
A9	INSULATOR-ENG COMPIT SIDE		
A10	CABLE CONTROL ADJUSTMENT		
B1	SEAL DUCT ASM		
B2	BLOWER & AIR INLET ASM		
B3	HEATER HOSE CONNECTOR		
B4	HEATER HOSES		
B5	HEATER CONTROL CABLE		
C1	W/3 WIPER LINKAGE & MOTOR ASM	J	
C2	W/3 WIPER BLADES & SWITCH ASM	K	
C3	W/3 WIPER BATTERY	L	
C4	BODY BRACKETS & BACKING	M	
C5	LAMP COVER	N	
C6	MARKING FOR UNDERCOATING & WOOD FILLER PANEL	O	
C7	UNDERCOATING	P	
C8	BODY DAMPENER ASSEMBLIES	Q	

The following parts are released by Chevrolet & installed by Fisher Body
 1884388 VALVE ASM
 9418228 SCREW

SECTION 1
 BODY



QTY	DESCRIPTION	REF	DATE	BY
1	1 SHEET AS ADDED			
1	2 SHEET AS ADDED			
1	1 SHEET AS ADDED			



SHEET

TITLE

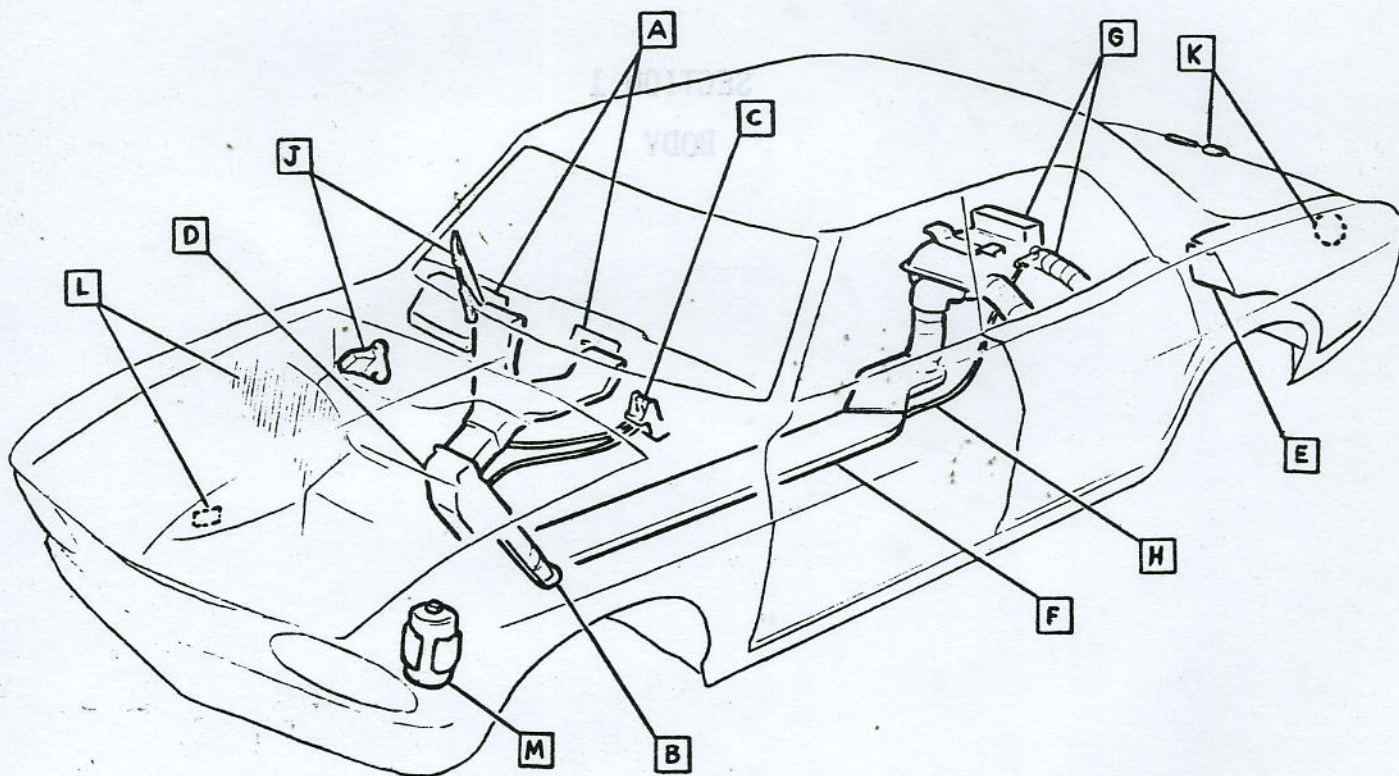
SHEET

TITLE

- A1. CONTENTS
- A** A2. ASH TRAY & RADIO HOLE COVER
- A3. INST PANEL COMPARTMENT
- B** A4. TOE PANEL TUNNEL COVER, CLAMP & SEAL.
- C** A5. HEATER CONTROL ASM
- D** A6. DEFROSTER DUCTS
- A7. FRONT HEATER DUCT & VALVE ASM
- 1** **E** A8. INSULATOR-ENG COMPT SIDE
- 3** A9. CABLE CONTROL ADJUSTMENT
- F** B1. REAR DUCT ASM
- G** B2. BLOWER & AIR INLET ASM
- B3. HEATER HOSE CONNECTOR
- B4. HEATER HOSES
- H** B5. HEATER CONTROL CABLES

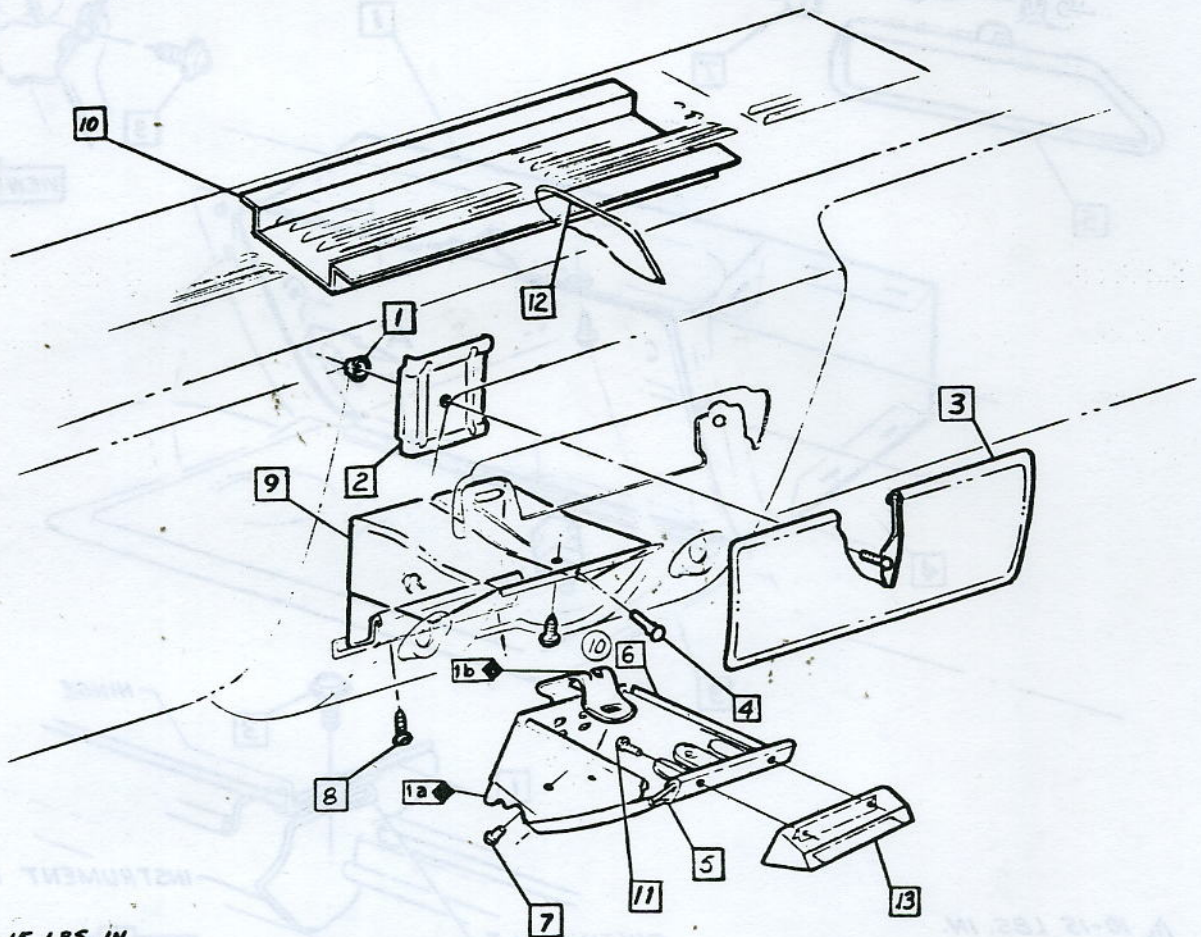
- J** B6. W/S WIPER LINKAGE & MOTOR ASM
- B7. W/S WIPER BLADES & SWITCH ASM
- B8. W/S WIPER PATTERN
- K** C1. BODY EMBLEMS & BACKING LAMP COVER
- L** C2. MASKING FOR UNDERCOATING & FLOOR FILLER PANEL
- C3. UNDERCOATING
- 2** **M** C4. BODY DAMPENER ASSEMBLIES

The following parts are released by Chevrolet & installed by Fisher Body
 3854696 VALVE ASM
 9419329 SCREW



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CONTENTS - BODY		1	8-12-64	1	SHEET A8. ADDED	64127	CC	
10000		A1.		2	SHEET C4. ADDED	65477		DE
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DATE REL 5-55	CMC							
REF: Prod. A1	L-	L-	L-					
	L-	L-	L-					

- | | | | | | |
|-----|---------|---------------|--------|---------|---|
| ▲ 1 | 9420571 | NUT | 7 | 213516 | RIVET |
| 2 | 3859219 | RETAINER | ▲ 8 | 9419858 | SCREW |
| 3 | 3857366 | COVER ASM. | 9 | 3857238 | RETAINER |
| 4 | 3840218 | BUMPER | 10 | 3876962 | COVER |
| ⑧ 5 | 3882999 | FACE PLATE | 9 2 11 | 9422245 | SCREW |
| 6 | 3857236 | ASH TRAY ASM. | 12 | 3857962 | CEMENT-ADHESIVE
(.20 gal./1000 jobs) |
| | | | 13 | 3883562 | HANDLE |

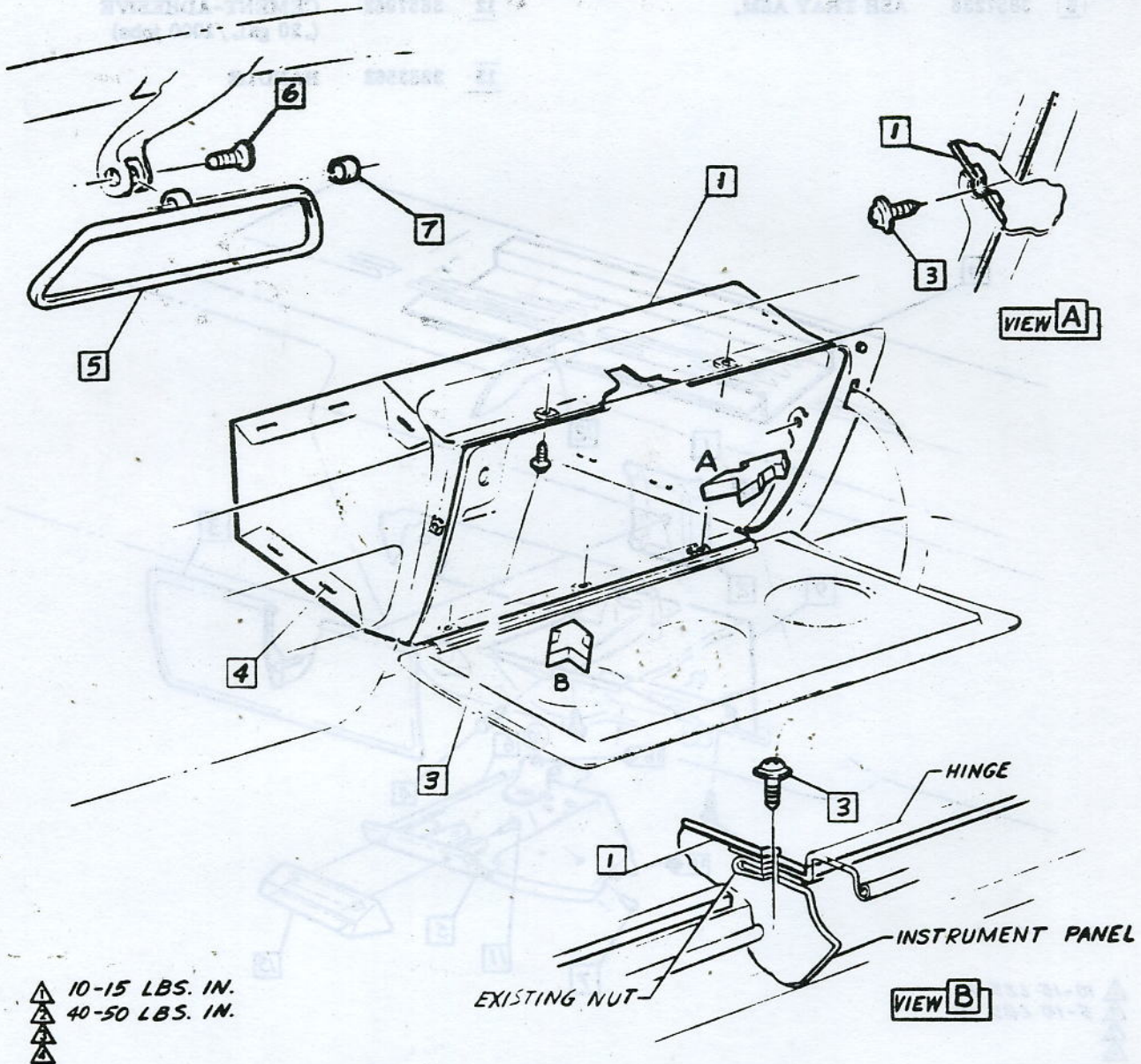


▲ 10-15 LBS. IN.
▲ 5-10 LBS. IN.
▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
ASH TRAY & RADIO HOLE COVER		1	3-31-65	2	REPLACES LATER DRAWING REVISED	TOLSON		
10000		A2.		3	ITEMS 11, 13 TORQUE ADDED			
DWG. PREL. 1-22 66/CC REF: Prel. A3 L-73380 L-73057		☒ SHEET		10	ASH TRAY DRAWING REVISED			CI
DATE REL. 5-15 L- L- L-								

- 1 3852933 COMPARTMENT ASM
- ① 2
- △ 3 9421112 SCREW
- 4 9985028 STAPLE WIRE (10 IN. PER JOB)

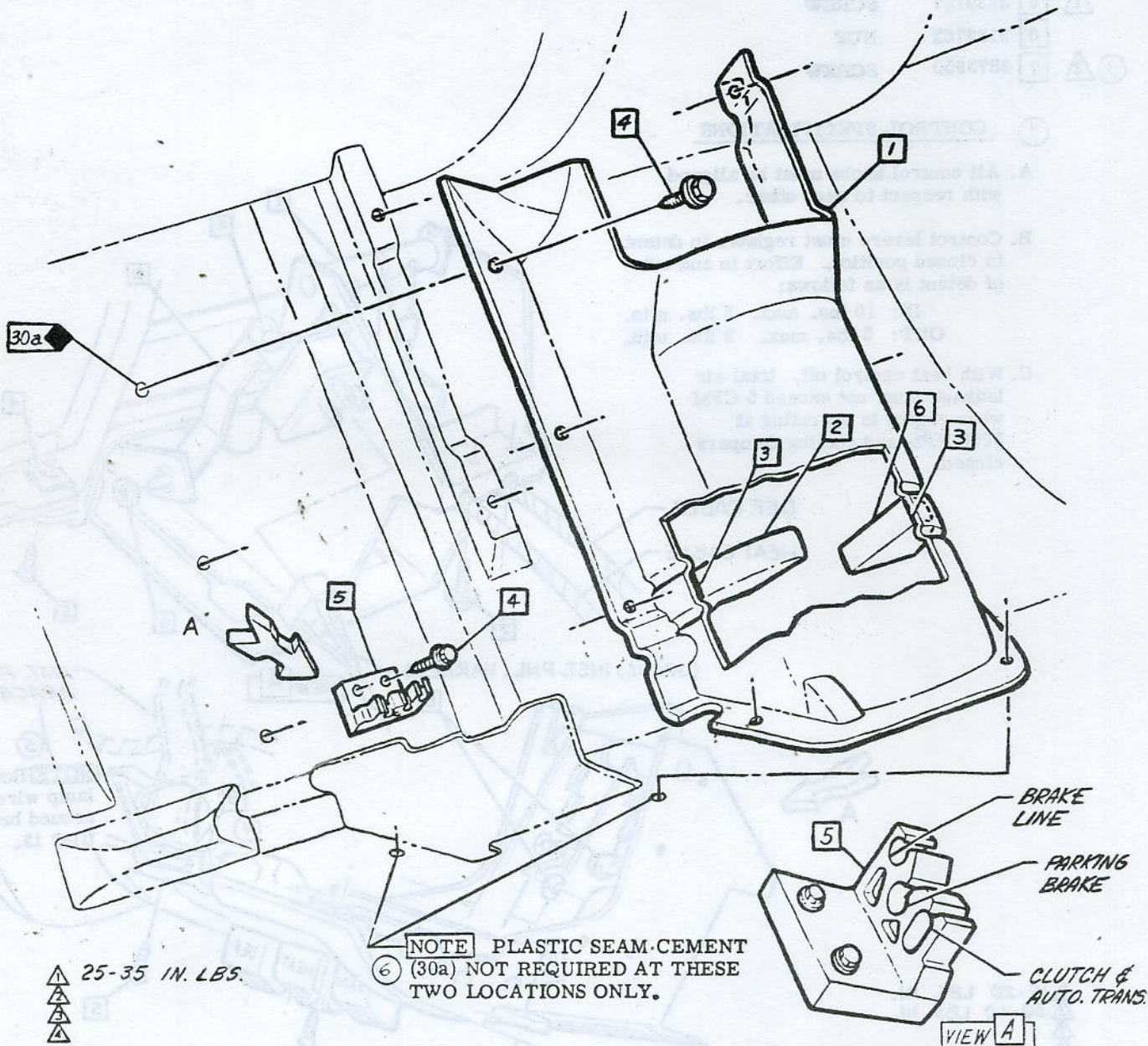
- 899769 MIRROR ASM 10100-300
- 3849569 OPT
- 910453 10500-700
- 3849571 OPT
- △ 6 565842 SCREW
- 7 565801 BUSHING



△ 10-15 LBS. IN.
 △ 40-50 LBS. IN.
 △
 △

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
INSTRUMENT PANEL COMPARTMENT		1	9-25-64	1	9420748 & 9420749 OPT	15839	CC	
10000		A3.			NUT REMOVED			DF
DWG PREL. 2-10	KB/CC	REF: Prel. A4	L-72862	L-				
DATE REL 5-18		L-	L-	L-				
		SHEET X						

- | | | | | | | | | |
|---|---------|---|---|---|---------|---------------------|---------|-------|
| 1 | 3857221 | TUNNEL-TOE PAN | 7 | 5 | 1 | 4 | 9423909 | SCREW |
| 2 | 3858770 | SEAL L.H. ② ③ | 1 | 5 | 3858771 | CLAMP-MULTIPLE TUBE | | |
| 3 | 9981098 | CEMENT-APPROX .02 OZ
SEALS TO TUNNEL TOE PAN | 4 | 6 | 3869870 | SEAL R.H. | | |

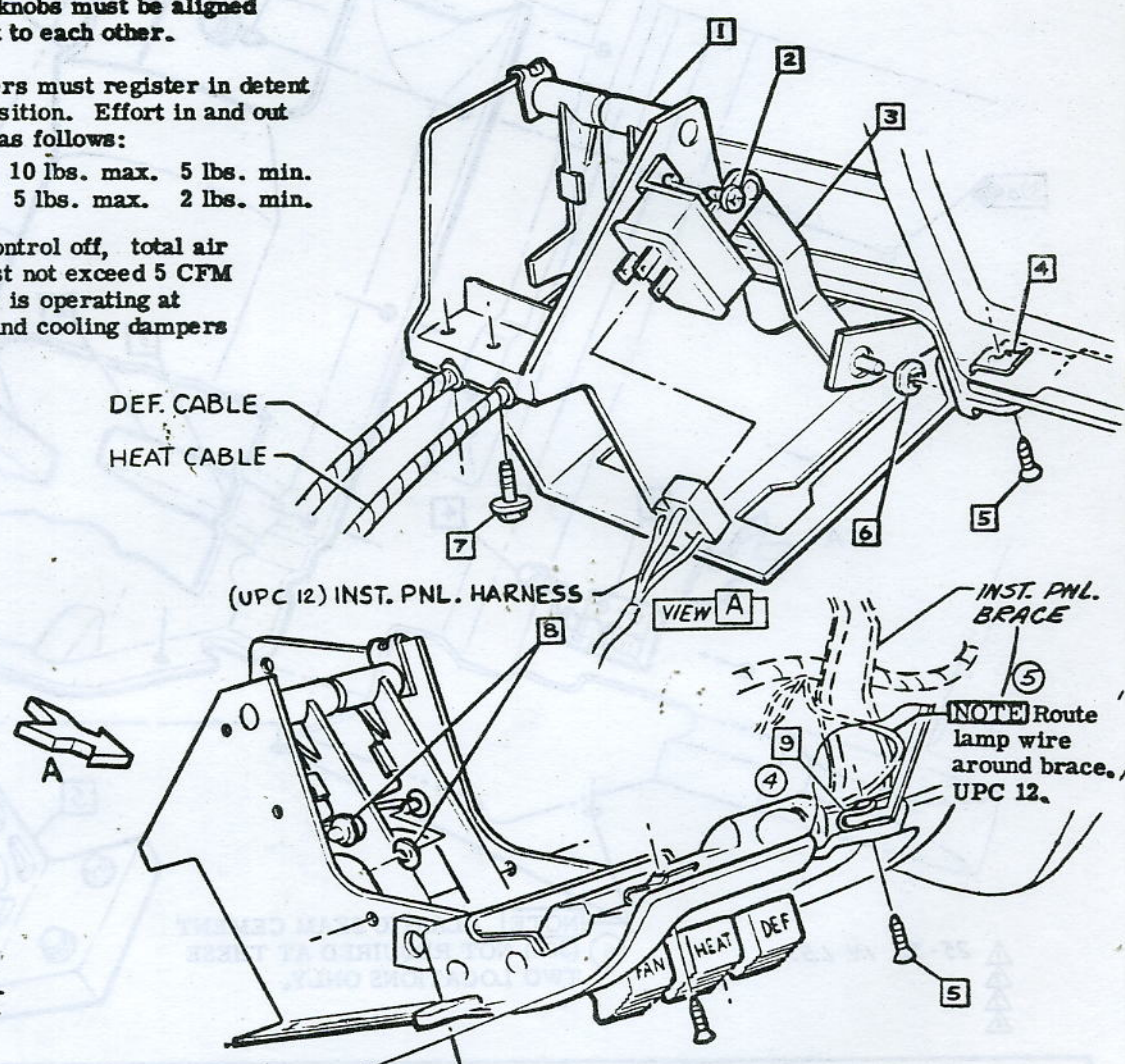


CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TOE PAN TUNNEL COVER, CLAMP & SEAL				1	7-8-64	1	WAS 3858771 CLAMP			CC/DP
					9-25-64	2	L.H. ADDED	65232	CC	
10000				A 4.		3	WAS .01 OZ.			DF
					12-14-64	5	WAS 9421803 SCREW	15932	BR/CI	
DWG PREL. 2-21 DATE REL. 2-21				REF: Prel. A6 L-65029 L- L- L- L-	12-30-64	6	CEMENT NOTE ADDED	15944	BR/CI	
					4-23-65	7	WAS 9415799 SCREW	15955	WM/CI	
				SHEET						

- | | | | | | | | |
|---|---|---------|--------------|------------|---------|--------------------|---------|
| ① | 1 | 3855623 | CONTROL ASM. | 8 | 3126659 | WASHER-SPRING GRIP | |
| ② | △ | 2 | 9420890 | SCREW | 9 | 9420137 | "J" NUT |
| | | 3 | 3854799 | SWITCH ASM | | | |
| | | 4 | 3860140 | "J" NUT | | | |
| | △ | 5 | 3839187 | SCREW | | | |
| | | 6 | 3132762 | NUT | | | |
| ③ | △ | 7 | 3873950 | SCREW | | | |

① CONTROL SPECIFICATIONS

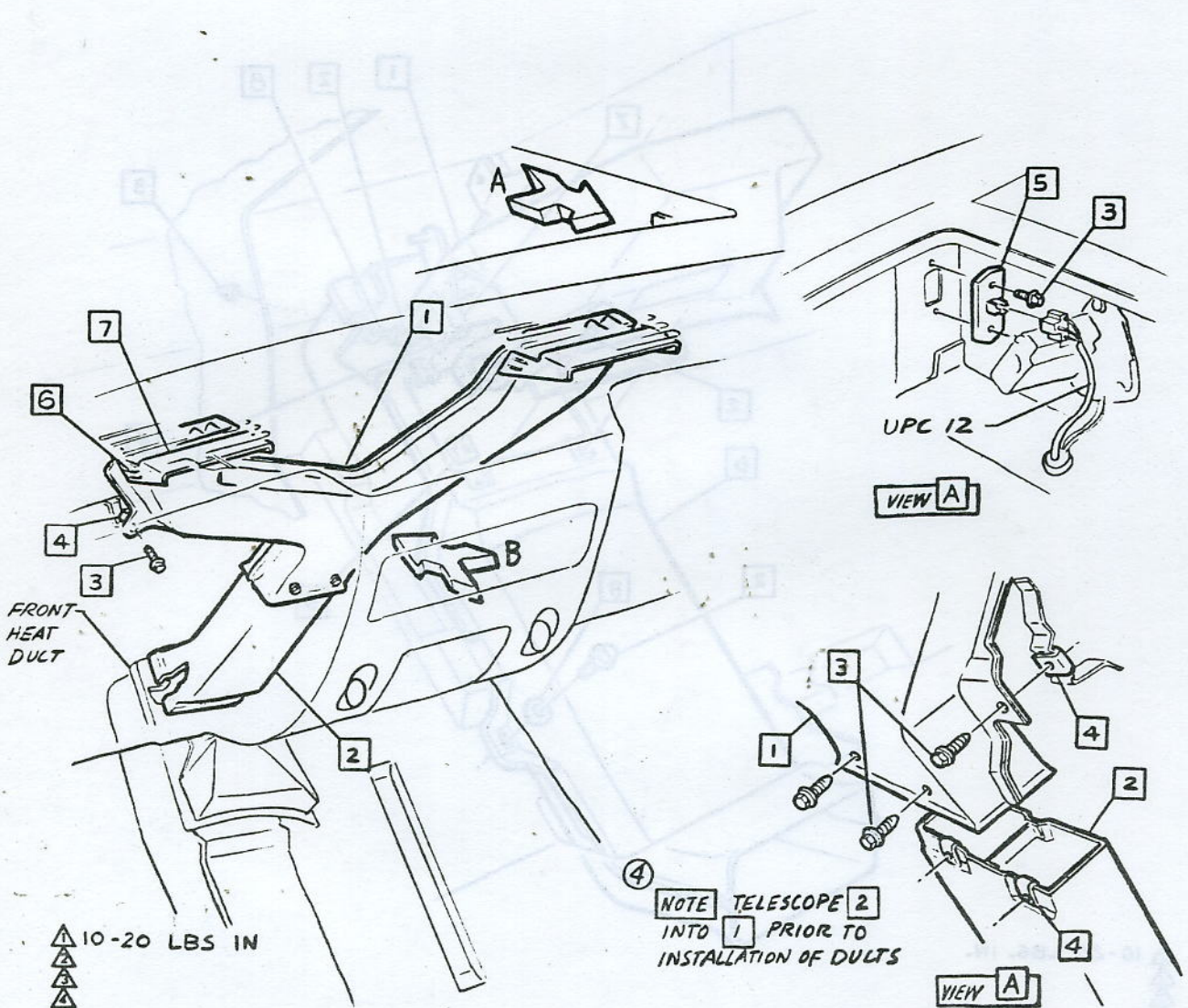
- A. All control knobs must be aligned with respect to each other.
- B. Control levers must register in detent in closed position. Effort in and out of detent is as follows:
 IN: 10 lbs. max. 5 lbs. min.
 OUT: 5 lbs. max. 2 lbs. min.
- C. With heat control off, total air leakage must not exceed 5 CFM when engine is operating at 3000 RPM and cooling dampers closed.



- △ 15-20 LBS. IN.
 △ 30-40 LBS. IN.
 △
 △

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
HEATER CONTROL ASM.		1	7-15-64	1	"CONTROL SPECS" ADDED	64798	AM	DP	
			9-25-64	2	WAS 273445 SCREW	65827	CC	DF	
			12-30-64	3	WAS 3861264 SCREW	66967	JC	CI	
			1-25-65	4	"BULB" DWG. REVISED	68389	BY		
				5	"WIRE" NOTE ADDED				CI
10000		A 5.							
DWG PREL. 1-16	CMC		REF: Prel. A2	L-73722	L-				
DATE REL. 5-19			L-	L-	L-				
		SHEET							

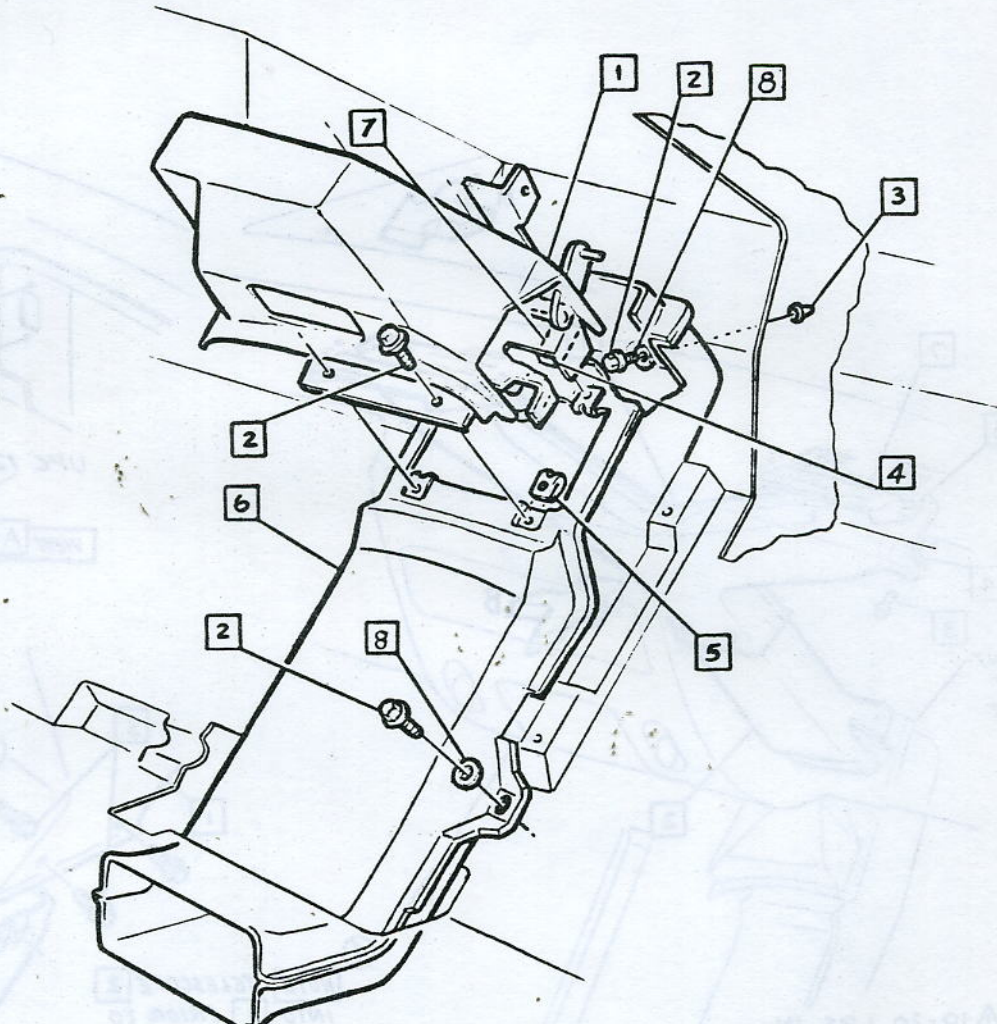
- 1 3859395 DEF DUCT ASM-REAR
- 2 3859772 DEF DUCT ASM-FRONT
- 3 3873950 SCREW
- 4 3846854 "U" NUT - SPECIAL
- 5 3866429 RESISTOR
- 6 9985029 WIRE APPROX. 8 INS.
- 7 3866874 BAFFLE



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
DEFROSTER DUCTS				1	7-15-64	1	WAS 3195317 RESISTOR	64758	CC	
10000					8-25-64	2	ITEM 6 & 7 ADDED	63828		DP
DWG PREL 2-13				A 6.		3	WAS 9420856 NUT	65484	CC	
DATE REL 5-15						4	DUCT NOTE ADDED			CF
REF: Prel. 45 L-73525 L-				X SHEET	12-30-64	5	WAS 3861264 SCREW	66967	X	CI
L- L- L-					3-31-65	6	WAS 9422336 NUT	70200	DA	CI



- 1 3854695 VALVE ASM.
- 2 3873950 SCREW ASM.
- 3 4770719 CAP
- 4 9981098 CEMENT (.03 oz. per job)
Used to cement seal to valve asm.
- 5 9420856 "U" NUT
- 6 3854277 DUCT ASM.
- 7 3864366 SEAL
- ①③ 8 120392 WASHER

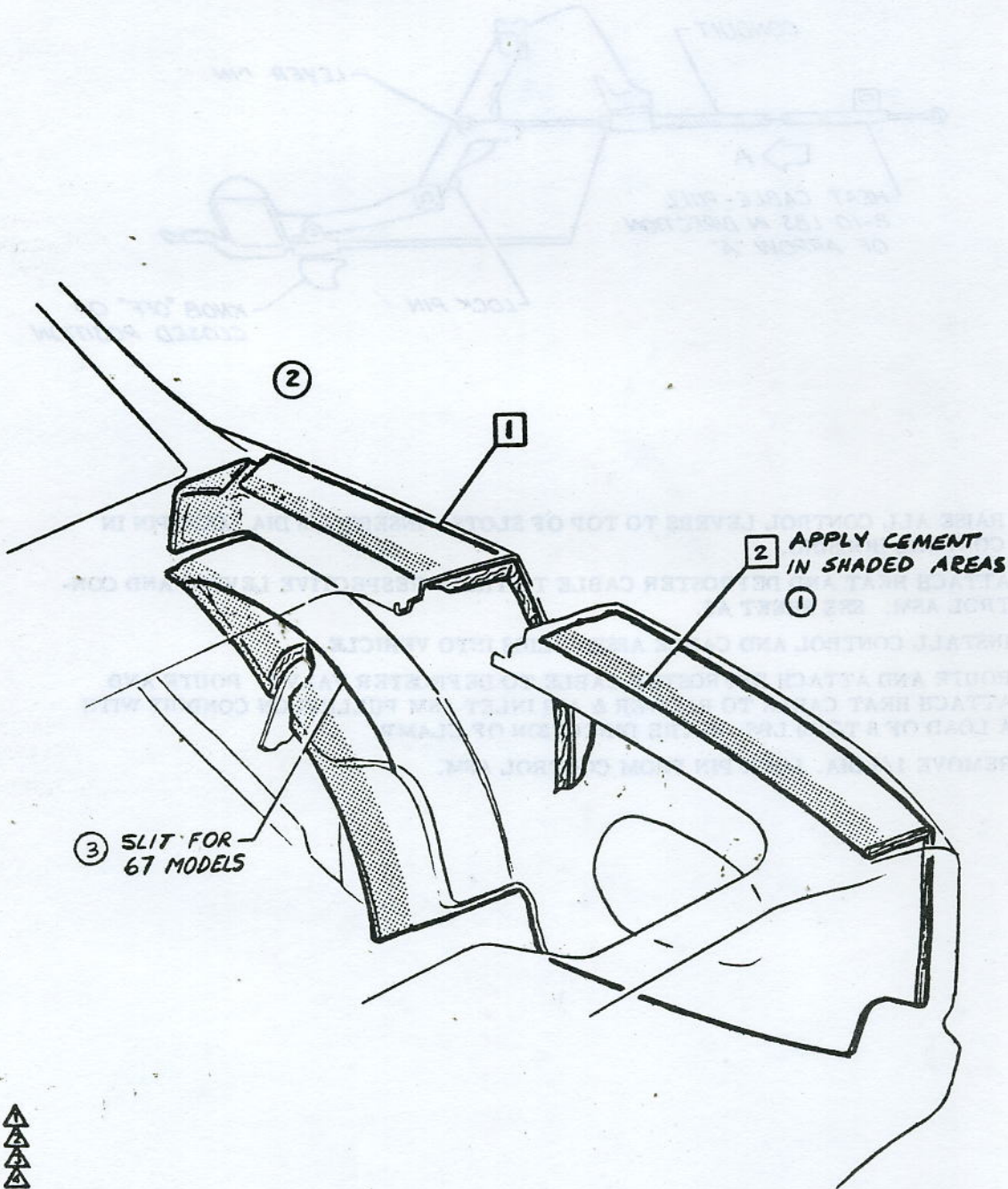


▲ 10-20 LBS. IN.
▲
▲
▲

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FRONT HEATER DUCT & VALVE ASM.				1	7-8-64	1	3724851 TAPE REMOVED		CC	DP
					11-4-64	2	WAS 3861264 SCREW		66967	CK
10000				A7.		3	ITEM 8 ADDED		15835	DF
					SHEET X					
DWG. REL. 2-21	GMC	REF: PreL A7	L-72621	L-						
DATE REL. 5-15		L-	L-	L-						



- 1 3868673-4 INSULATOR-ENG COMPT SIDE L. & R.H.
- 2 3857962 CEMENT (2.0 OZ. PER JOB)



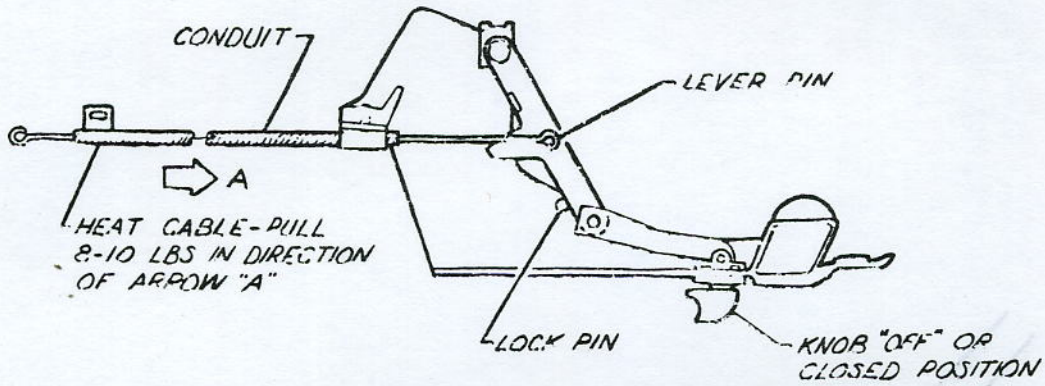
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
INSULATOR-ENG COMPT SIDE		1	9-25-64	1	CEMENT NOTE ADDED & DWG REV	66467	CC	DF
10500-700			11-9-64	2	TRIM PERFORATIONS REMOVED	15920	CK	
DWG —		A8.		3	WAS PERFORATED			DF
DATE REL 7-25	GMC REF: ECR 64127 L-76097 L-		DF					
		☒ SHEET						



ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES



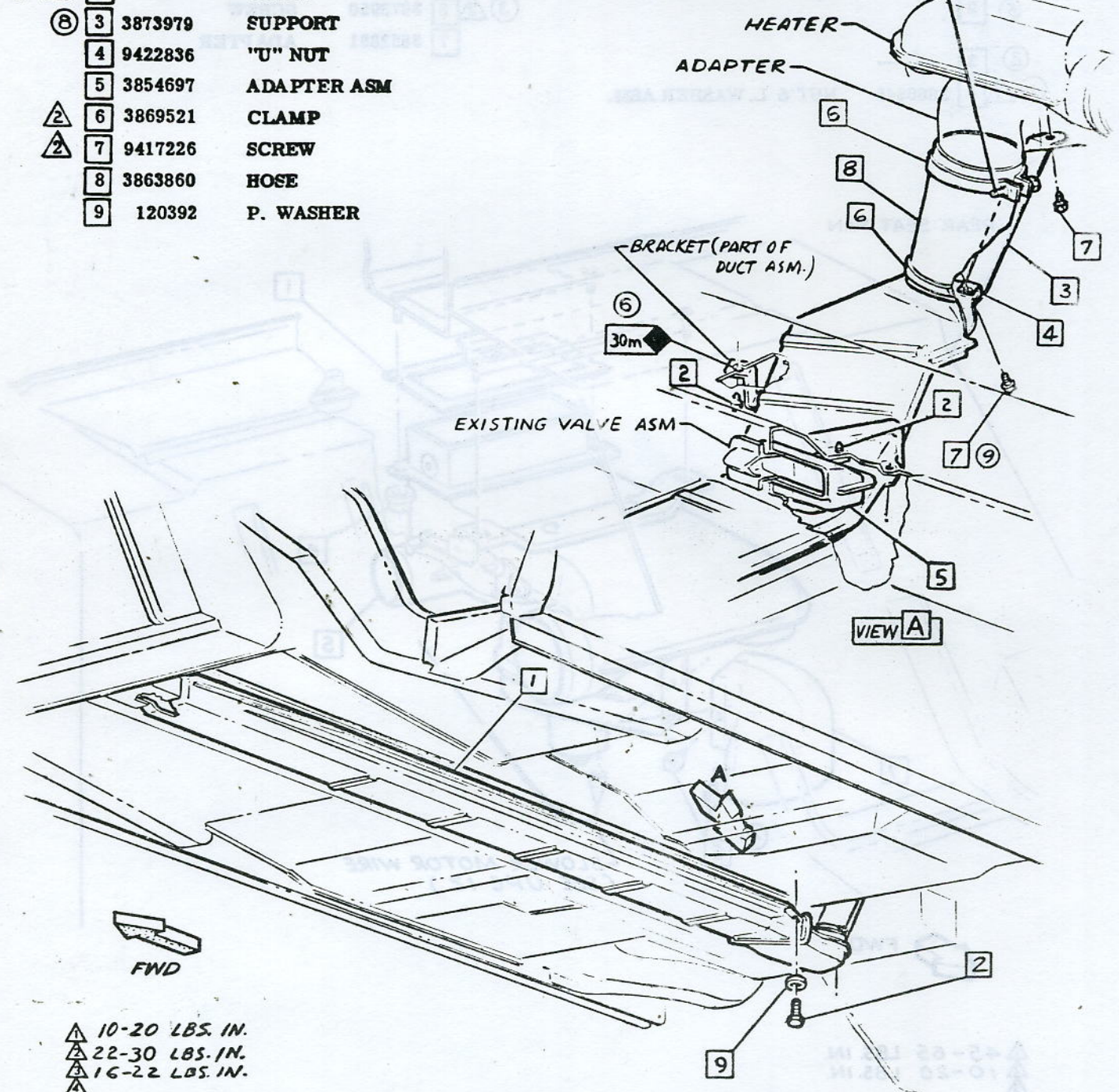
1. RAISE ALL CONTROL LEVERS TO TOP OF SLOTS. INSERT 1/8 DIA LOCK PIN IN CONTROL HOUSING.
2. ATTACH HEAT AND DEFROSTER CABLE TO THEIR RESPECTIVE LEVERS AND CONTROL ASM. SEE SHEET A5.
3. INSTALL CONTROL AND CABLE ASSEMBLIES INTO VEHICLE.
4. ROUTE AND ATTACH DEFROSTER CABLE TO DEFROSTER VALVE. ROUTE AND ATTACH HEAT CABLE TO BLOWER & AIR INLET ASM PULLING ON CONDUIT WITH A LOAD OF 8 TO 10 LBS. IN THE DIRECTION OF CLAMP.
5. REMOVE 1/8 DIA. LOCK PIN FROM CONTROL ASM.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	APPR.	DR	CK
CABLE CONTROL ADJUSTMENT		1						
10000		A9.						
DWG NO. 8-12	CMC	PRE-ECR 637621	1-					
DATE			1-					
		SHEET 10						

- ① 3854278 DUCT ASM-REAR
- ⑦ ⚠ ② 3873950 SCREW
- ⑧ ③ 3873979 SUPPORT
- ④ 9422836 "U" NUT
- ⑤ 3854697 ADAPTER ASM
- ② ⑥ 3869521 CLAMP
- ③ ⑦ 9417226 SCREW
- ⑧ 3863860 HOSE
- ⑨ 120392 P. WASHER

NOTE INSTALL CLAMP SCREW IN DIRECTION SHOWN.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION	RECORD	ALTM.	DESIGN
REAR DUCT ASM.		1	12-22-64	6	LUB SYMBOL ADDED		15876AM	
10000		B1.	11-19-64	7	WAS 3861264 SCREW		65157	
DWG PREL 3-29 AM			2-23-65	8	WAS 3857608 SUPPORT		67569AM	
DATE REL 4-29				9	WAS SYM. (2)		22024AM	
REF: Prel. B3 L-72397 L-72621		SHEET						
L- L- L-								

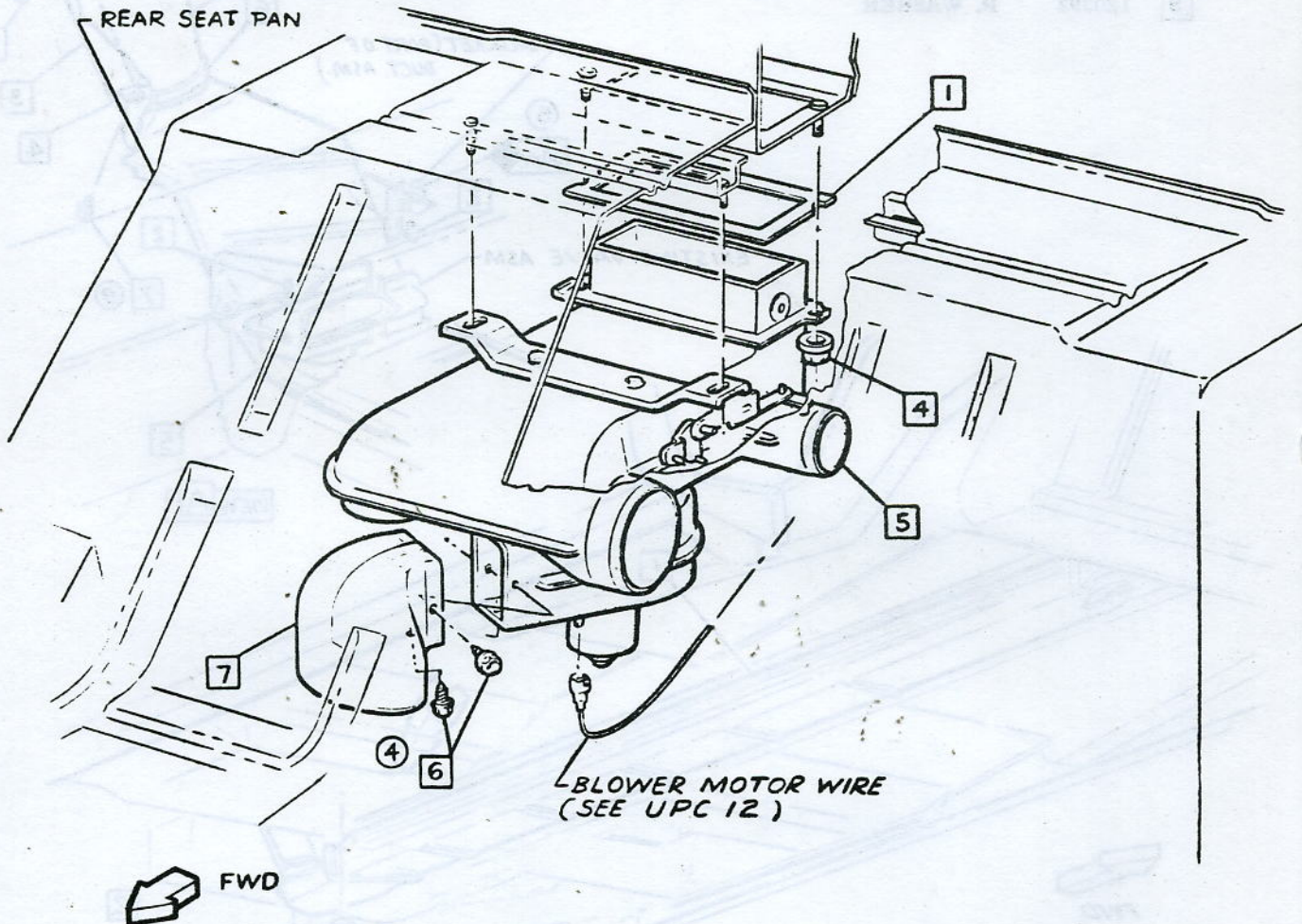


CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- ① 3855177 SEAL
- ⑤ ②
- ② ③
- ① ④ 3866846 NUT & L. WASHER ASM.
- ⑤ 3866060 BLOWER & AIR INLET ASM
- ③ ② ⑥ 3873950 SCREW
- ⑦ 3852891 ADAPTER



- ▲ 45-65 LBS. IN.
- ▲ 10-20 LBS. IN.
- ▲
- ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
BLOWER & AIR INLET ASM		1	7-6-64	1	WAS 271172 NUT	63828	AM	
10000			10-22-64	2	120392 F WASHER RMVD	64967	AM	DP
DWG PREL 1-23 AM				3	WAS 3861264 SCREW	15863		WB
DATE REL 4-8				4	SCREW ADDED	15961		MB
REF: Prel, B1 L-72397 L-				5	9981098 CEMENT REMOVED			CI
L- L- L-								
B2.		<input checked="" type="checkbox"/> SHEET						



CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

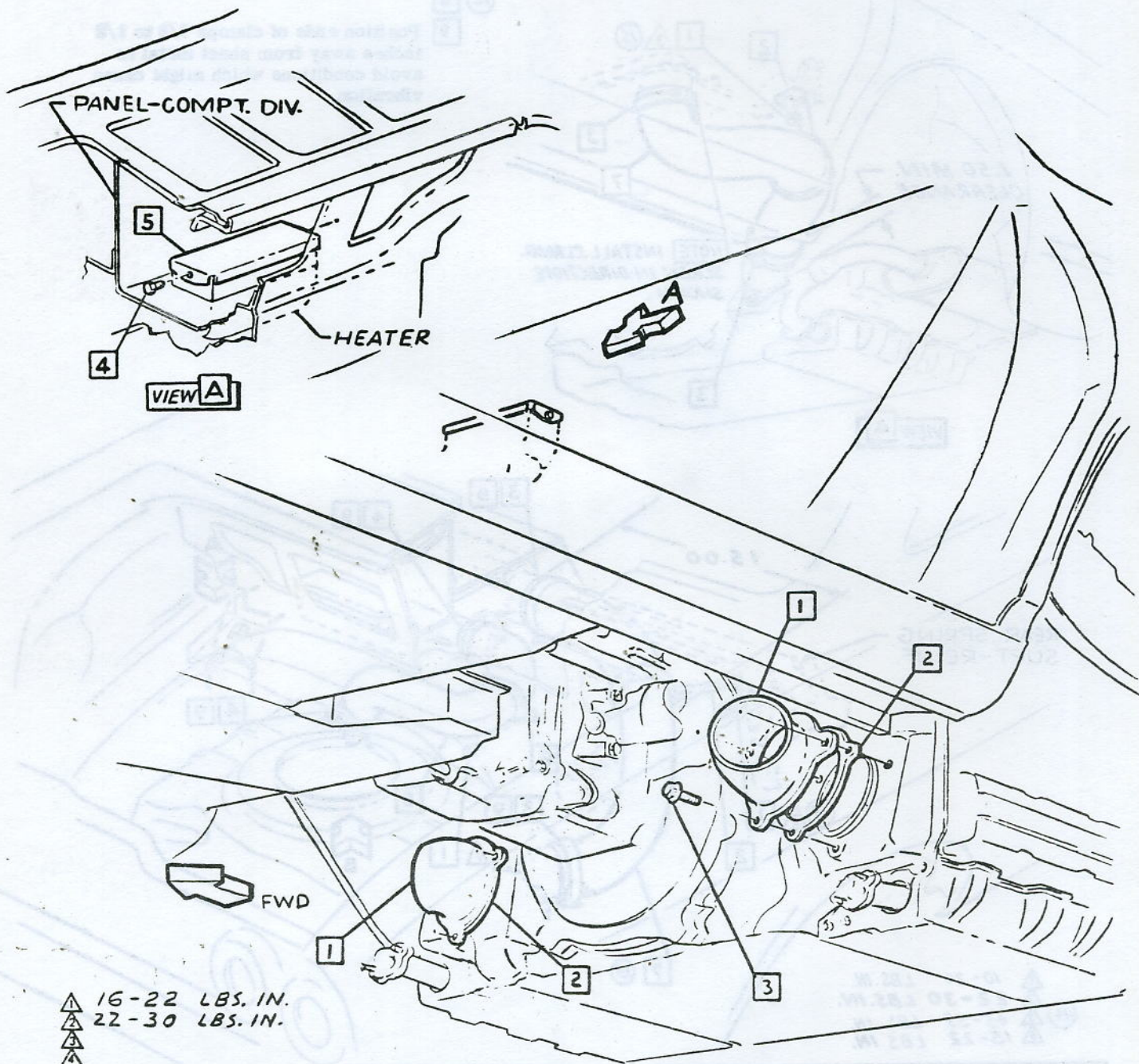
1 3785549-50 CONNECTOR ASM L. & R.H.

4 9417226 SCREW

2 3816026 SEAL

5 3868700 COVER

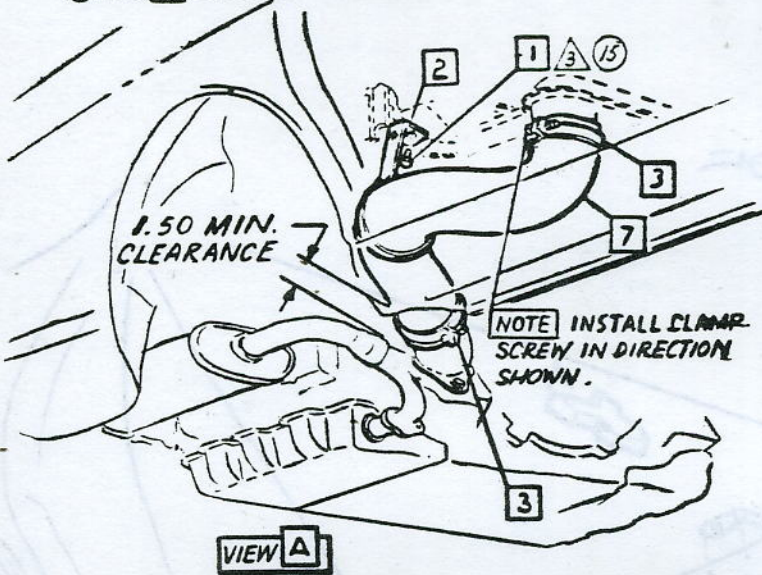
① 1 3780162 SCREW



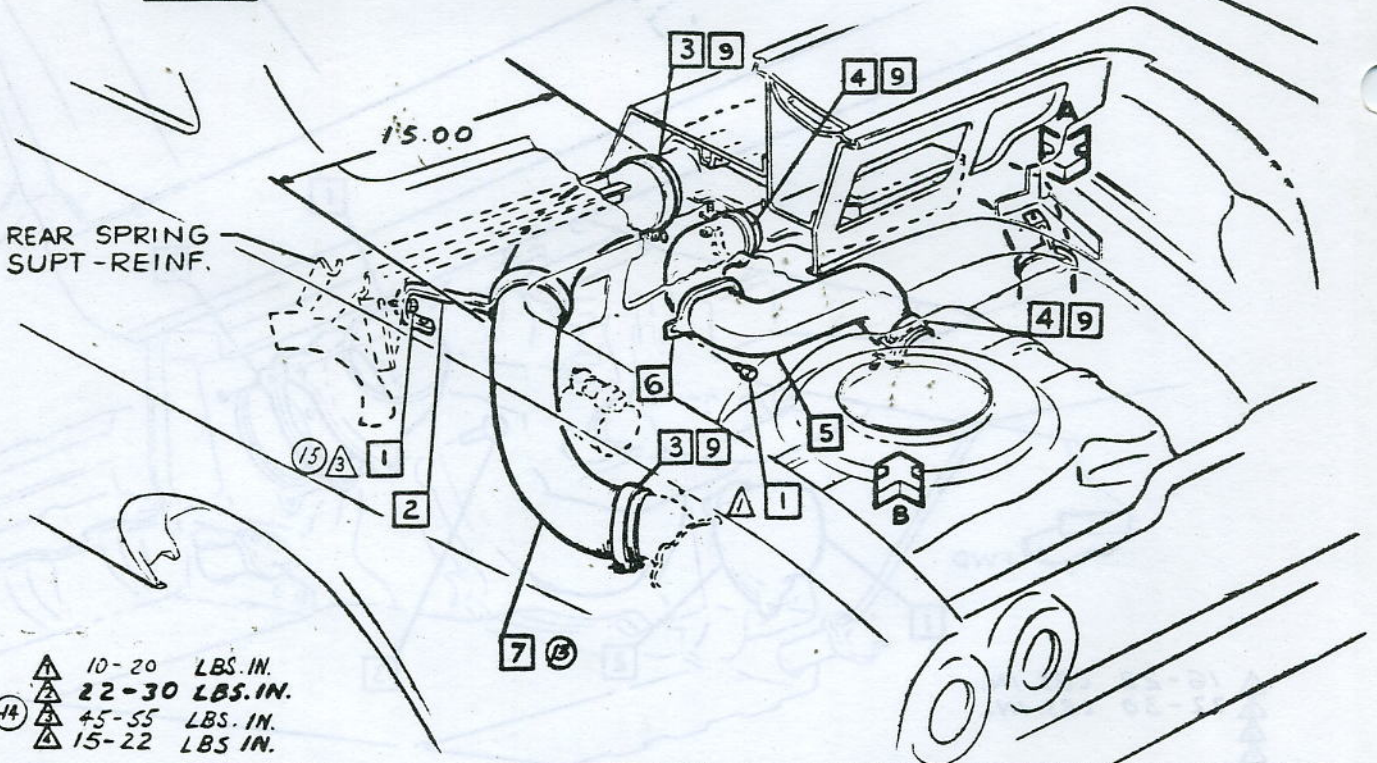
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
HEATER HOSE CONNECTORS		1	7-2-64	1	WAS 9417558 SCREW	15788	AM	DF
10000		B 3.						
DWG PREL 3-7	AM	REF: Prel. B5	L-72621	L-72397				
DATE REL 5-12		L-	L-	L-				
		SHEET						

- 1 3873950 SCREW
- 2 3870281 STRAP
- 3 9420907 CLAMP
- 4 9423255 CLAMP

- 5 3864393 HOSE
- 6 3866847 GROMMET
- 7 3870283 HOSE L.H.
3866844 R.H.



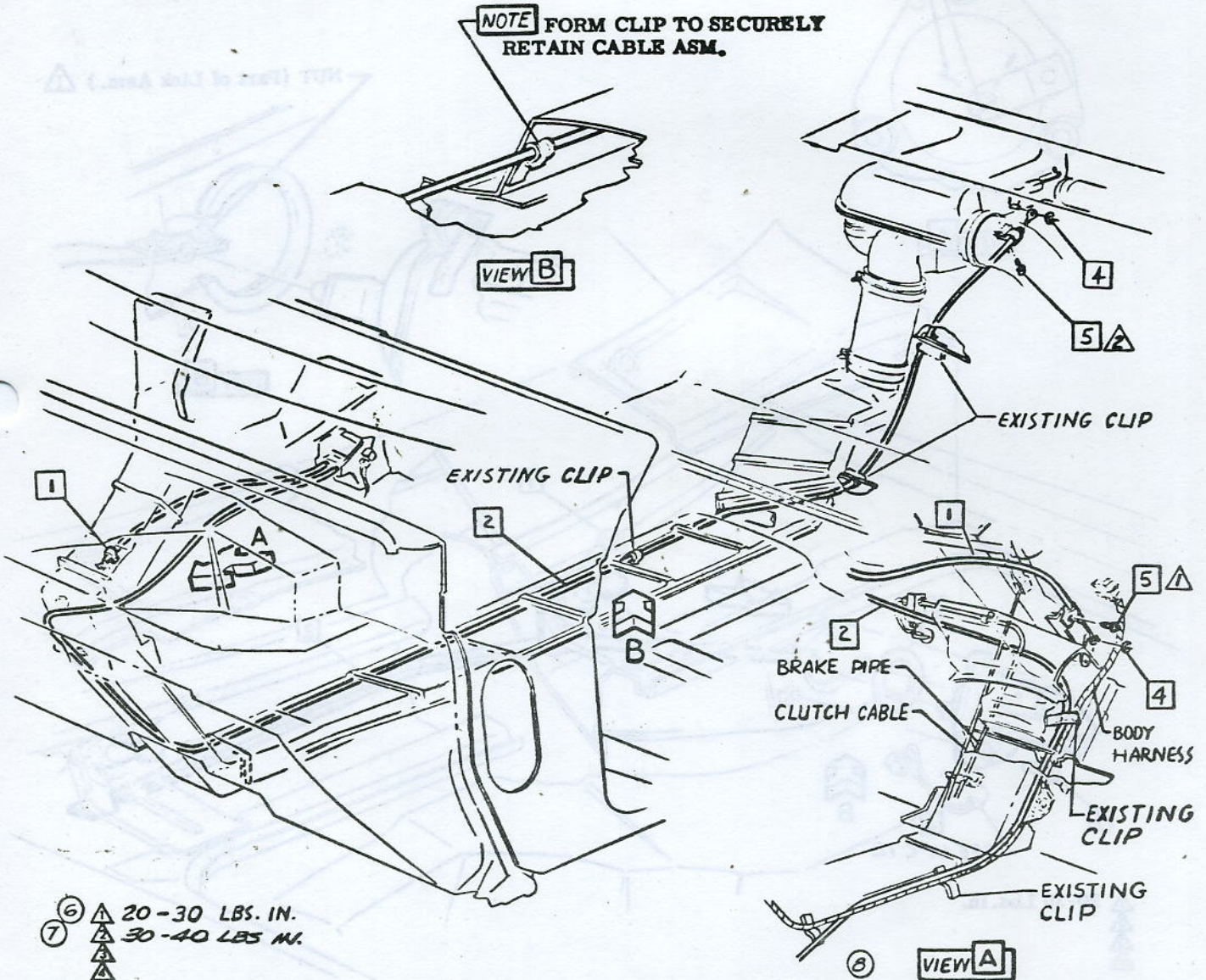
- 8
- 9 Position ends of clamps 3/8 to 1/2 inches away from sheet metal to avoid conditions which might cause vibration.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
HEATER & DEFROSTER HOSES		1	12-65	12	STOOLEY SLEEVE REMOVED	1595	JM	
				13	"HOSE" NOTE REMOVED			CI
10000		B4.	5-19-65	14	TORQUE 5 (3) ADDED	70038	WA	
				15	WAS 15-20 LBS. IN. (2) PLACES			CI
			5-4-65	16	TORQUE WAS 22-30 LBS. IN.	70791	LS	CI
DWG PREL 3-11 AM		REF: Prel. B6 L-72621 L-72397						
DATE REL. 5-8		L L L L		X SHEET				

- | | | |
|---|---------|---------------------------|
| 1 | 3859764 | CABLE ASM. - DEFR. CABLE |
| 2 | 3859762 | CABLE ASM. - HTR. CONTROL |
| 3 | — | |
| 4 | 3126659 | NUT |
| 5 | 3873950 | SCREW |

NOTE FORM CLIP TO SECURELY
RETAIN CABLE ASM.



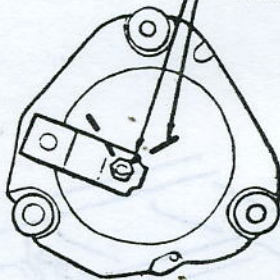
- ⑥ ▲ 20-30 LBS. IN.
⑦ ▲ 30-40 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CR.
HEATER CONTROL CABLES		1	1-25-65	6	TORQUE WAS 10-20 LBS. IN.	68894	JM	
				7	TORQUE (2) ADDED			
10000		B5.		8	VIEW "A" REVISED			
				9	TORQUE SYM. REMOVED			CI
DWG PREL 3-5	AM	REF: PreI. B4	L-72621	L-72397				
DATE REL 5-20		L-65030	L-65004	L-				
		SHEET						

- ① ① 1 9421033 SCREW
- ② 2 4914408 LINK ASM
- ③ 3 5045461 MOTOR ASM

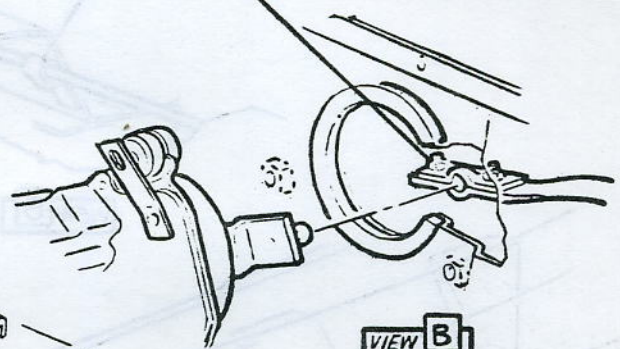
- ④ ① 4 3878094 SCREW ASM
- ⑤ ③ 5 3878049 GASKET

Marks on crank arm must coincide with marks on cover within $\pm 5^\circ$.

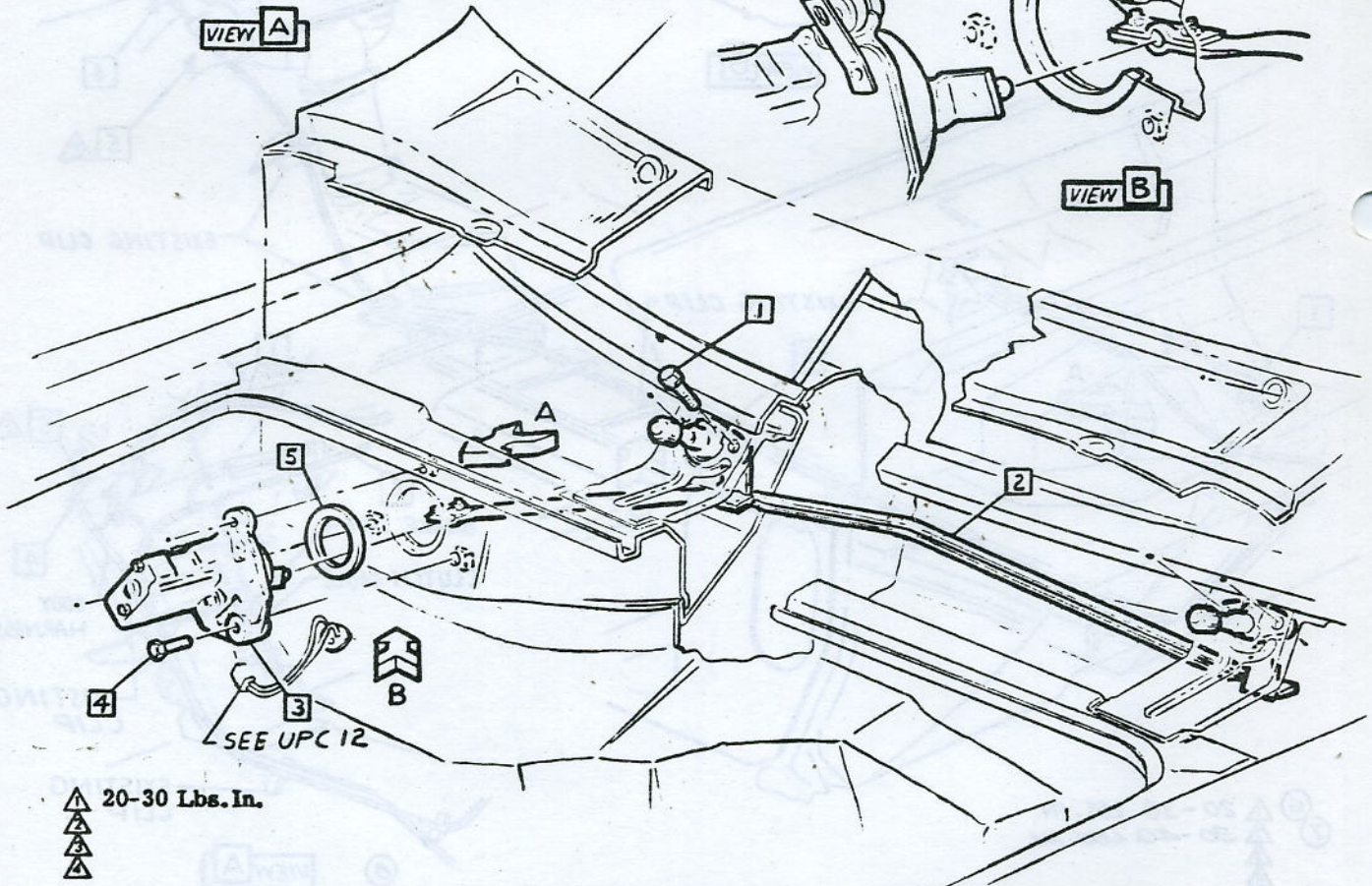


VIEW A

NUT (Part of Link Asm.) ①



VIEW B

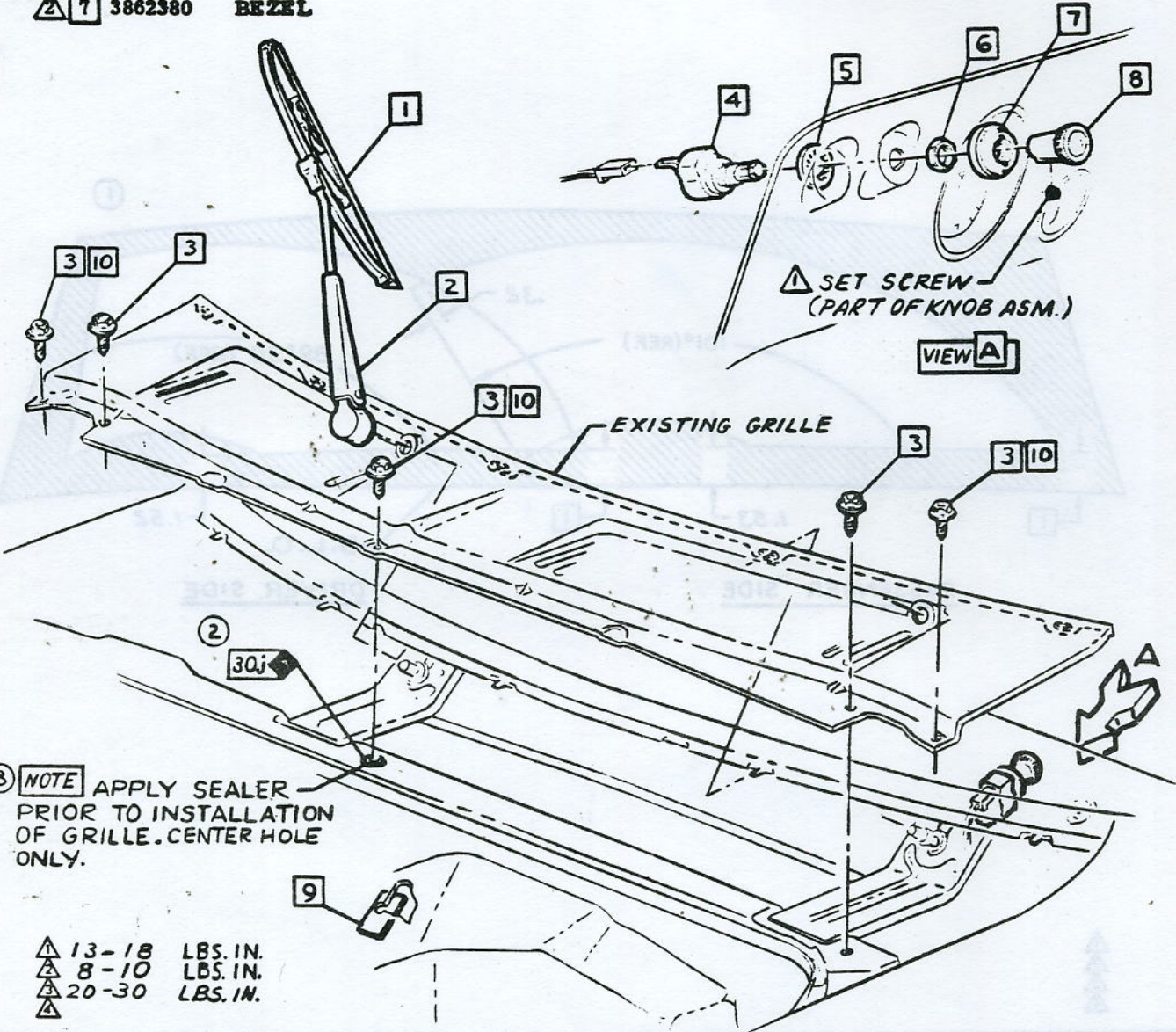


▲ 20-30 Lbs. In.
▲
▲
▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
WINDSHIELD WIPER LINKAGE & MOTOR ASM		1	7-26-64	1	WAS 3833945 SCREW	62449	AM	DP
			1-25-65	2	WAS 3866124 SCREW	68514	BR	CI
			2-23-65	3	WAS 3840795 GASKET	5988	JT	CI
10000		B6.						
DWG PREL 1-31 AM REF: Prel. B2 L-65001 L-			X SHEET 1					
DATE PREL 4-7 L- L- L-								

- 1 3871085 BLADE ASM
3837832 OPT
- 2 3856568 ROD ASM
3858926 OPT
- 3 9420508 SCREW ASM
- 4 1993677 SWITCH ASM
- 5 138549 L. WASHER-GROUNDING
- 6 7235969 NUT
- 7 3862380 BEZEL

- 8 3859221 KNOB ASM-With switch in off position. Screw must be at bottom & in vertical position.
- 9 3724851 TAPE-Approx 1 inch used to cover power glide trans cont cable clip hole
- 10 Chevrolet released-Fisher installed. Re-use for grille installation.



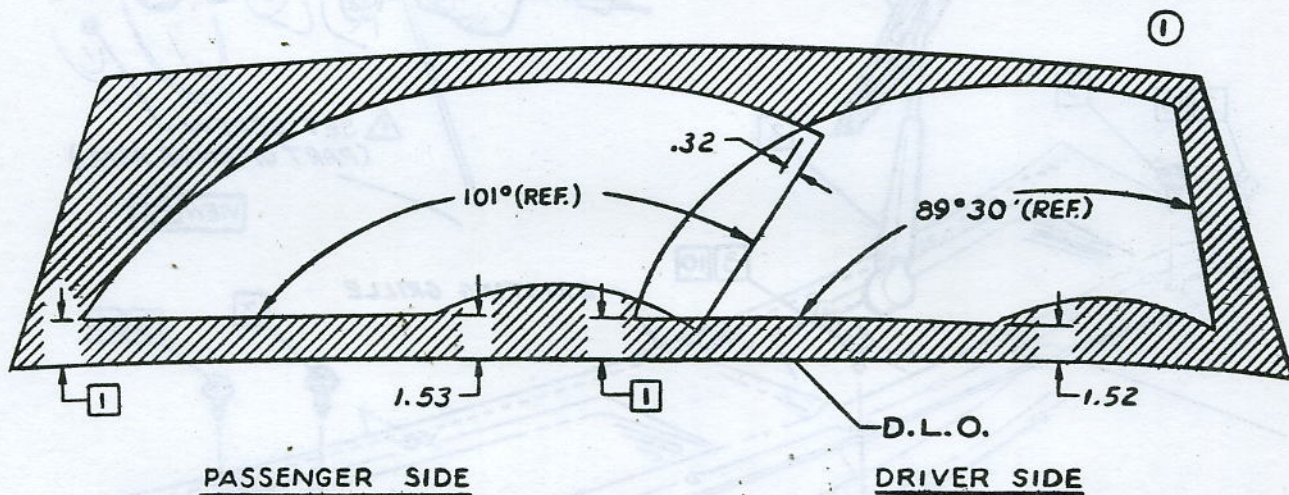
• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
WINDSHIELD WIPER BLADES & SWITCH ASM		1	9-3-64	1	3871085 WAS 38666150	65650	AM	
				2	LUB SYMBOL ADDED	15844		
				3	SEALER NOTE ADDED		DF	
			10-22-64	4	ITEM 10 ADDED	66549	AM	HB
			5-4-65	5	TORQUE WAS 8-10 LBS. IN.	70791	LS	CI
10000		B 7.						
DWG PREL. 3-23 AM REF. Prel. B 8 L-73183 L-65001		SHEET X						
DATE REL 5-12 L- L- L-								



1 Windshield wiper rod asm must be installed with tip of blade asm from .50 to 2.00 above D.L.O. on surface of glass in park position.

CAUTION The windshield & back lite glass should not be subjected to temperatures in excess of 170° F. during paint repair. Protective shield should be placed over heated glass to eliminate shock of extreme temperature changes caused by water spray or cold air.

NOTE Windshield glass must be wet when checking the blade asm to the specified D.L.O. dimension.



CHEVROLET MOTOR DIVISION, GMC.				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
WINDSHIELD WIPE PATTERN				1	9-3-66	1	DIM. 1.25 REMOVED	—	AM	DF
10000				B 8.						
DWG PREL 3-11	AM	REF: Prel. B7	L-65001	L-						
DATE REL. 5-12		L-	L-	L-						
				X SHEET						



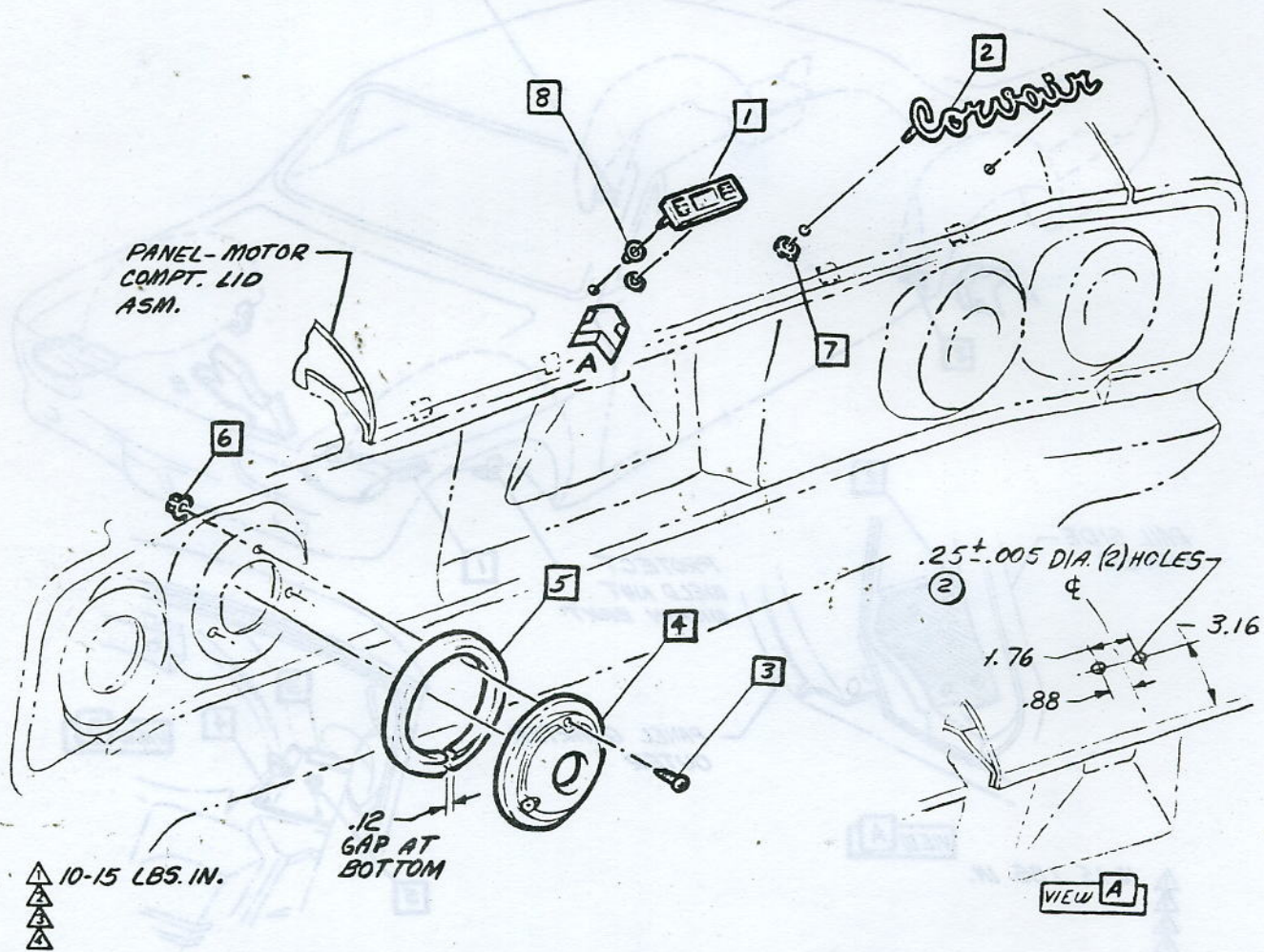
F H S M P O L E T

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- | | | | | | | |
|---|---|---------|----------------|---|---------|------|
| ① | 1 | 3866221 | EMBLEM (10700) | 5 | 3857089 | SEAL |
| | 2 | 3854713 | PLATE | 6 | 9419840 | NUT |
| △ | 3 | 3857088 | SCREW | 7 | 9419761 | NUT |
| | 4 | 3857087 | COVER (10100) | 8 | 3829006 | CLIP |



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
BODY EMBLEMS & BACK- ING LAMP COVER				1	7-2-64	1	(10700) ADDED	-	RW	DP
					5-14-64	2	WAS .219/.222	-	RW	LF
10000				CL						
DWG PREL 1-27	RW	REF: Prel. C1	L-71230		L-73257					
DATE REV 5-21		L-	L-	L-						
				SHEET	<input checked="" type="checkbox"/>					




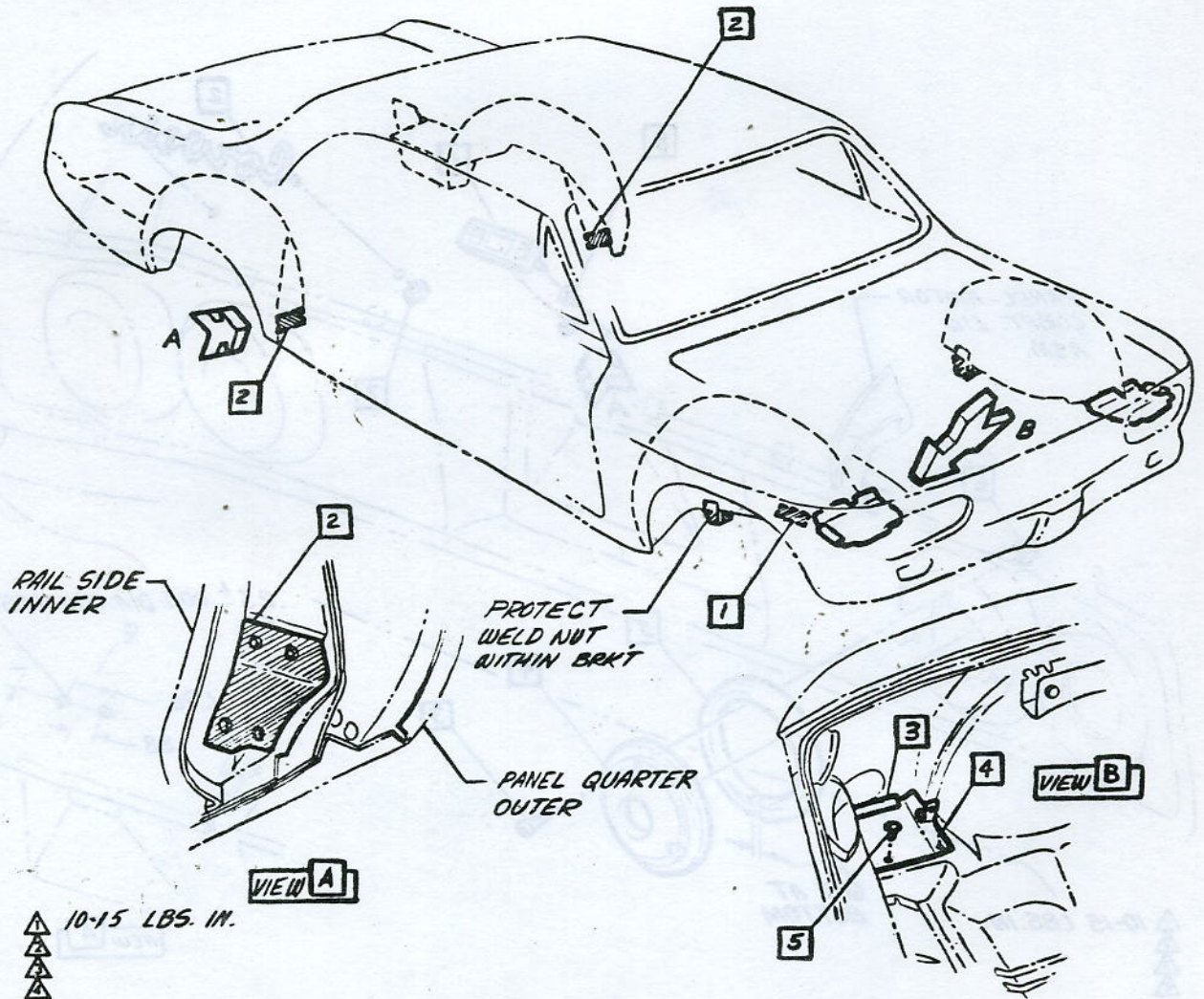
P H E E R O U L E T

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERI

- 1 VISIBLE SERIAL NUMBER R. H. WHEEL WELL
- 2 LOWER CONTROL ARM-MOUNTING BRACKET
- 3 3863997 SEAL

- 4 3863991-2 PANEL-FLOOR FILLER
- 5 9420508 SCREW
-  AREAS TO BE FREE OF UNDER-COATING

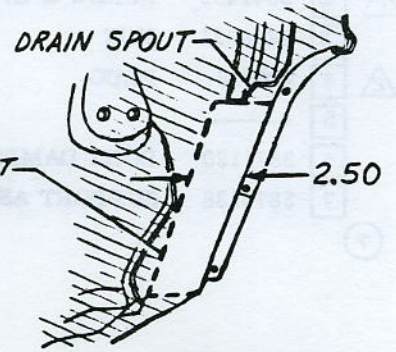


CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
MASKING FOR UNDERCOATING & FLOOR FILLER PANEL				1	2-17-65	/	WAS 3858 95 SCREW	15967	JM	CI
10000				C2.						
DWG PREZ 2-14	RW	REF: Prel. C2	L-65004	L-						
DATE REL 5-20		L-	L-	L-						
				<input checked="" type="checkbox"/> SHEET						

- 1 3866066 SCREW
- 2 1359887 NUT (10100)

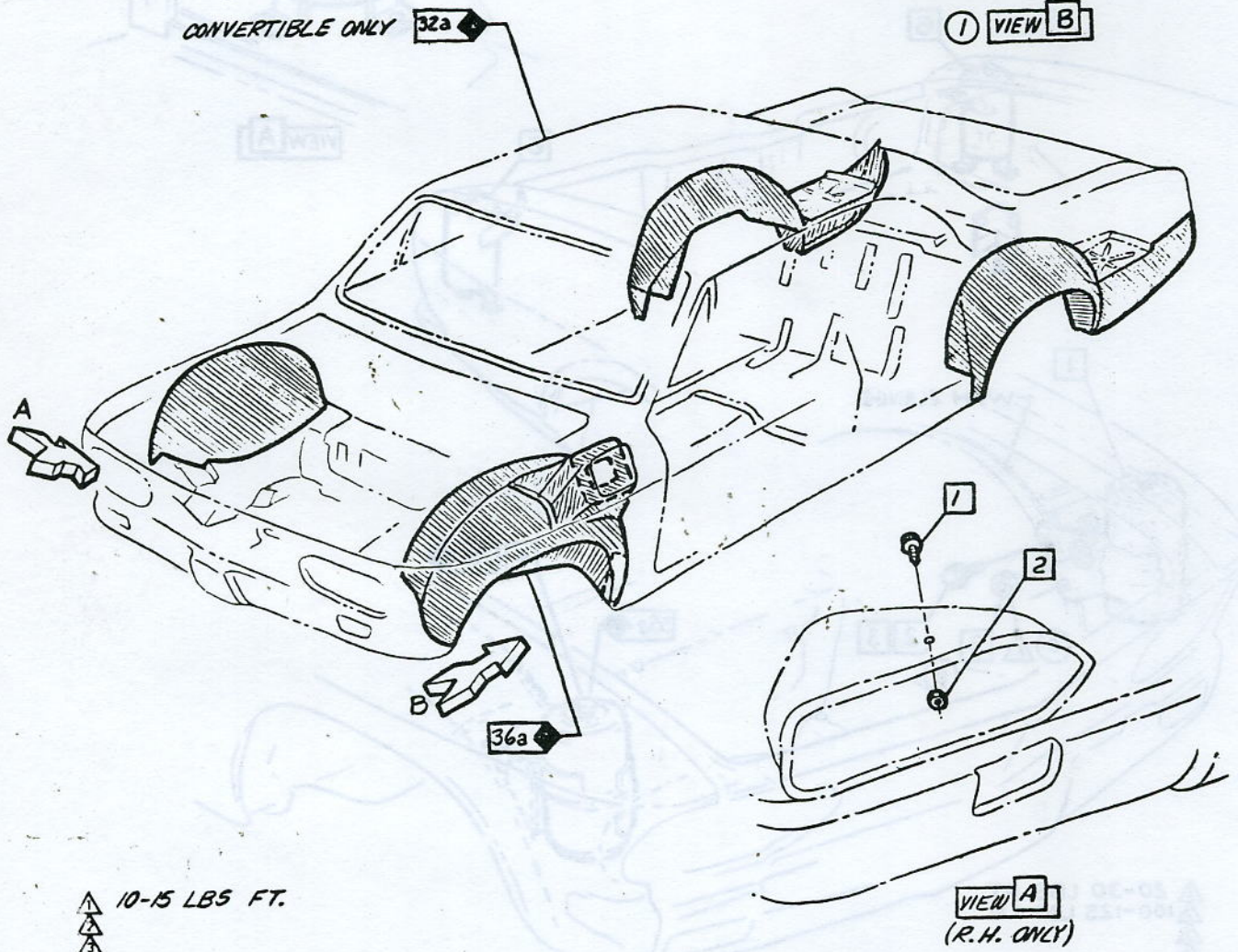
NOTE Undercoat to be 1/32 minimum thickness to prevent rusting through.

NOTE DO NOT UNDERCOAT 2.50 WIDE AREA BELOW DRAIN SPOUT.



VIEW B

CONVERTIBLE ONLY

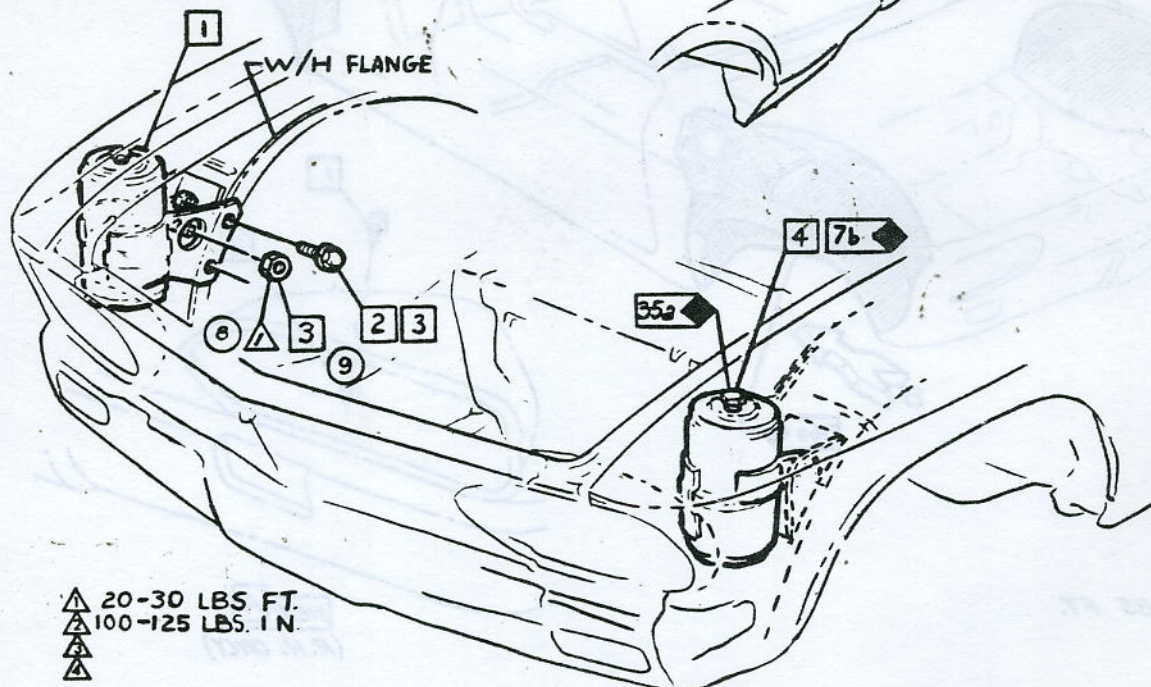
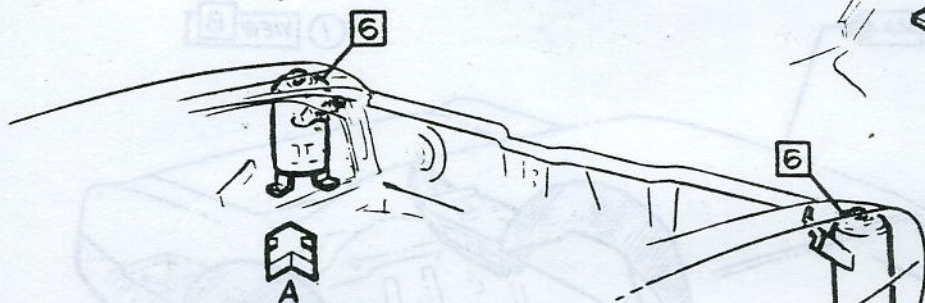
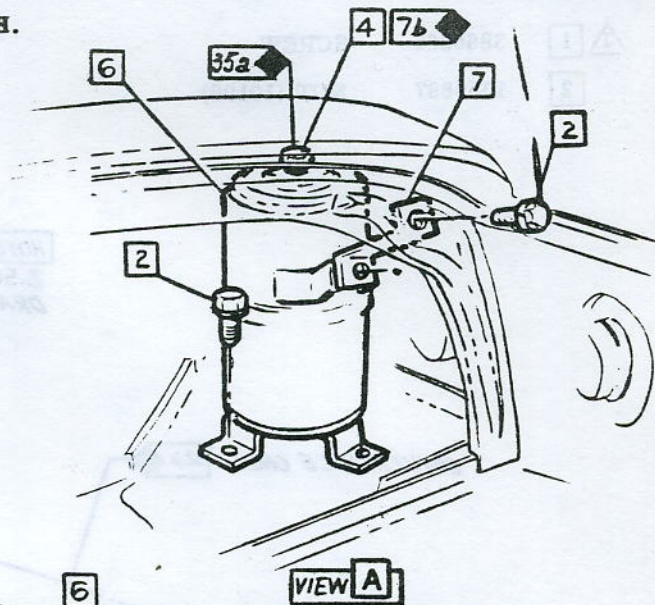


10-15 LBS FT.

VIEW A
(R.H. ONLY)

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
UNDERCOATING				1	1-9-67	1	VIEW B ADDED	66467	CK	GF
10000				C3.						
DWG PREL 2-14	RW	REF: Prel. C3	L-73258	L-						
DATE RE! 4-29		L-	L-	L-						
				SHEET						

- 1 3871121-2 BODY DAMPENER ASM FRT L. & R. H.
- ⚠ 2 3841492 SCREW & L. WASHER ASM
- 3 9418931 NUT
- ⚠ 4 444819 PLUG
- 5 _____
- 6 3871120 BODY DAMPENER ASM - RR
- 7 3870138 SUPPORT ASM
- ⑦



- ⚠ 20-30 LBS FT.
- ⚠ 100-125 LBS. IN.
- ⚠
- ⚠

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
BODY DAMPENER ASSEMBLIES		1	10-2-64	7	9415331 NUT REMOVED			CK
10567-767				8	TORQUE ADDED			
DWG _____		C4.		9	ITEM 3 WAS ITEM 8			HB
DATE 7-25-64								
RW/AM REF: ECR 65477L-74858 L-74821		SHEET						
DATE 7-25-64 DF EGR 65296 L- L-								

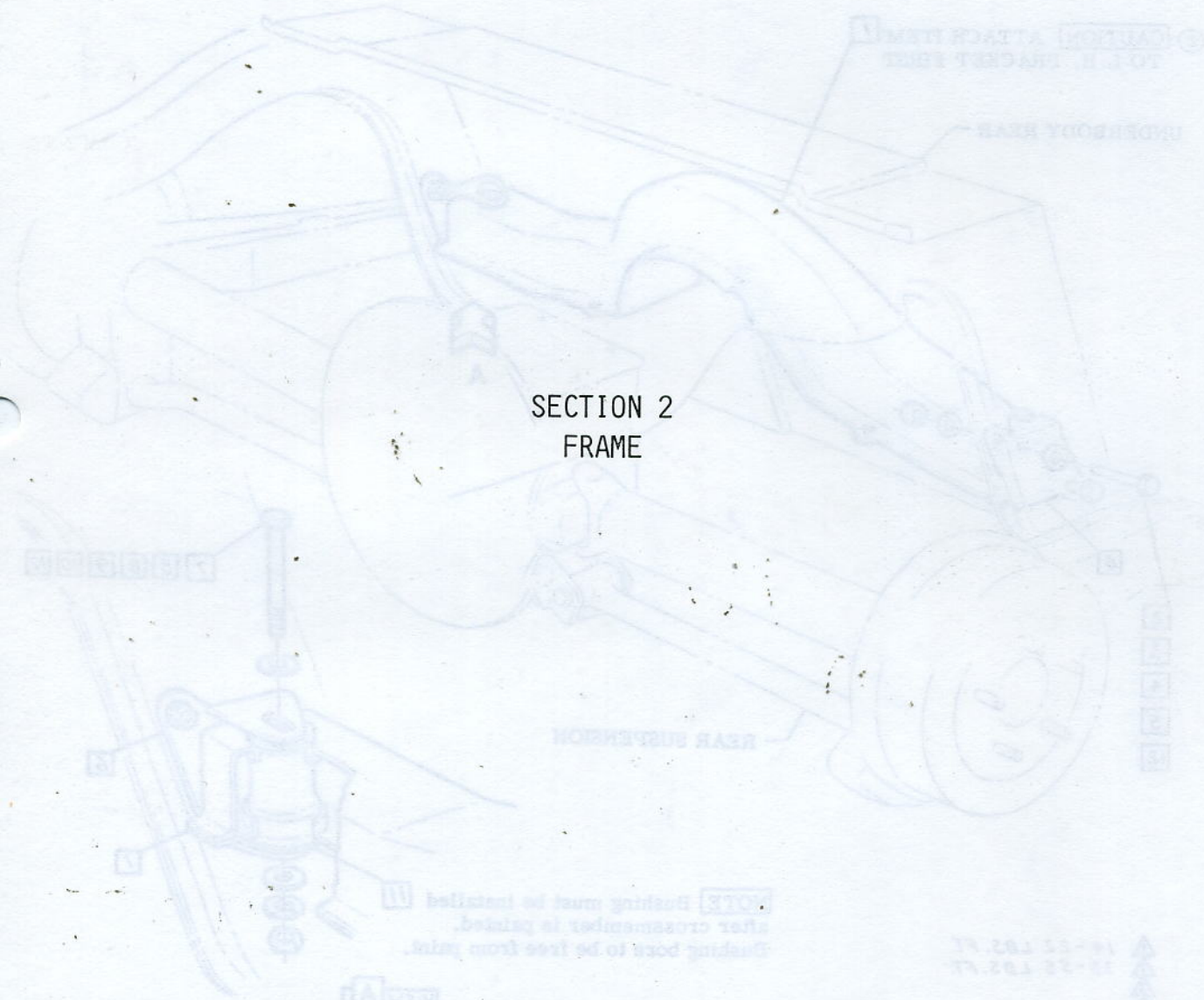
ASSEMBLY INSTRUCTIONS

28823100 CORYAIE 10000 88811

2817321	BOLT	1
2828221	R. WASHER (R.H. SIDE ONLY)	1
102220	L. WASHER	2
211202	NUT	2
2829212	BUSHING ASM	1
BOLT MUST BE INSTALLED IN DIRECTION SHOWN		

2824010	CROSSMEMBER & PLATE ASM	1
162211	BOLT	2
2418112	R. WASHER	2
102220	L. WASHER	2
102224	NUT	2
2820121	BRACKET-CROSS MEMBER L. & R.H.	2

SECTION 2 FRAME



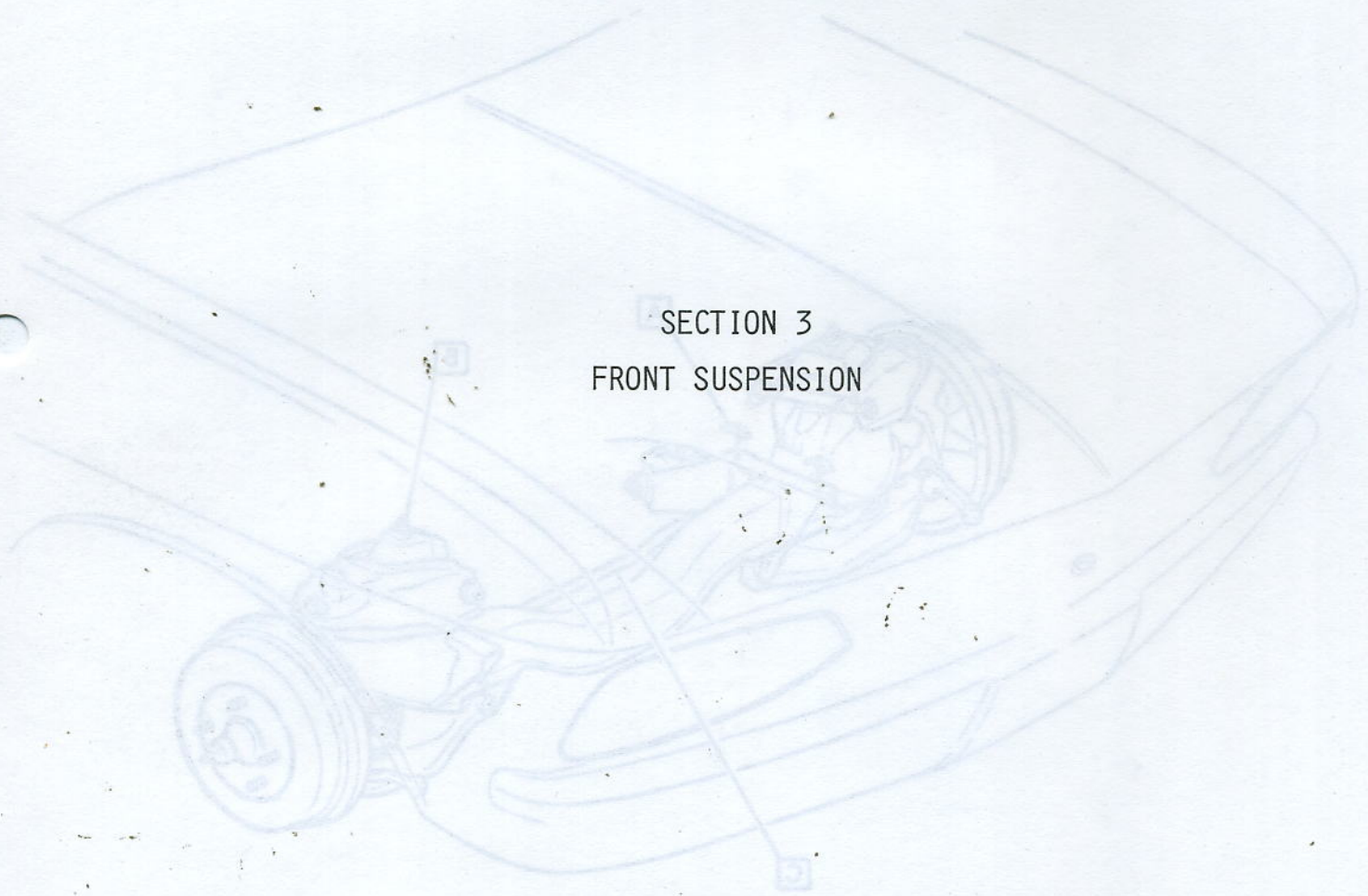
QTY	DESCRIPTION	UNIT	REMARKS
1	CROSSMEMBER & PLATE ASM		
2	BRACKET-CROSS MEMBER L. & R.H.		
2	BOLT		
2	R. WASHER		
2	L. WASHER		
2	NUT		
1	BUSHING ASM		
2	NUT		
2	L. WASHER		
2	R. WASHER (R.H. SIDE ONLY)		
1	BOLT		

NOT ILLUSTRATED THIS SHEET

SHEET	TITLE
1	CONTENTS
2	FRONT SUSPENSION AND ATTACHING
3	BACK ASSEMBLY & LUB FITTINGS
4	STEERING BAR

TITLE	SHEET
FRONT TRIM BRIDGES	4
FRONT SUSPENSION GEOMETRY	3

SECTION 3
FRONT SUSPENSION



NO.	DESCRIPTION	QTY.	UNIT
1	FRONT SUSPENSION-CONTENTS	1	SET
2			
3			
4			
5			
6			
7			
8			
9			
10			



CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

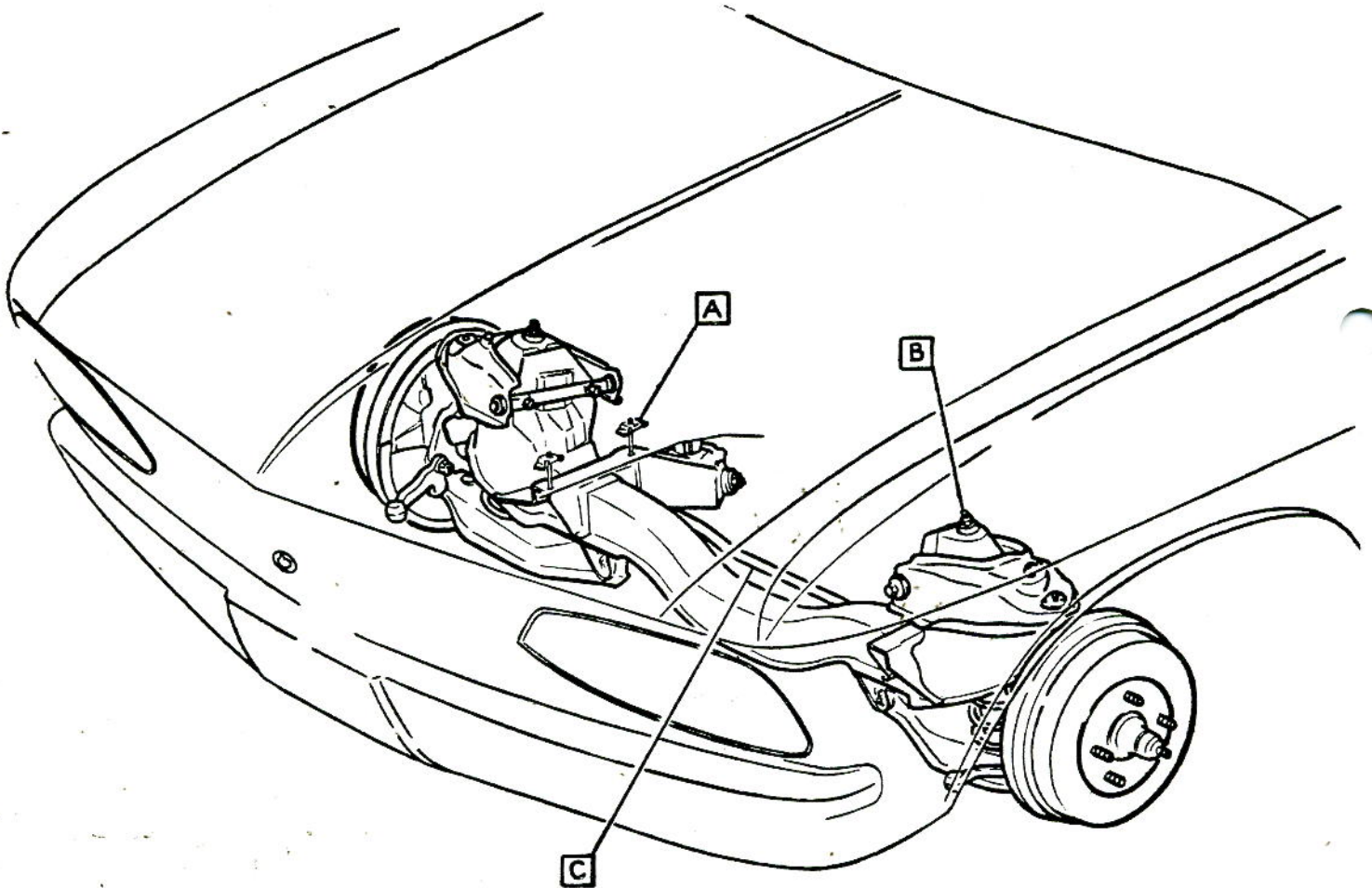
SHEET

TITLE

NOT ILLUSTRATED THIS SHEET

- 1. CONTENTS
- A** 2. FRONT SUSPENSION ASM. - ATTACHING
- B** 3. SHOCK ABSORBER & LUB FITTINGS
- C** 4. STABILIZER BAR

- D** SHEET 5. TITLE FRONT TRIM HEIGHTS
- E** 6. FRONT SUSPENSION GEOMETRY



CHEVROLET MOTOR DIVISION, GMC		U.P.C.	DATE	SYM	REVISION RECORD	AUTH.	DE	CK
FRONT SUSPENSION-CONTENTS		3						
10000		1.						
DWG PREL. 2-7	JA	REF: rrel. 1	L-73532	L-				
DATE REC. 2-7		L-	L-	L-				
		SHEET	<input checked="" type="checkbox"/>					

- 1 3857074 Front suspension unit & wheel hub asm. (except 10567 & 10767)
- 3857075 10567 & 767
- 2 473059 P. WASHER
- 3 131099 L. WASHER
- 4 9416253 BOLT
- 5 9422214 BOLT

INSTALLATION SEQUENCE

DRIVE FRONT BOLTS 5 FIRST, L. H. & R. H. SIDES, THEN INTERMEDIATE BOLTS 5 L. H. & R. H., AND FINALLY REAR BOLT 4.

NOTE This sequence is necessary to assemble the front suspension unit and wheel hub asm. in place on the body sills with a minimum of assembly stresses built into the job. It takes maximum advantage of the self-aligning features of the holes in the body sills.

NOTE Set caster (see front suspension geometry), tighten with torque shown.

OPTIONAL TIGHTENING

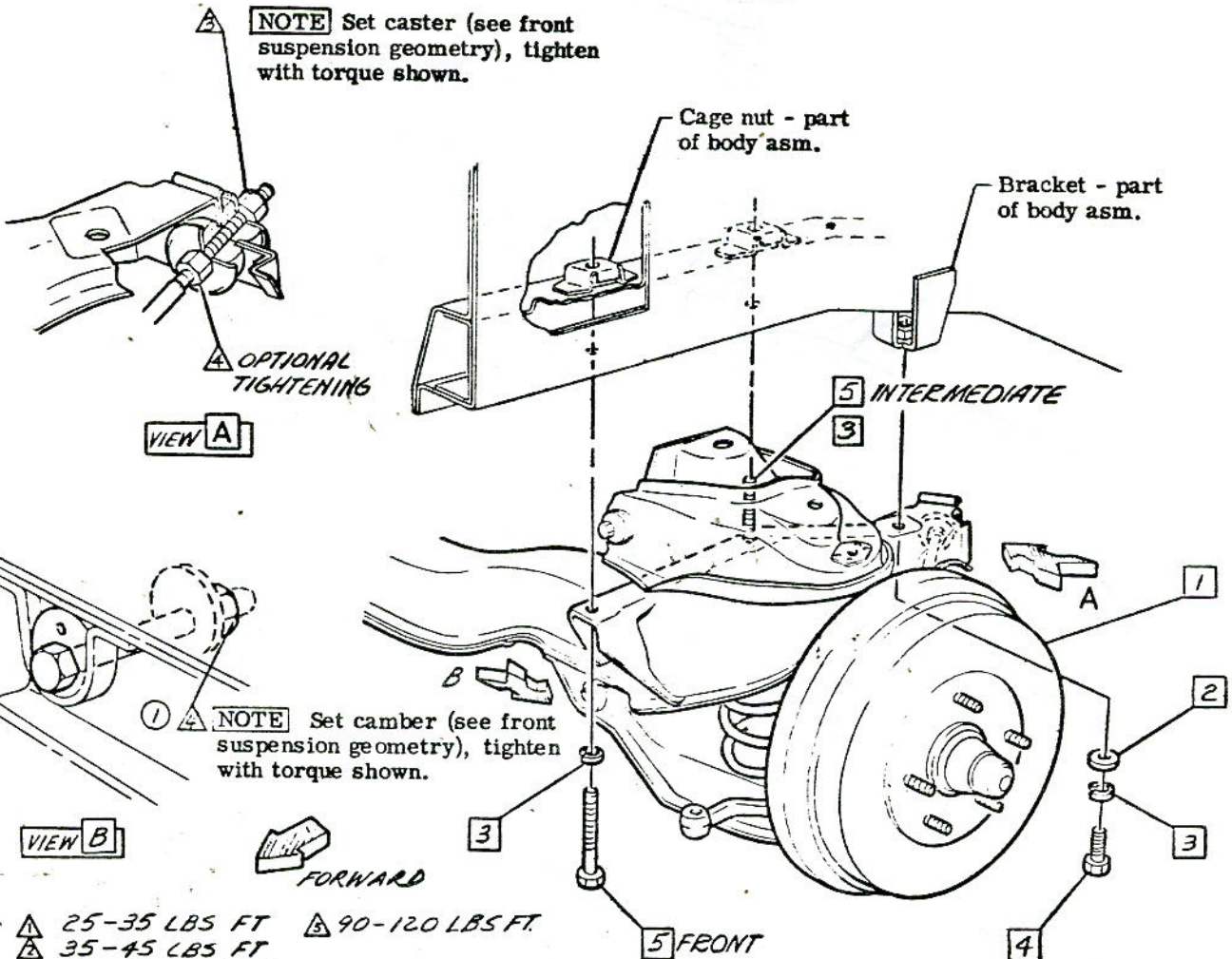
VIEW A

NOTE Set camber (see front suspension geometry), tighten with torque shown.

VIEW B

FORWARD

- ▲ 25-35 LBS FT
- ▲ 35-45 LBS FT
- ▲ 50-70 LBS FT
- ▲ 70-90 LBS FT
- ▲ 90-120 LBS FT



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FRONT SUSPENSION ASM. - ATTACHING		3	2-3-64	1	T. RIGGE (4) WAS TONGUE (5)	65582	TH	LF
10000			12-4-66	2	WAS 455509 WASHER	67889	BY	CI
DWG P/FEL. 2-7 JA REF: Prel. 2 L- 73532 L-		2.						
DATE: REL. 5-19 L- L- L-			<input checked="" type="checkbox"/> SHEET 1					



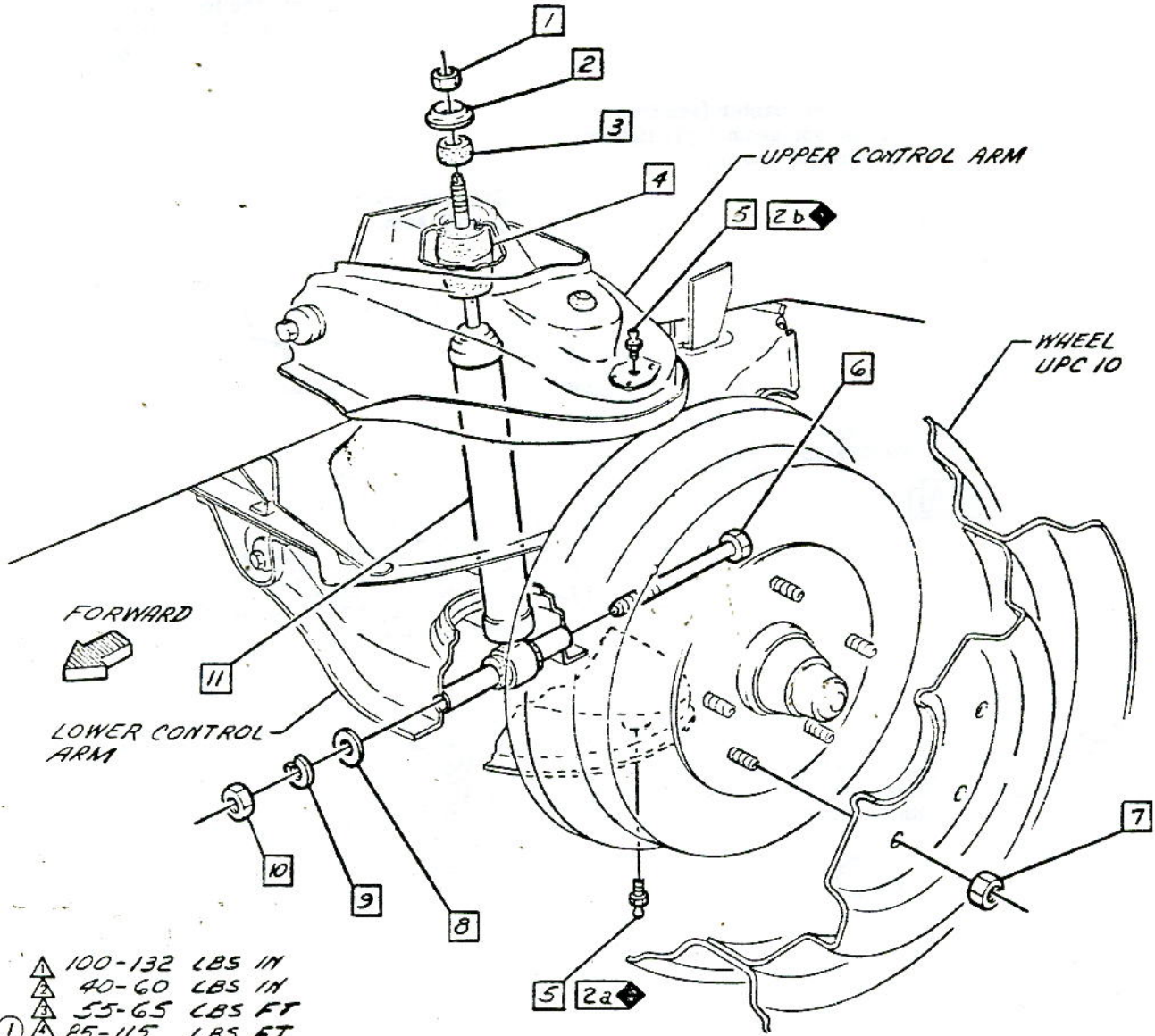
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERI

- | | | | | | | | |
|---|---|---------|--------------|----|---------|--------------------|-----|
| ① | 1 | 1365067 | NUT | 8 | 415919 | P. WASHER | |
| | 2 | 5544049 | RETAINER | 9 | 131101 | L. WASHER | |
| | 3 | 3708378 | GROMMET | ④ | 10 | 9417614 | NUT |
| ② | 4 | 3880522 | BUMPER ASM | 11 | 3186935 | SHOCK ABSORBER ASM | |
| ② | 5 | 9417901 | LUBE FITTING | | | | |
| | 6 | 3858356 | BOLT | | | | |
| ③ | 7 | 358501 | NUT | | | | |



- ① ▲ 100-132 LBS IN
- ▲ 40-60 LBS IN
- ▲ 55-65 LBS FT
- ① ▲ 85-115 LBS FT

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK.
SHOCK ABSORBER & LUBE FITTINGS		3	7-20-64	1	TORQUE 4 W/ 75-100 LBS FT	WEEZL	TH	DF
10000			8-2-65	2	WAS 3858354 BUMPER	WEEZL	JH	CI
DWG. PREL. 2-13								
DATE REL. 5-19								
REF: Prel. 3 L-73532 L-								
L- L- L-								
SHEET								



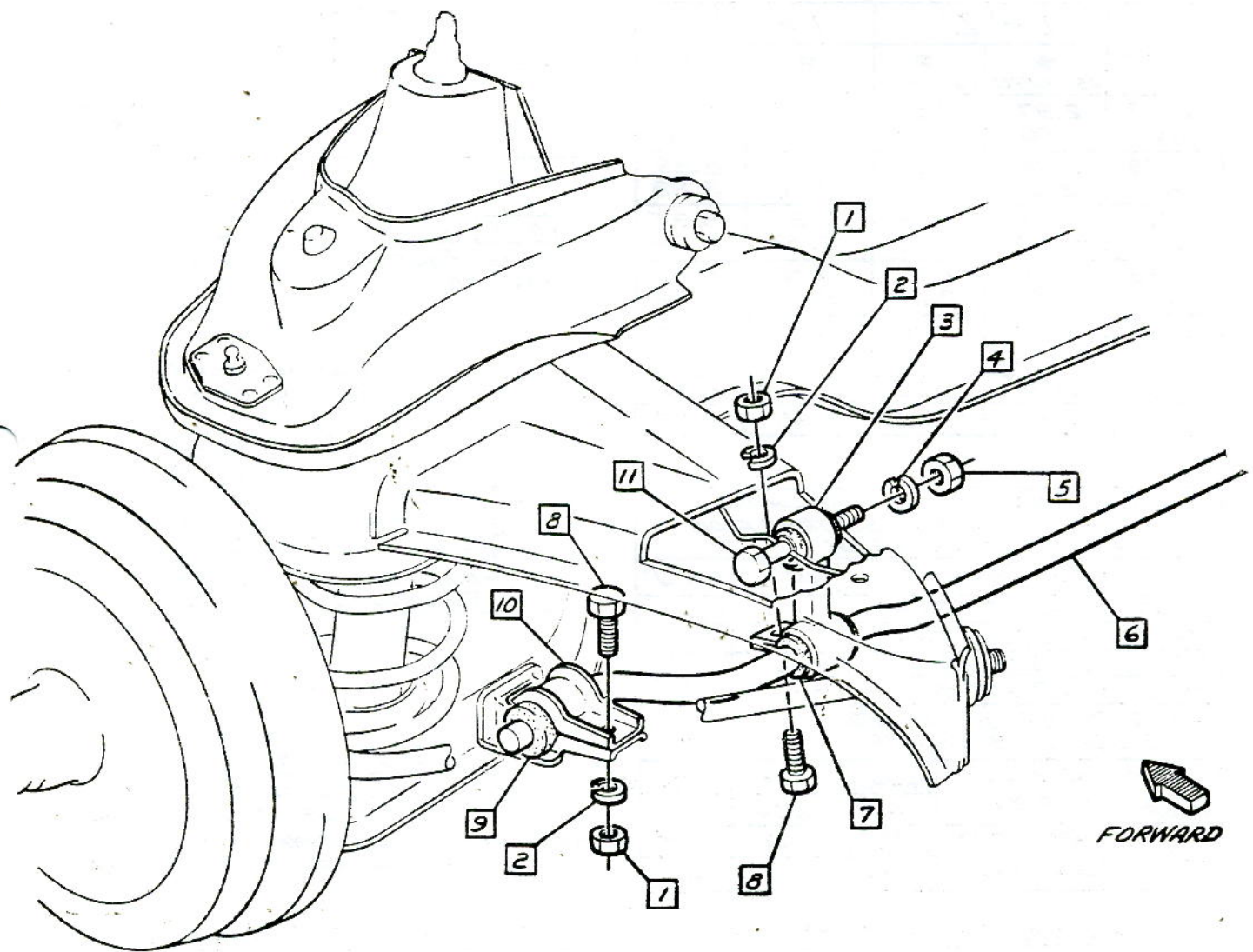
FRONT VIEW

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- | | | | | | | | |
|---|---|---------|-------------|---|---------|---------|---------------------------------|
| ① | 1 | 120376 | NUT | 7 | 3851087 | BUSHING | |
| ③ | 2 | 103320 | L. WASHER | ① | 8 | 122017 | BOLT-Must be installed as shown |
| | 3 | 3859145 | SUPPORT ASM | | 9 | 3859819 | BUSHING |
| | 4 | 103321 | L. WASHER | | 10 | 3859144 | CLAMP |
| ② | 5 | 6255875 | NUT | ⑤ | 11 | 454916 | BOLT |
| | 6 | 3859143 | SHAFT | | | | |



② ▲ 100-140 LBS IN
 ▲ 40-50 LBS FT
 ▲

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
STABILIZER BAR				3	9-25-64	1	BOLT NOTE ADDED	66467	GB	
						2	TORQUE (2) WAS 30-40 LBS FT			
10000				4.		3	WAS 1E7119 L. WASHER	63431		DF
						4	WAS 120377 NUT	66341		JC
DWG PREL. 2-14 JA REF: Prel. 4 L-73532 L-				SHEET		5	WAS 3733130 BOLT			CL
DATE REL. 5-19 L- L- L-										

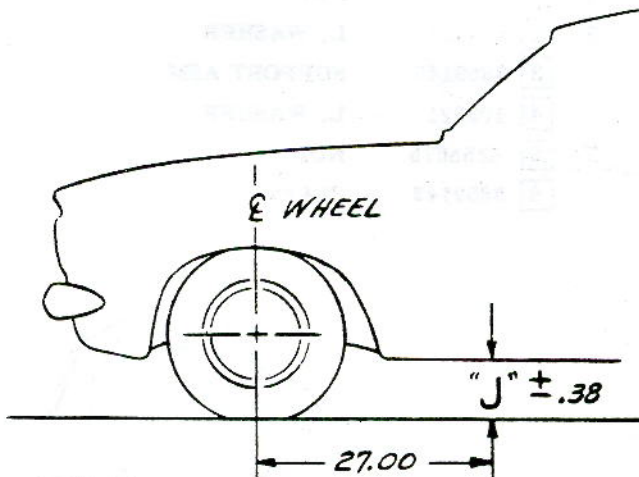


VEHICLE HEIGHTS

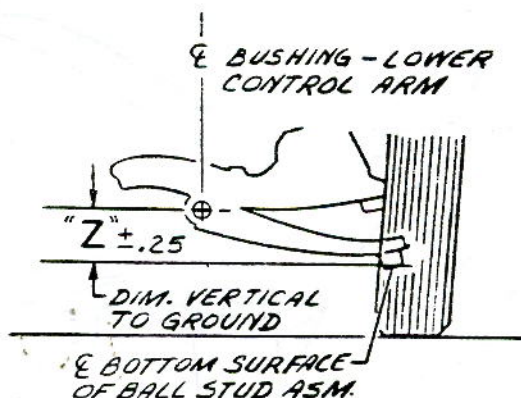
FIGURES INCLUDE AUTOMATIC TRANSMISSION RADIO & COMFORT & CONVENIENCE WITH WATER IN WINDSHIELD WASHERS.

NOTE PULL VEHICLE UP 3 OR MORE TIMES ALLOW TO SETTLE, THEN MEASURE "Z" & "J" DIMENSIONS.

MODEL	DIM. "Z"		DIM. "J"	
	★ AS SHIPPED	● CURB(REF)	★ AS SHIPPED	● CURB(REF)
10137 A/C	2.97 2.90	2.50 2.45	9.50 9.47	9.10 9.08
10139 A/C	2.74 2.69	2.27 2.24	9.29 9.26	8.89 8.88
10537 A/C	2.83 2.77	2.35 2.32	9.35 9.32	8.95 8.94
10539 A/C	2.60 2.55	2.13 2.10	9.14 9.12	8.75 8.74
10567 A/C	2.55 2.20	2.11 1.85	9.03 8.69	8.66 8.39
* 10737	2.72	2.25	9.24	8.84
* 10767	2.49	2.06	8.96	8.59



NOTE MEASURE "J" FROM ROCKER PANEL (NOT SILL MOLDING) TO GROUND.



LOAD CONDITIONS

- ★ AS SHIPPED - OIL, 2 GALS. OF FUEL & RECOMMENDED TIRE PRESSURE
- CURB WEIGHT - OIL, FULL TANK OF FUEL & RECOMMENDED TIRE PRESSURE

WHEN VEHICLE HAS THE FOLLOWING EQUIPMENT - ADD OR SUBTRACT FROM CHARTS AS SHOWN BELOW			
	EQUIPMENT	DIM. "Z"	DIM. "J"
PROD.	3 SPEED TRANS.	.00	+.01
PROD.	4 SPEED TRANS.	.00	.00
PROD.	L-63 ENGINE	+.01	-.02
PROD.	L-87 ENGINE	+.01	0

* HEIGHTS FOR 10700 MODELS INCLUDE L-63 ENGINE

SEDAN & COUPE	HEAVY DUTY SUSP. Z17	AS SHIPPED	-1.21	-.99
		CURB	-1.04	-.86
CONV	HEAVY DUTY SUSP. Z17	AS SHIPPED	-1.00	-.78
		CURB	-.87	-.67

RECOMMENDED TIRE PRESSURE

HEAVY DUTY SUSPENSION

ALL MODELS - 19 LBS FRONT
30 LBS ± 2 LBS REAR

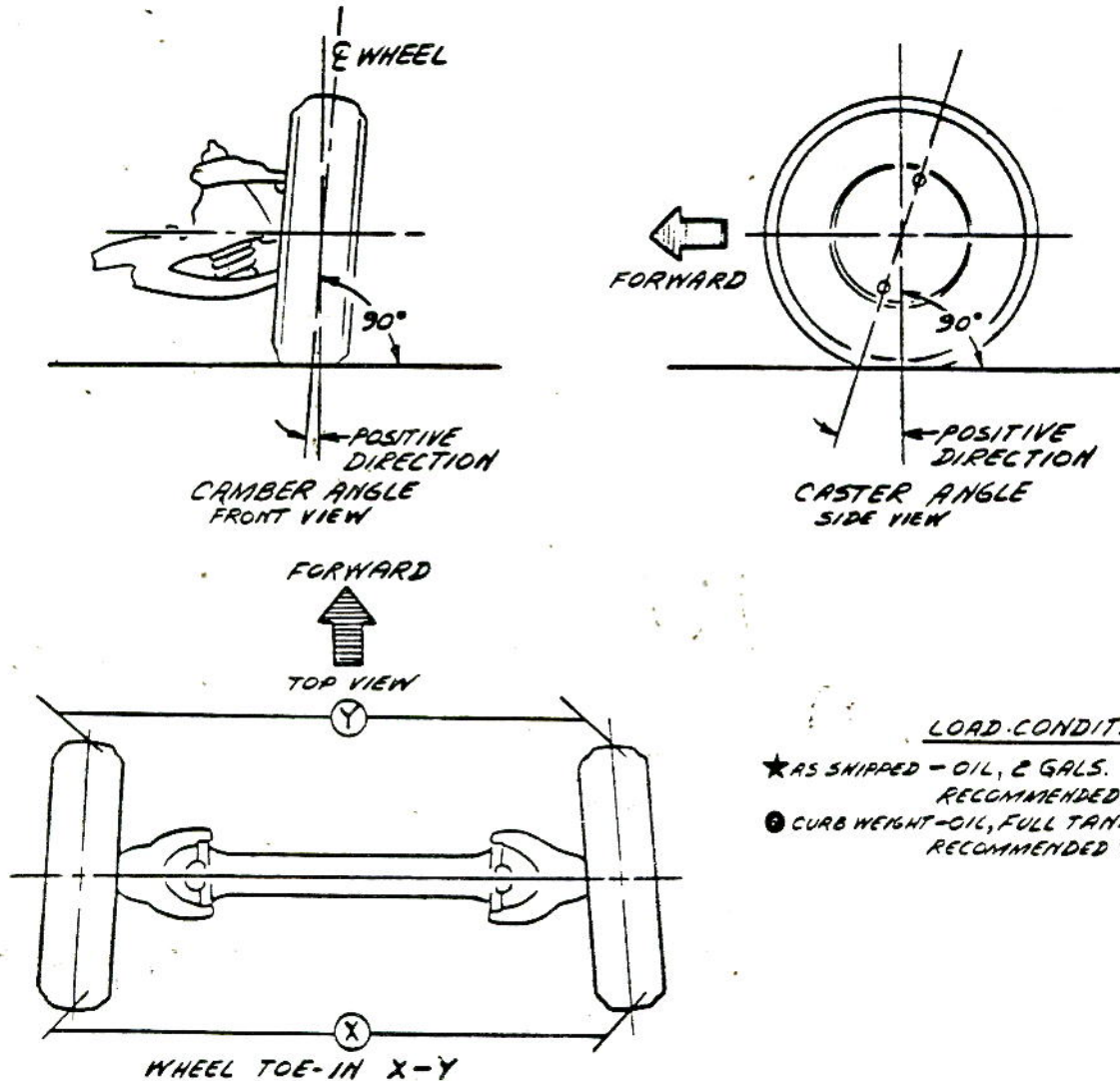
RECOMMENDED TIRE PRESSURE

SEDAN & COUPE - 15 LBS FRONT & 26 LBS (EXC. A/C) ± 2 LBS REAR
A/C & CONVERTIBLE - 15 LBS FRONT & 28 LBS ± 2 LBS REAR

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FRONT TRIM HEIGHTS				3	12-7-64	E	REDRAWN & REDESIGNED	67298	J.C.	C1
10000				5.						
DWG PREL. 2-15	JA	REF: Prel. 5	L- L-							
DATE REL. 4-28			L- L-	SHEET						

MODELS	* CAMBER		* CASTER		TOTAL TOE-IN	
	★ AS SHIPPED	● CURB (REF.)	★ AS SHIPPED	● CURB (REF.)	★ AS SHIPPED	● CURB (REF.)
ALL	40' ± 30'	1° ± 30'	① 2°30' ± 30'	② 3° ± 30'	1/2" TO 5/8"	1/4" TO 3/8"
			③	④		

* LEFT & RIGHT SIDES EQUAL WITHIN 0°30'



LOAD CONDITIONS

- ★ AS SHIPPED - OIL, 2 GALS. OF FUEL & RECOMMENDED TIRE PRESSURE
- CURB WEIGHT - OIL, FULL TANK OF FUEL & RECOMMENDED TIRE PRESSURE

★ CHEVROLET MOTOR DIVISION, GMC ★				UPC	DATE SYM	REVISION RECORD	AUTH.	DR	EX
FRONT SUSPENSION GEOMETRY				3	10/24/64	1 WAS 1°30' ± 30'	26547 MM		
10000				6.		2 WAS 2° ± 30'		HB	
DWG. PREL. 2-17	JA	REF: Prel. 6	L- L-	6.	12-30-64	3 WAS 3°3' ± 30'	68389 BR		
DATE REL. 5-49		L- L-	L- L-	★ SHEET		4 WAS 3°30' ± 30'		CI	

SECTION 4
REAR SUSPENSION

SHEET

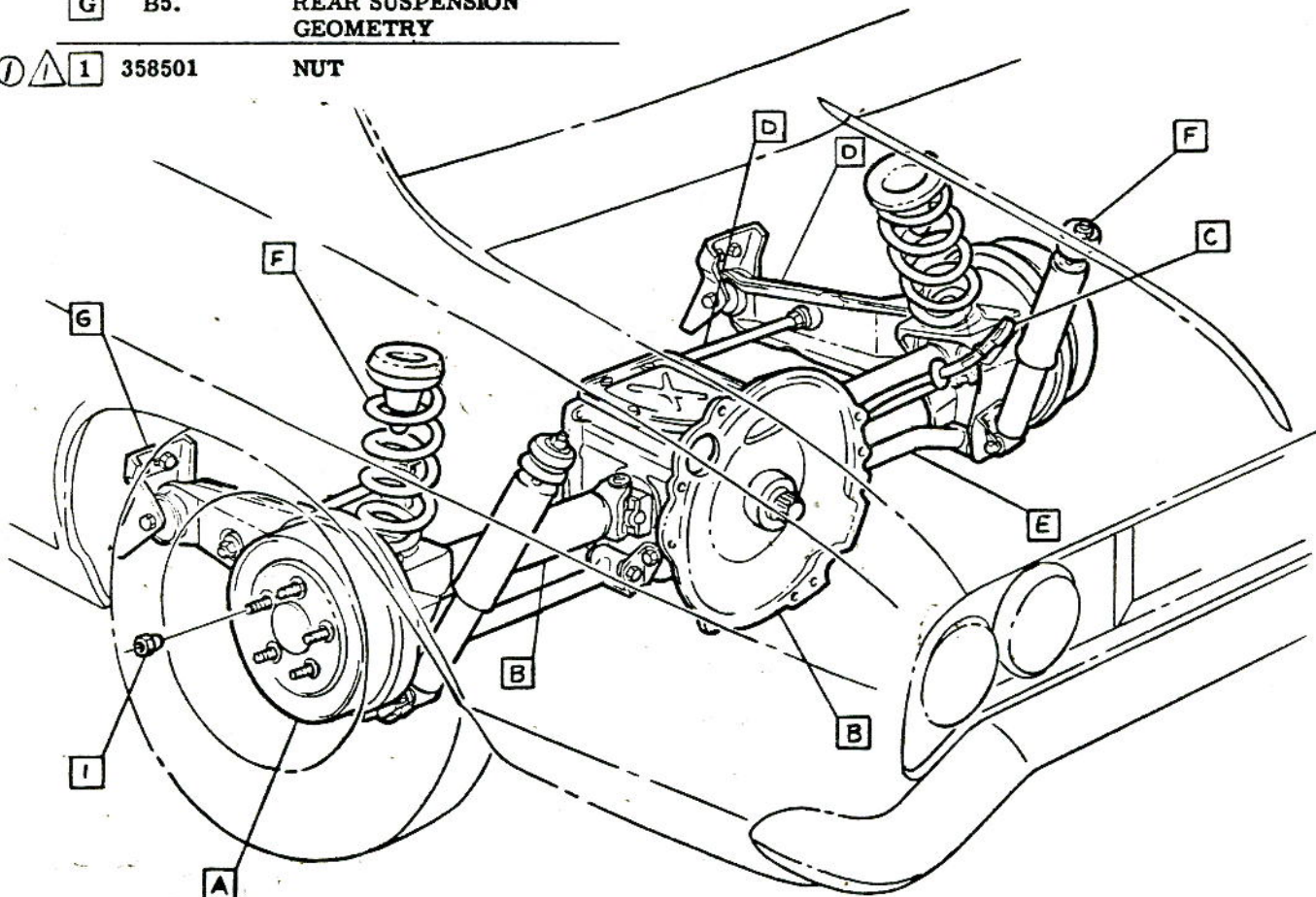
TITLE

NOT ILLUSTRATED ON THIS SHEET

A	A1.	CONTENTS
A	A3.	REAR WHEEL SPINDLE, SUPPORT & BRAKE
B	A4.	DIFF. CARRIER & DRIVE SHAFT & UNIVERSAL JOINT
C	A5.	DIFF. CARRIER DIPSTICK
D	B1.	TORQUE CONTROL ARM & FRONT STRUT
E	B2.	REAR STRUT
F	B3.	SPRING & SHOCK ABSORBER
G	B5.	REAR SUSPENSION GEOMETRY

<u>SHEET</u>	<u>TITLE</u>
A2.	REAR SUSPENSION ASSEMBLY PROCEDURE
B4.	REAR TRIM HEIGHTS

① **A** 1 358501 NUT



▲ 55-65 LBS.FT.
▲
▲
▲

● CHEVROLET MOTOR DIVISION, GMC ●		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CR
REAR SUSPENSION CONTENTS		4	2-23-65	1	TORQUE SYM. (1) ADDED	68894	JM	C1
10000		A1.						
DWG PREL 4-1	CS	REF: Prel. 1	L-73569	L-				
DATE REL 5-7		L-	L-	L-				
		SHEET						



REAR SUSPENSION ASSEMBLY PROCEDURE

- 1 SUB-ASSEMBLE REAR STRUT TO STRUT BRACKET AT 81° AS SHOWN
- 2 ASSEMBLE STRUT BRACKET TO DIFFERENTIAL CASE
- 3 SUB-ASSEMBLE FRONT STRUT ROD TO FRONT STRUT BRACKET
- 4 ASSEMBLE FRONT STRUT BRACKET LOOSELY TO TRANSMISSION SUPPORT
- 5 PRESS (4) BOLTS INTO TORQUE ARM
- 6 SUB-ASSEMBLE TORQUE ARM BRACKET TO TORQUE ARM AT 62° AS SHOWN
- 7 ASSEMBLE TORQUE ARM TO REAR STRUT LOOSELY WITH CAM BOLT
- 8 ASSEMBLE HUB ASSEMBLY TO TORQUE ARM
- 9 ASSEMBLE AXLE SHAFT TO SPINDLE FLANGE
- 10 ASSEMBLE FRONT STRUT TO TORQUE ARM
- 11 ASSEMBLE AXLE SHAFT TO DIFFERENTIAL CARRIER
- 12 ALIGN CENTER MARK ON CAMBER ADJUSTING CAM WITH MARK ON CAM GUIDE & TIGHTEN NUT. **NOTE** Axle shaft should be approx horizontal when nut is tightened. SEE SHEET B2.
- 13 RAISE ENGINE INTO POSITION & ASSEMBLE TO FRONT & REAR ENGINE MOUNTS
- 14 ASSEMBLE TORQUE ARM BRACKET TO BODY ALIGNING CENTER MARKS ON TOP & BOTTOM OF BRACKET WITH ARROWS ON BODY. SEE SHEET B2.
- 15 TIGHTEN FRONT STRUT BRACKET TO TRANSMISSION SUPPORT ATTACHING BOLTS. **NOTE** Tighten bolt with suspension approx at curb
- 16 ASSEMBLE REAR SHOCK ABSORBER TO CONTROL ARM.
- 17 SUB-ASSEMBLE JOUNCE BUMPER TO SPRING RETAINER
- 18 INDEX & RETAIN RUBBER INSULATOR TO SPRING RETAINER
- 19 PLACE RETAINER ON SPRING & INDEX STOP AGAINST END OF SPRING
- 20 COMPRESS SPRING & POSITION BETWEEN SPRING SEATS, INDEXING PIGTAIL 3/8± 1/8 FROM STOP ON LOWER SPRING SEAT. **NOTE** Spring must not be compressed to a gap between compressed coils under an average of .179
- 21 RELEASE SPRING

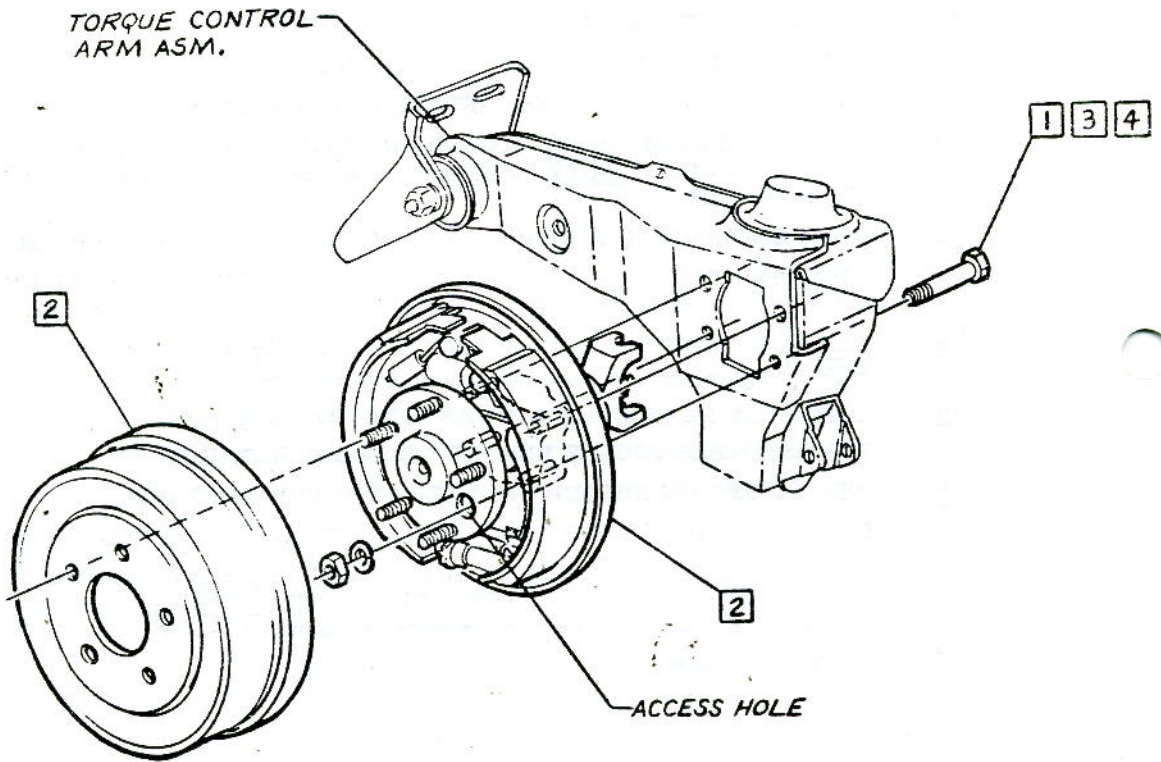
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
REAR SUSPENSION ASSEMBLY PROCEDURE		4						
10000		A2.						
DWG PREL 5-8	CS	REF: Prel. A4.	L-	L-				
DATE REL 5-22		L-	L-	L-				
		<input checked="" type="checkbox"/> SHEET						



ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- ④ ① 3875097 BOLT
- ② 3858093-4 REAR WHEEL SPINDLE, SUPPORT & BRAKE ASM L. & R.H.
- ① ③ 131099 L. WASHER (UPC 5) ② ⑤
- ① ④ 6255675 NUT (UPC 5) ② ⑥
- ⑦ ⑤



③ ▲ 35-45 LBS.FT.
▲
▲

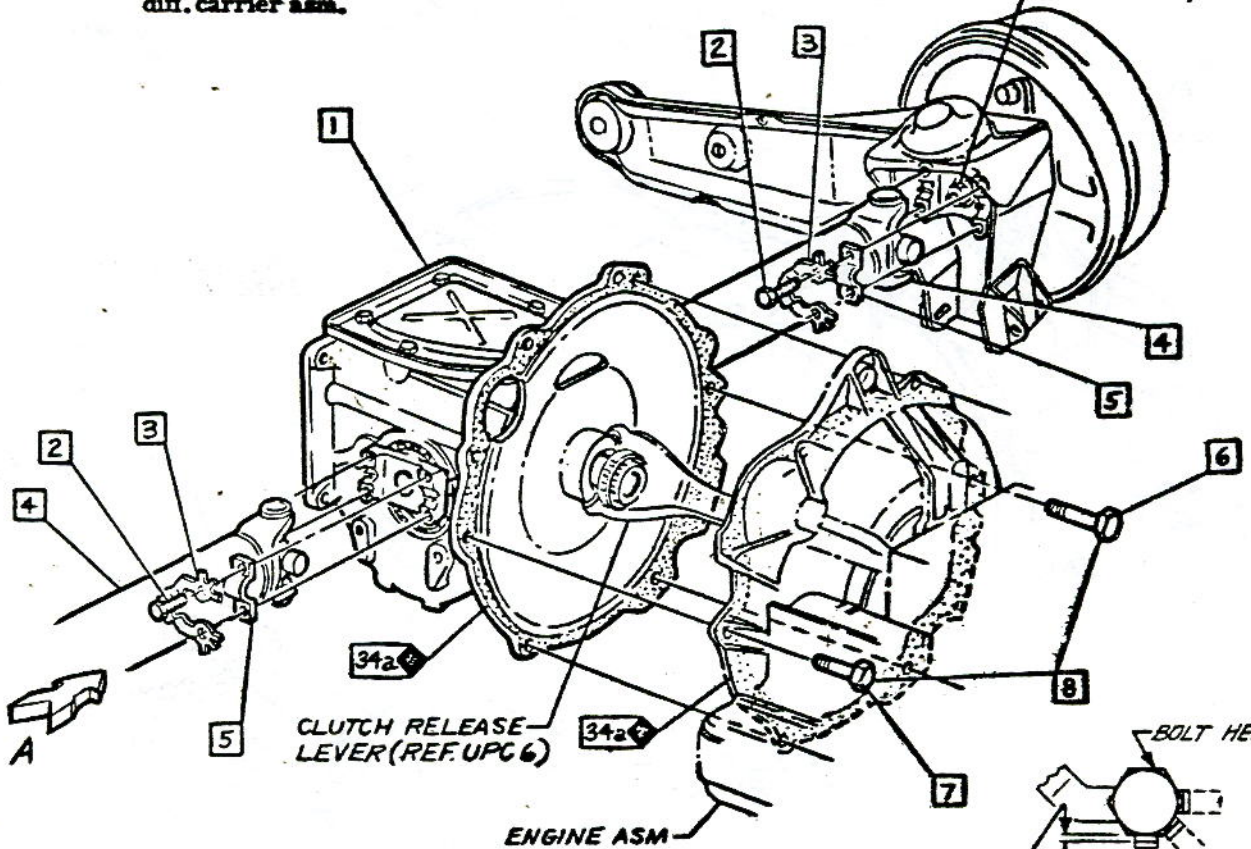
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
REAR WHEEL SPINDLE, SUPPORT & BRAKE ASM.		4	-25-64	1	WAS 103321 L. WASHER	—	CS	
				2	"UPC" NOTE ADDED (3 PLCS)	64798	HB	
10000		A3.	1-10-64	3	TORQUE (1) WAS 25-35 LBS FT	66467	GB	HB
			12-7-64	4	WAS 3860235 BOLT	67676	BR	CI
DWG PREL 3-14 CS REF: Prej. A1 L-65080 L-73569		SHEET X	12-30-64	5	WAS 455509 WASHER	67889	BY	
				6	WAS 103026 NUT	67868		
DATE REL 3-14 L-73570 L-				7	3656898 NUT REMOVED	15958	BR	CI

- 1 3855496 CARRIER ASM (EXC 10700)
3855497 10700
- ⚠ 2 3877199 BOLT Ⓢ
- Ⓢ 3 3884902 LOCK - SPECIAL Ⓢ
- 4 3859430 DRIVE SHAFT & UNIVERSAL JOINT
- Ⓢ 5 3880102 STRAP
- ⚠ 6 3834236 BOLT (ONE ONLY - THIS LOCATION)
- ⚠ 7 3828782 BOLT

8 Suggested assembly sequence. Install these (2) bolts first in pilot holes to provide proper index for installation of remaining bolts.

NOTE See UPC 7 for lubrication of diff. carrier asm.

U JOINT FLANGE (PART OF WHEEL SPINDLE, SUPPORT & BRAKE ASM)



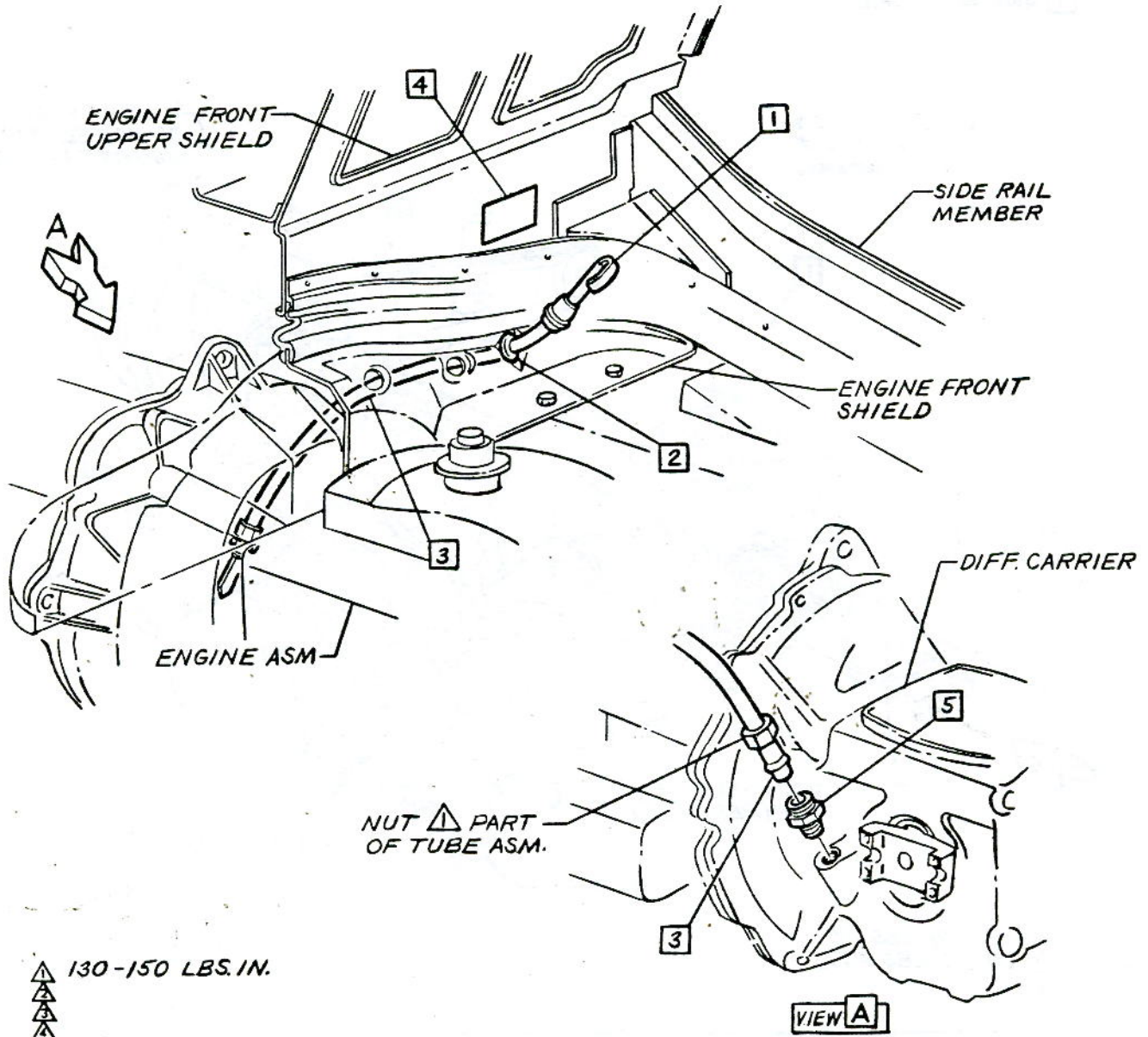
- Ⓢ 86-106 LBS IN.
- Ⓢ 20-30 LBS. FT.
- Ⓢ
- Ⓢ

NOTE BEND ALL TAB'S TIGHT TO .020 MAX. GAP

12 VIEW A

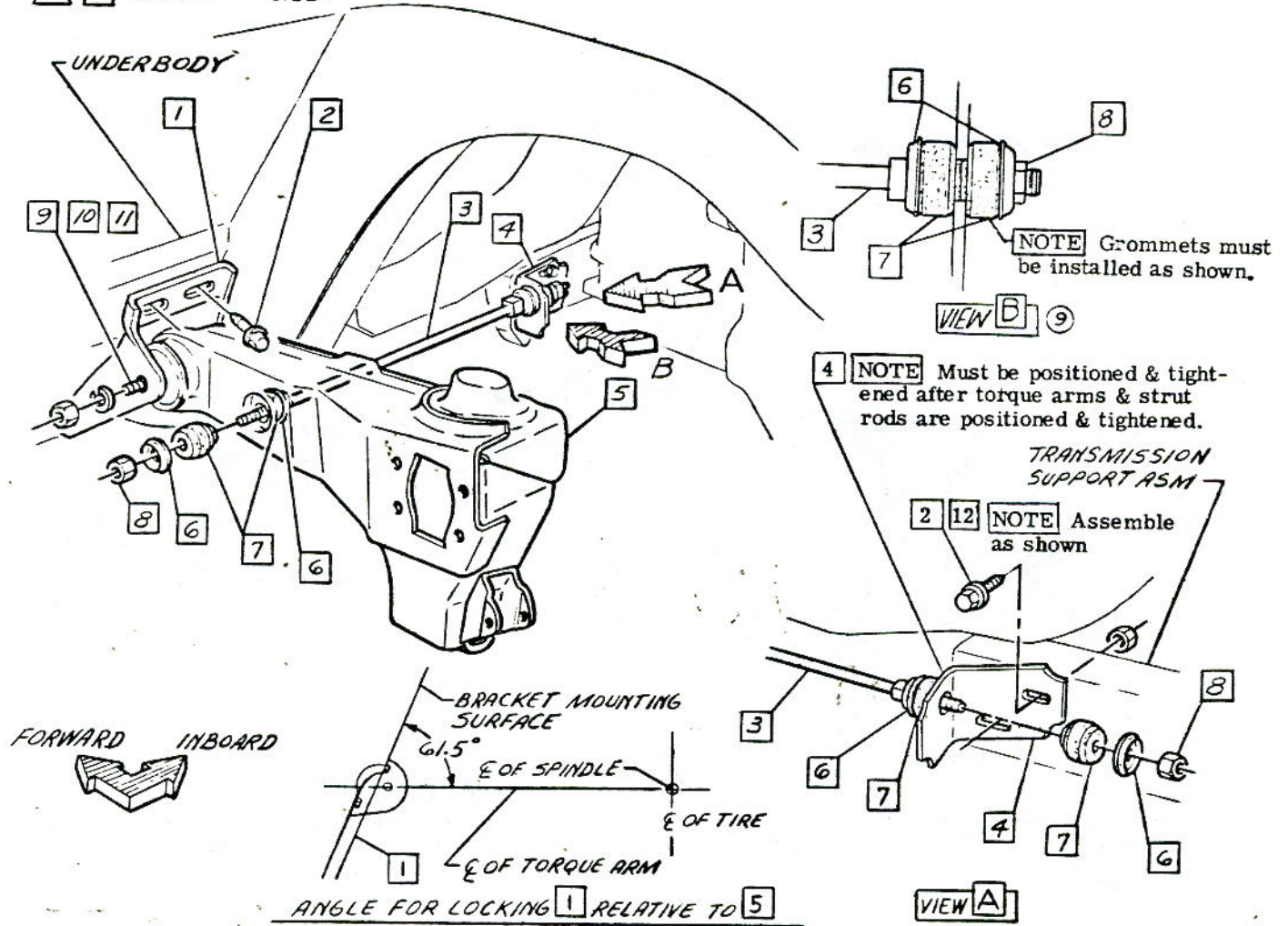
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK	
DIFF. CARRIER & DRIVE SHAFT & UNIVERSAL JOINT		4	1-25-65	8	WAS 3871340 BOLT	6866	JT		
10000					9	WAS 3871347 LOCK	6879	ME	
DWGPREL 3-18 CS REF: Prod. A2 L-73578L- DATE REL 5-22		A4.		10	ITEM 9 REMOVED			CI	
				4-23-65	11	WAS 108578 WASHER	7018	LS	
					12	VIEW A ADDED			
					13	TORQUE (1) WAS 95-120 LBS. IN.			
					14	WAS 3875779 STRAP	6955		CI

- ① 1 3874531 GAGE ASM
- 2 3864013 GROMMET
- ② 3 3874530 TUBE ASM
- 4 3849736 STICKER-DIFF OIL LEVEL INFO
- ① 5 140286 CONNECTOR



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
DIFF. CARRIER DIPSTICK				4	10-22-64	1	WAS 3864011 GAGE ASM.	66879	CS	
						2	WAS 3864012 TUBE ASM.			HB
10000				A5.						
DWG PREL 3-30	CS	REF: Prel. A3	L-73563 L-		SHEET	X				
DATE REL 3-30		L-	L-							

- | | | | | | | |
|---|-----------|------------------------|---|---------|-----------|------------|
| ① | 3858018 | BRACKET | ⑨ | 3857928 | BOLT | |
| ② | 3831892 | SCREW ASM | ⑩ | 103330 | L. WASHER | |
| ③ | 3858423-4 | STRUT-FRONT L. & R. H. | ⑪ | 103029 | NUT | |
| ④ | 3875055-6 | BRACKET-L. & R. H. | ⑫ | 102635 | NUT | |
| ⑩ | ⑤ | 3880423-4 | ⑧ | ⑬ | 3791421 | SCREW ASM. |
| | ⑥ | 5544049 | | | | |
| | ⑦ | 5544296 | | | | |
| ② | ⑧ | 3816622 | | | | |
| | | RETAINER | | | | |
| | | GROMMET | | | | |
| | | NUT | | | | |



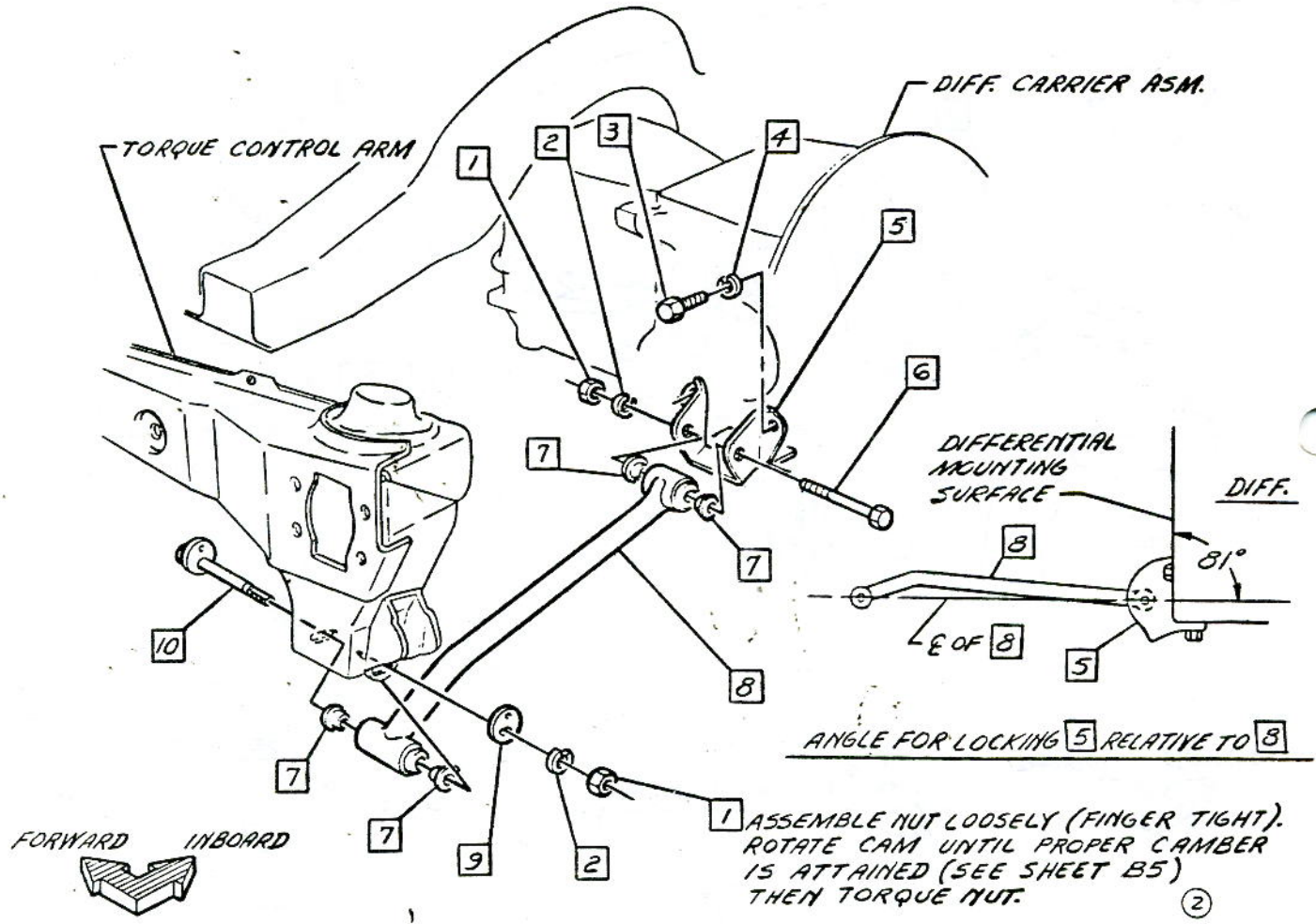
- ▲ 20-30 LBS FT
- ▲ 11-15 LBS FT
- ▲ 90-130 LBS FT

⑥

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TORQUE CONTROL ARM & FRONT STRUT		4	2-17-65	6	ASSEMBLY NOTE REMOVED	68854	JM	
10000				7	WAS 3791421 SCREW		JT	
DWG PREL. 3-27 JA REF: Prel. B5 L-65090L-73569		B 1.		8	ITEM 13 ADDED			CI
DATE PREL. 5-21 L- L- L-				3-11-65	9	VIEW B ADDED		JC
		SHEET 1		10	WAS 3858019-20 ARM	69876	LS	CI



- ① 1 3792930 NUT
- 2 103329 L. WASHER
- ② 3 179838 BOLT
- 4 103321 L. WASHER
- 5 3858040 BRACKET
- 6 3857932 BOLT
- ③ 7 3877519 CAP
- 8 3858034 STRUT ASM-REAR
- 9 3790331 CAM
- 10 3858038 CAM ASM



① ▲ 70-90 LBS FT
 ▲ 20-30 LBS FT
 ▲

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
REAR STRUT		4	8-4-64	1	TORQUE (1) WAS 75-90 LBS FT	65582	TH	DF
			9-25-64	2	WAS PREL. B2	66467	GB	DF
10000		B 2.	12-19-64	3	WAS 3858039 CAP	15933	BR	CI
DWG PREL. 3-19	JA		REF: PREL. B4	L-65090	L-			
LATE REL. 5-21			L-	L-				
		☒ SHEET						

3862100

CORVAIR 10000 SERIES

- 1 3858016 CUSHION
- 2 3858015 RETAINER
- ① 3 1365067 NUT
- 4 3798007 RETAINER
- 5 5544296 GROMMET
- 6 3186936 SHOCK ABSORBER ASM
- ② 7 3857934 BOLT
- ③ 8 103328 L. WASHER

- 9 271500 NUT
- ① 10 3859201 SPRING (EXCEPT CONVERTIBLES)
- 3859202 CONVERTIBLE & C64
- 11 3858017 BUMPER ASM
- 12 103321 L. WASHER
- ③ 13 102635 NUT

ASSEMBLY SEQUENCE

LOAD ⑩, ② & ① IN SPRING COMPRESSOR WITH SPRING END AGAINST STOP IN RETAINER & CUSHION RETAINED TO TOP FACE OF RETAINER WITH LEDGE STOPS SEATED TO EACH OTHER. LOAD SPRING IN JOB & POSITION LOWER SPRING END IN SEAT AS SPECIFIED.

NOTE END OF COIL MUST BE $\frac{3}{8} \pm \frac{1}{8}$ FROM STOP

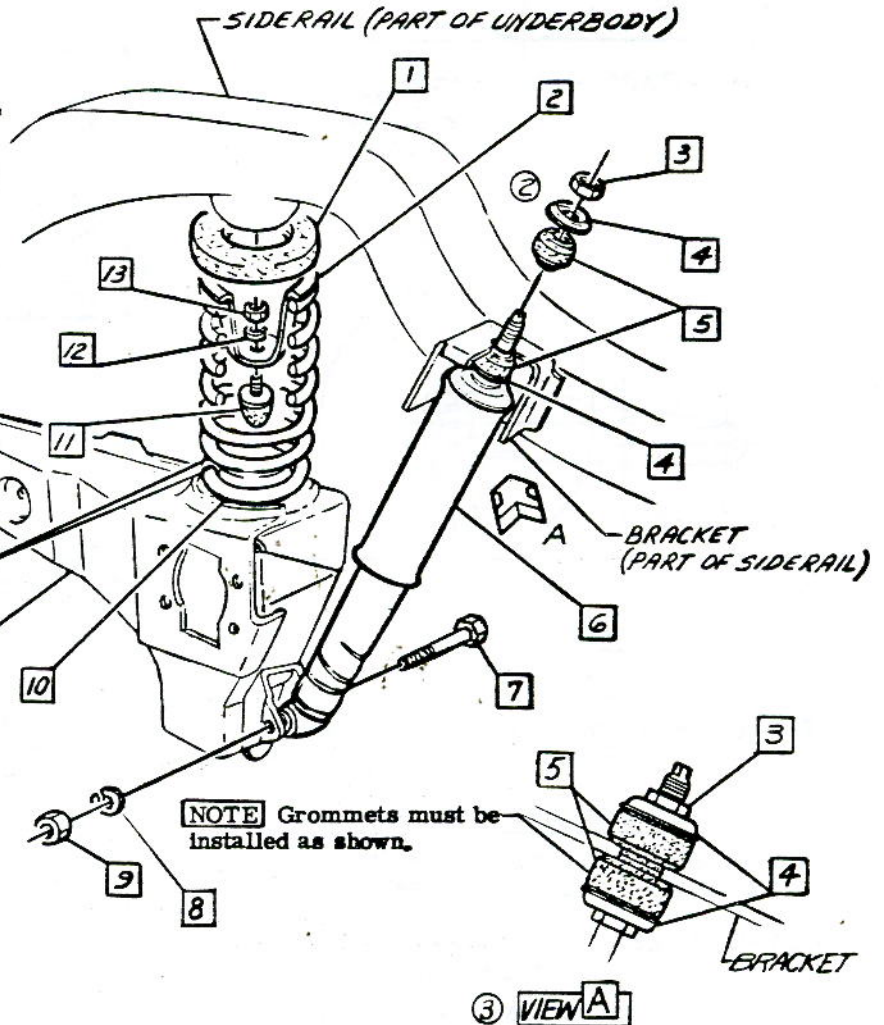
TORQUE CONTROL ARM

FORWARD INBOARD



NOTE Grommets must be installed as shown.

- ① 75-100 LBS IN
- ② 35-55 LBS FT
- ③ 15-24 LBS FT

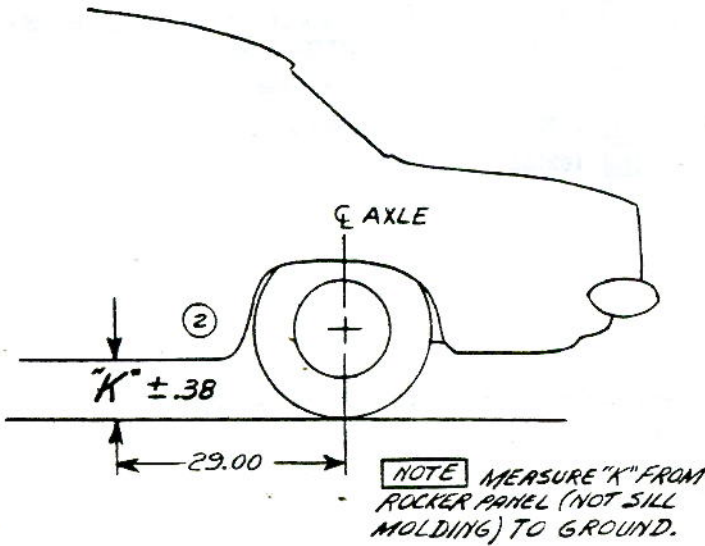


• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
REAR SPRING & SHOCK ABSORBER		4	10/22/64	1	CONV. EXCEPTIONS ADDED	66214	MM	H/S
10000			5-11-65	2	DRAWING REVISED		JC	
DWG. PREL. 3-18								
DATE. REL. 5-21								
REF: Prel. B1 L-65090L		B 3.						
L- L- L-			SHEET					

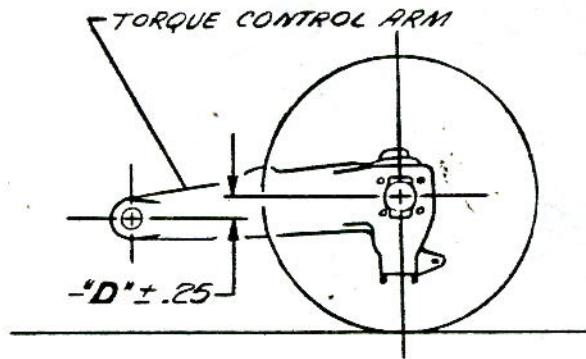
VEHICLE HEIGHTS

FIGURES INCLUDE AUTOMATIC TRANSMISSION, RADIO, & COMFORT & CONVENIENCE WITH WATER IN WINDSHIELD WASHERS.

NOTE PULL VEHICLE UP 3 OR MORE TIMES ALLOW TO SETTLE, THEN MEASURE "D" & "K" DIMENSIONS.



MODELS	DIM. "D"		DIM. "K"	
	★ AS SHIPPED	● CURB (REF)	★ AS SHIPPED	● CURB (REF)
10137	-.59	-.68	8.53	8.38
A/C	-.50	-.60	8.62	8.47
10139	-.69	-.78	8.40	8.24
A/C	-.61	-.70	8.49	8.34
10537	-.72	-.82	8.58	8.22
A/C	-.63	-.73	8.47	8.32
10539	-.80	-.90	8.27	8.11
A/C	-.72	-.80	8.36	8.21
10567	-.91	-1.00	8.15	8.01
A/C	-1.14	-1.21	7.89	7.77
* 10737	-.79	-.89	8.29	8.14
* 10767	-1.00	-1.09	8.07	7.92



WHEN VEHICLE HAS THE FOLLOWING EQUIPMENT - ADD OR SUBTRACT FROM CHARTS AS SHOWN BELOW.			
	EQUIPMENT	DIM "D"	DIM "K"
PROD.	3 SPEED TRANS.	+ .03	+ .02
PROD.	4 SPEED TRANS.	0	0
PROD.	L-63 ENGINE	-.08	-.07
PROD.	L-87 ENGINE	-.03	-.04

* HEIGHTS FOR 10700 MODELS INCLUDE L-63 ENGINE

SEDAN & COUP	HEAVY DUTY SUSP. Z17	AS SHIPPED	-.77	-.71
		CURB	-.74	-.66
CONV.	HEAVY DUTY SUSP. Z17	AS SHIPPED	-.53	-.52
		CURB	-.50	-.48

RECOMMENDED TIRE PRESSURE
HEAVY DUTY SUSPENSION
ALL MODELS - 19 LBS FRONT & 30 LBS
± 2 LBS REAR

LOAD CONDITIONS

- ★ AS SHIPPED - OIL, 2 GALS. OF FUEL & RECOMMENDED TIRE PRESSURE
- CURB WEIGHT - OIL, FULL TANK OF FUEL & RECOMMENDED TIRE PRESSURE

RECOMMENDED TIRE PRESSURE

SEDAN & COUPE - 15 LBS. FRONT & 26 LBS.
(EXC A/C) ± 2 LBS REAR

CONVERTIBLE - 15 LBS. FRONT & 28 LBS.
± 2 LBS REAR

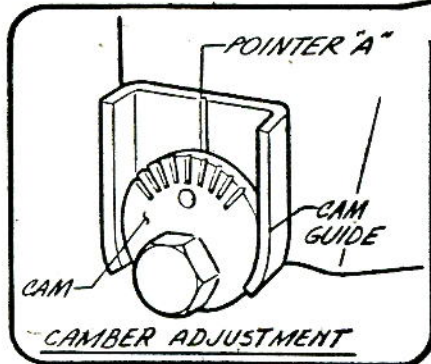
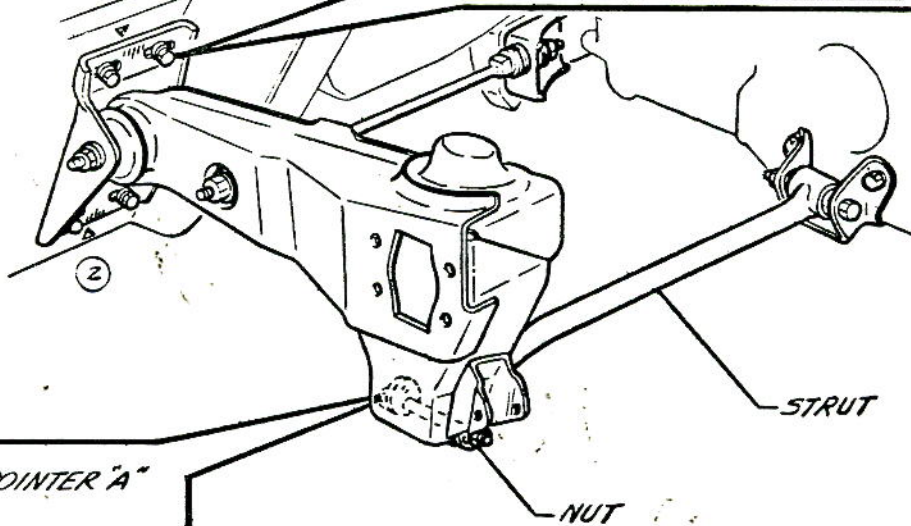
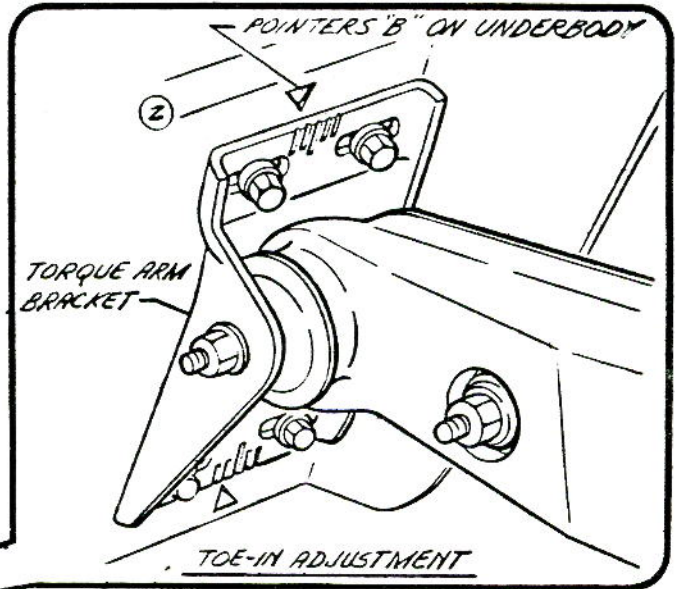
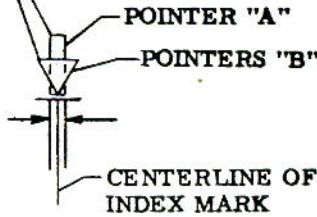
A/C - 15 LBS. FRONT & 28 LBS.
± 2 LBS REAR

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE SYM	REVISION RECORD	AUTH DR CK
REAR TRIM HEIGHTS		4	12-7-64 7	REDRAWN & REDESIGNED	67258 J.C. C1
10000		B 4.			
DWG PREL. 3-19 JA	REF: Prel. B3 L- L-	<input checked="" type="checkbox"/> SHEET			
DATE REL. 4-24	L- L- L-				

CAMBER-TOE IN ADJUSTMENT

- ④ 1. "ROTATE L. H. ADJUSTING CAM (1) ONE MARK COUNTERCLOCKWISE AND THE R. H. CAM ONE MARK CLOCKWISE FROM CENTER MARK ON CAM".
- ① 2. ASSEMBLE TORQUE ARM BRACKET TO BODY ALIGNING POINTERS "B" ON UNDERBODY
- ③ 3. MIDWAY BETWEEN ONE MARK OUTBOARD AND
- ⑤ 5. CENTER MARK ON TORQUE ARM BRACKET.

NOTE: POINTERS MUST BE ALIGNED TO CENTERLINE OF INDEX MARKS $\pm .030$



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
REAR SUSPENSION GEOMETRY		4	8-75-6A	1	NOTE REVISED	66060	MF	
10000			12-30-6A	2	DRAWING REVISED	68389	BR	CI
DWG PREL 3-19 J/A			7-23-65	3	NOTE REVISED	68894	JM	
DATE REL. 5-21				4	NOTE REVISED			
REF: Prel. 82 L- L-				5	NOTE REVISED			CI
L- L- L-		B 5.						
		SHEET X						

SECTION 5
BRAKES



SHEET

TITLE

SHEET

TITLE

A1. CONTENTS

C

C1. REAR CABLES

A

A2. BRAKE CYLINDER, PEDAL & BRACKET ASM

C2. PARKING BRAKE

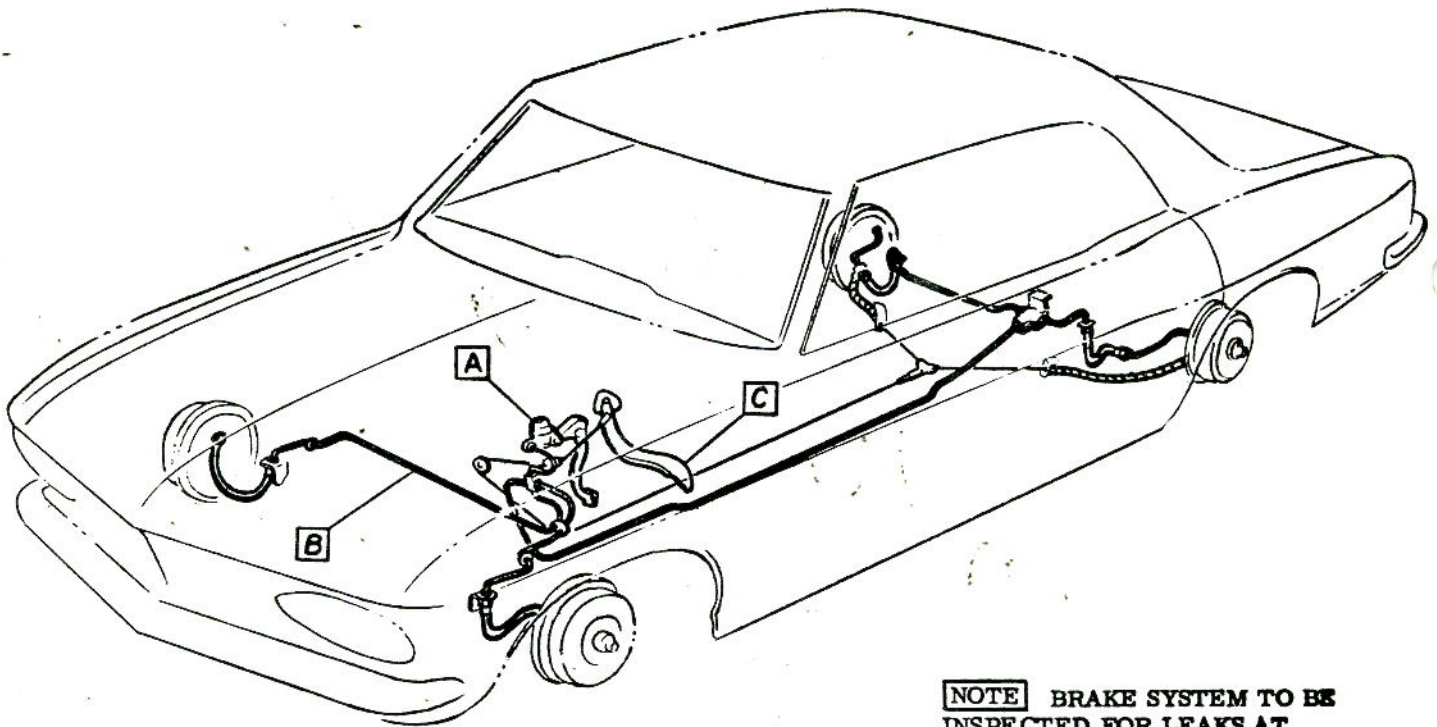
B

B1. FRT BRAKE PIPES

C3. PARKING BRAKE

B2. TUNNEL AREA BRAKE PIPE

B3. REAR BRAKE PIPE

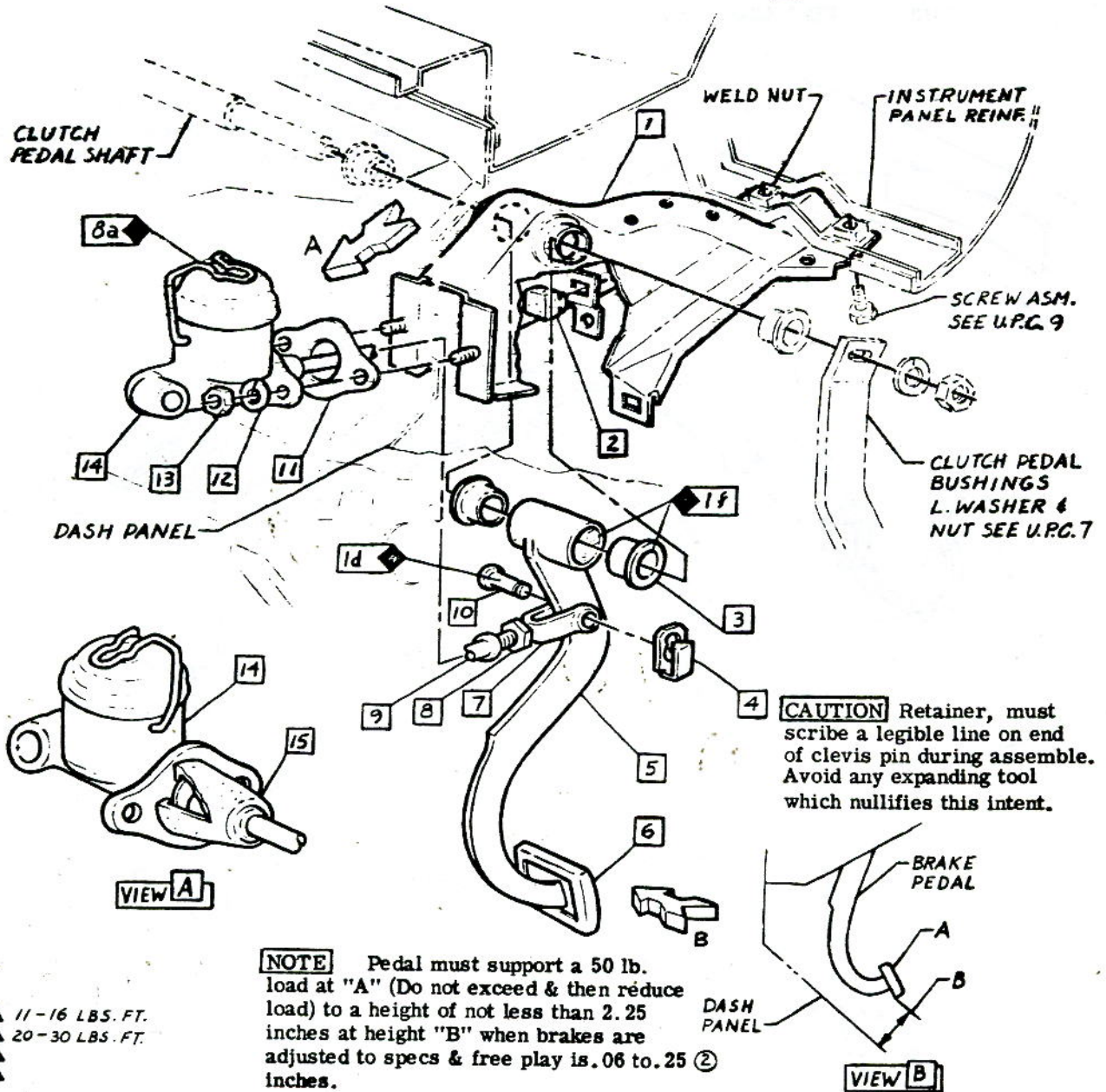


NOTE BRAKE SYSTEM TO BE INSPECTED FOR LEAKS AT 2000 PSI TO 2100 PSI.



CHEVROLET MOTOR DIVISION, GMC			UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
BRAKE - CONTENTS			5						
10000			A1.						
DWG REL. 3-10	AM	REF: Prod. A 2	L-						
DATE REL. 5-7		L-	L-						
			SHEET	<input checked="" type="checkbox"/>					

- | | | | | | |
|-----------|-------------|-------------|--------|--------------|--------------|
| 1 3852897 | BRACKET ASM | 6 6256368 | COVER | 11 3790853 | GASKET |
| 2 3723230 | BUMPER | 7 3812904 | CLEVIS | 12 103321 | L. WASHER |
| 3 3798256 | BUSHING | ① 8 9419815 | NUT | 2 13 9418931 | NUT |
| 4 3817880 | RETAINER | 9 3812970 | ROD | 14 5465094 | CYLINDER ASM |
| 5 3857885 | PEDAL ASM | 10 3817879 | PIN | 3845275 | OPT. |
| | | | | 15 5456779 | BOOT |



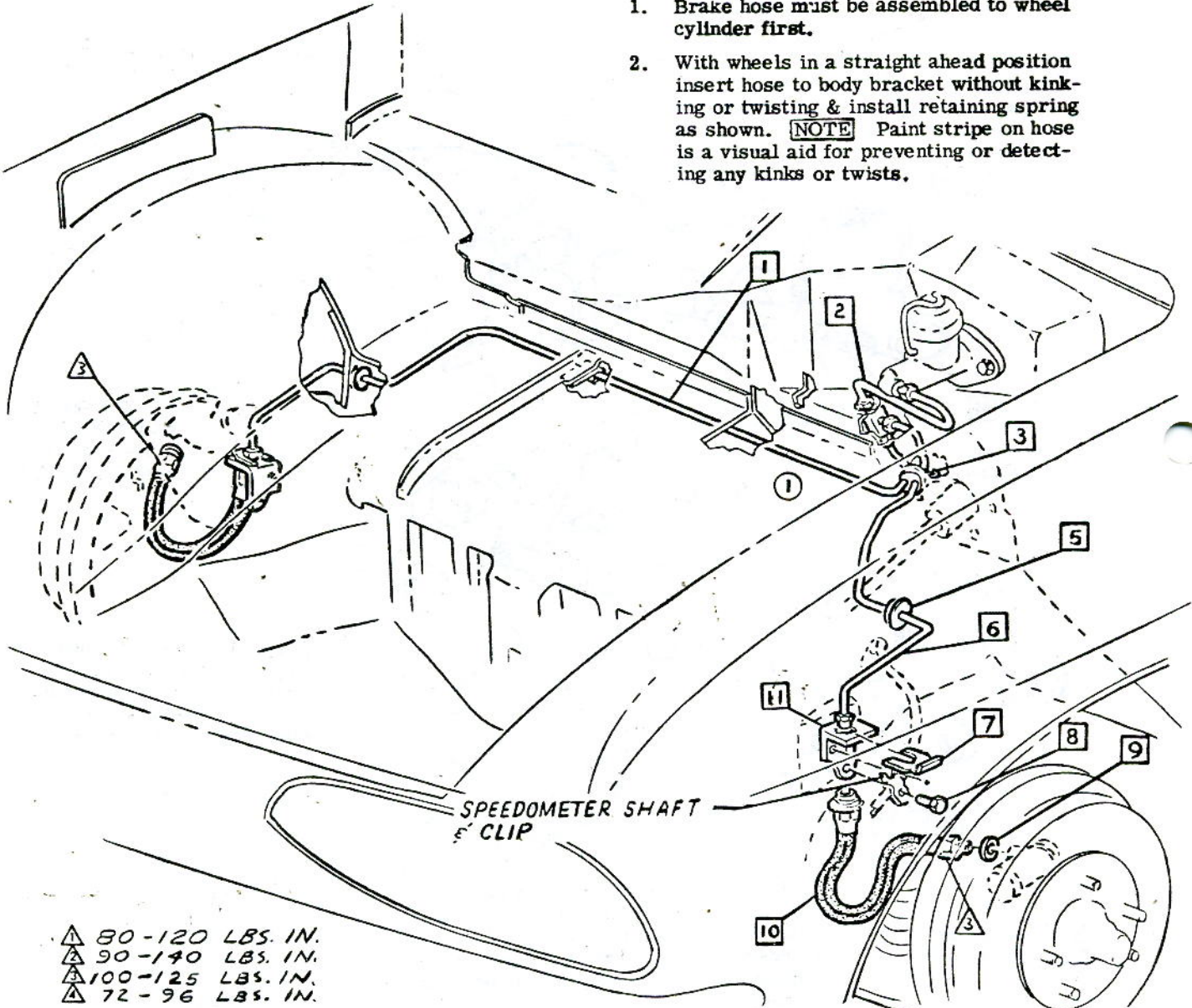
• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
BRAKE-CYLINDER PEDAL & BRACKET ASM				5	7-2-64	1	WAS 124925 NUT	62920	CO	DF
					9-25-64	2	WAS ".25 INCHES" ONLY	66467	CO	DF
10000				A2.						
DWG PREL 2-28	CO	REF: Prel. A1	L-71402		L-					
DATE REV 5-6		L-	L-	L-	<input checked="" type="checkbox"/> SHEET					

- ① 1 3860270 PIPE ASM. FRT.
- ② 2 3860272 PIPE ASM.
- ② 3 3874664 GROMMET
- ③ 4 ———
- 5 6256768 GROMMET
- ④ ① 6 3875013 PIPE ASM. L. H.

- 7 476737 SPRING - YOKE
- ④ 8 9422606 SCREW
- 9 231343 P. WASHER
- ③ 10 764893 HOSE ASM.
- 11 3860271 BRACKET

BRAKE HOSE ASSEMBLY PROCEDURE

1. Brake hose must be assembled to wheel cylinder first.
2. With wheels in a straight ahead position insert hose to body bracket without kinking or twisting & install retaining spring as shown. **NOTE** Paint stripe on hose is a visual aid for preventing or detecting any kinks or twists.

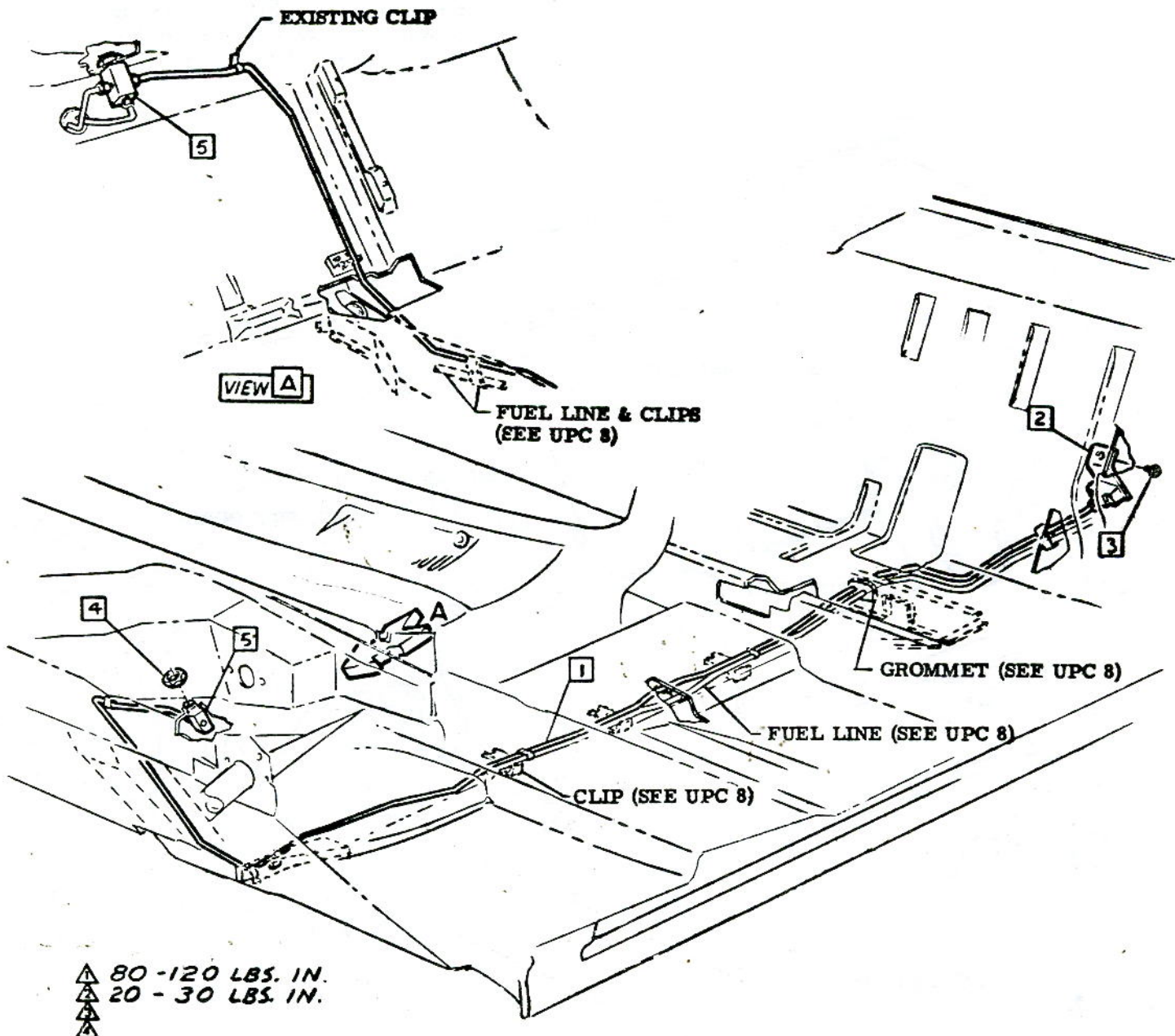


- ① 80-120 LBS. IN.
- ② 90-140 LBS. IN.
- ③ 100-125 LBS. IN.
- ④ 72-96 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK.
FRONT BRAKE PIPES		5	7-25-64	1	EXISTING CLIP REMOVED	—	AM	DF
			11-10-64	2	WAS 3794074 GROMMET	66028	AM	
10000		B 1.		3	9980607 CEMENT RMVD			
				4	WAS 3860269 PIPE & DWG REVISED	67250		HB
DWG PREL 2-28 AM		REF: Prel. B1 L-72615 L-						
DATE REL 5-12		L- L- L-						
		SHEET X						

- ▲ 1 3860279 PIPE ASM
- 2 3860275 CONNECTOR ASM
- ▲ 3 9414192 SCREW

- ▲ 4 107826 NUT
- 5 3862459 CONNECTOR



▲ 80 - 120 LBS. IN.
 ▲ 20 - 30 LBS. IN.
 ▲

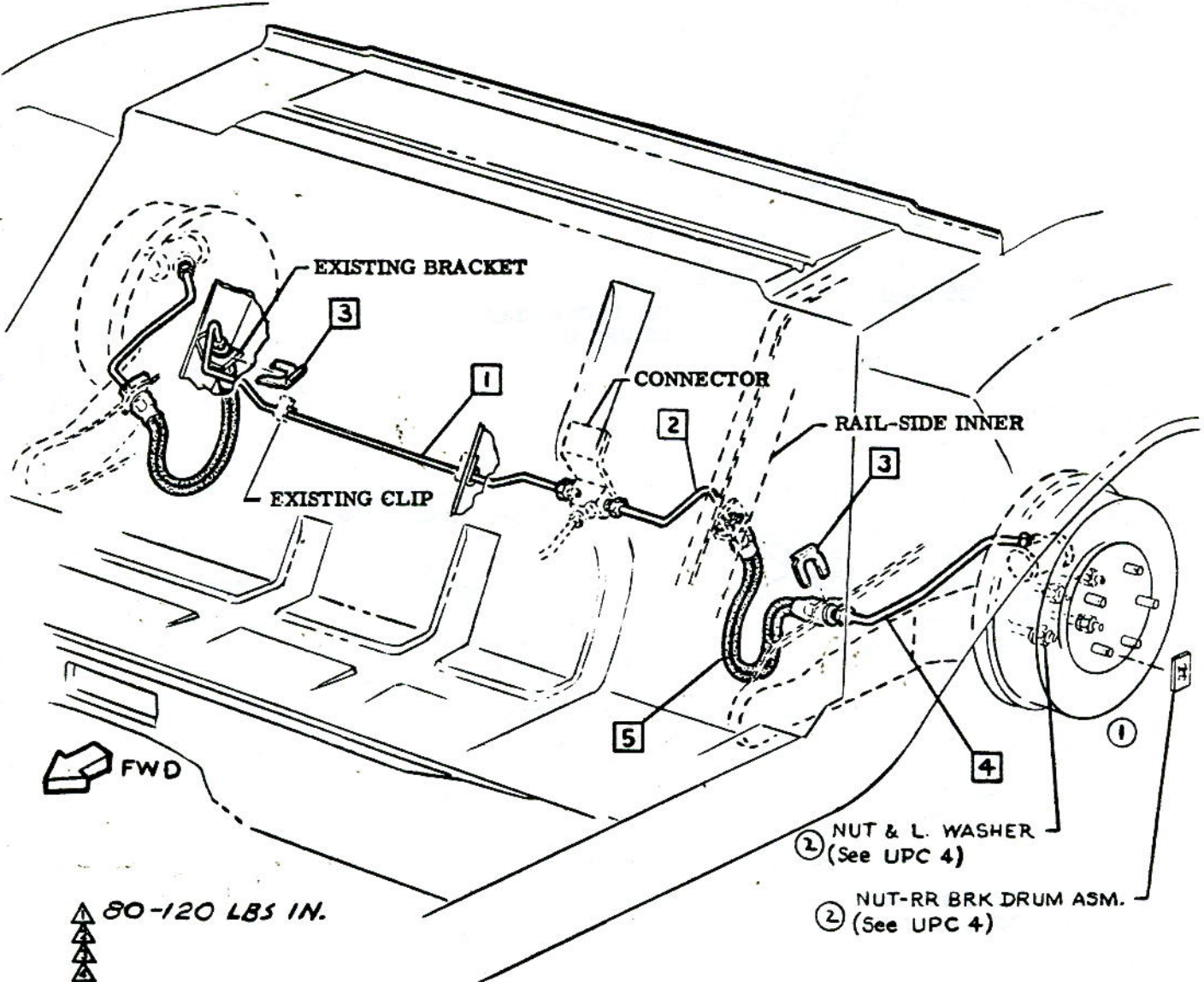
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYN	REVISION RECORD	AUTH.	DR	CK
TUNNEL AREA BRAKE PIPE		5						
10000		B2.						
DWG PREL 2-29 AM	REF: Prel. B2 L-72615 L-							
DATE REL 5-15	L- L- L-	✓ SHEET						

- ③ ① 1 3872096 PIPE ASM R. H.
- ② 2 3860277 PIPE ASM L. H.
- ③ 3 476737 SPRING YOKE

- ① 4 3860273-4 PIPE ASM L. & R. H.
- ⑤ 5 3860276 HOSE ASM

BRAKE HOSE ASSEMBLY PROCEDURE

- ④ Insert hose to body bracket without kinking or twisting & install retaining spring as shown. **NOTE** Paint stripe on hose is a visual aid for preventing or detecting any kinks or twists.

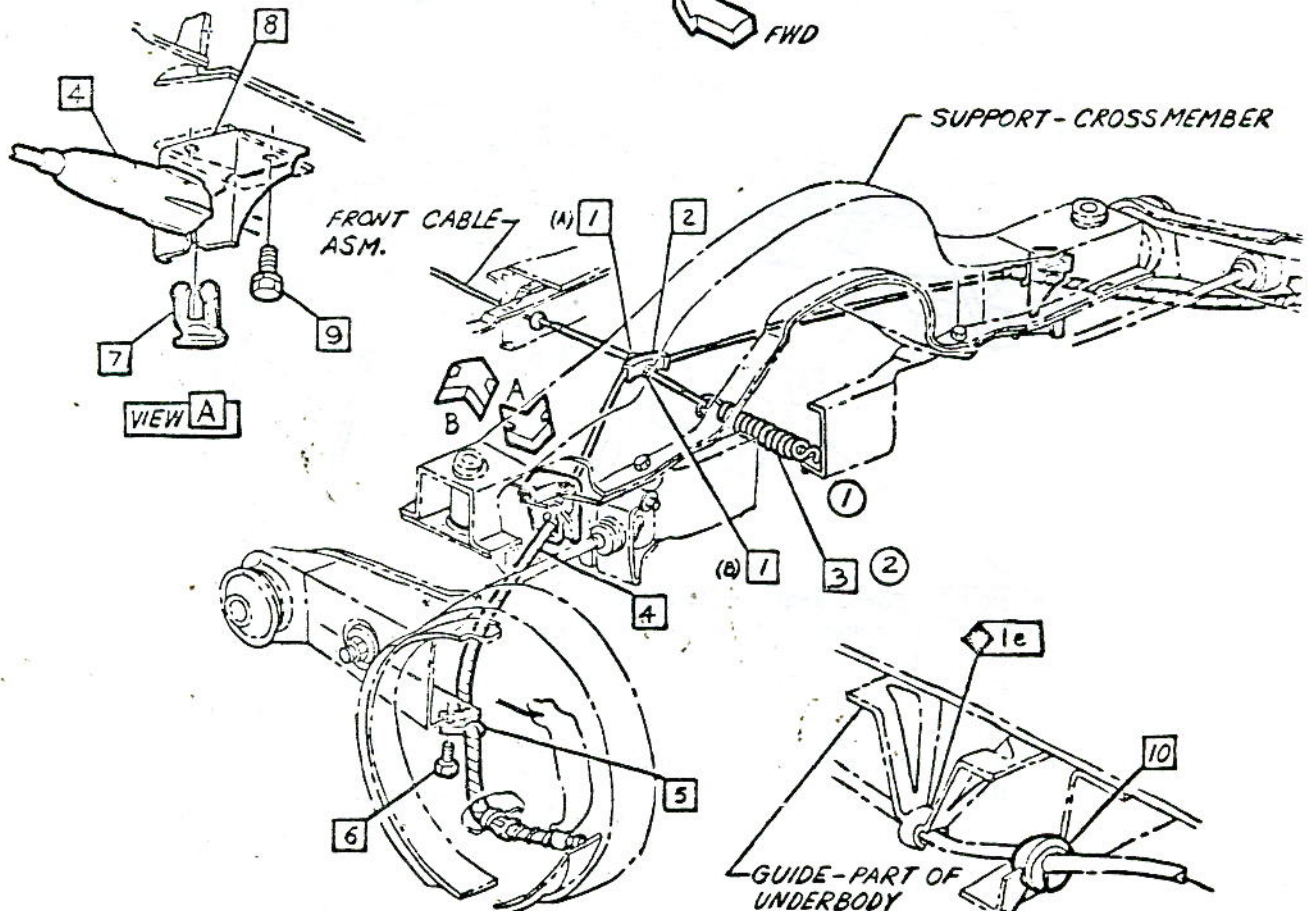


CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
REAR BRAKE PIPES		5	7-8-64	1	WHEEL DRAWING REVISED	AM		
10000				2	"UPC" NOTE ADDED (2 PLGS)	AM		
DWG PREL 3-2		B3.	8-25-64	3	WAS 3860278 PIPE	66160 AM	HB	
DATE REL 5-1				9-29-64	4	"HOSE" NOTE REVISED	66467 AM	HB
REF: Prd. B3 L-72615 L-		SHEET						
L- L- L-								

- | | | | | | | |
|-----|---------|------------------|---------|----|---------|------------|
| ▲ 1 | 120000 | NUT | ③ ▲ 2 | 6 | 9420825 | SCREW |
| 2 | 6256437 | EQUALIZER | | 7 | 516213 | RETAINER |
| 3 | 3029404 | SPRING | | 8 | 3857872 | BRACKET |
| 4 | 3637798 | CABLE ASM. -REAR | ⑤ ④ ▲ 3 | 9 | 3846206 | SCREW ASM. |
| 5 | 3751599 | CLIP | | 10 | 6257446 | SEAL |

ADJUSTMENT PROCEDURE

Position nut 1 (A) full forward on cable bolt. With parking brake mechanism in release position run nut 1 (B) forward against the equalizer to produce 120-130 lbs. cable strand tension at a position on the front brake cable approx. 6 inches forward of rear tunnel closure. Back off nut 1 (B) until cable strand tension is 20± 1 lbs. adjustment must be made with return spring 3 disconnected.



NOTE Install with cut downward position as shown.

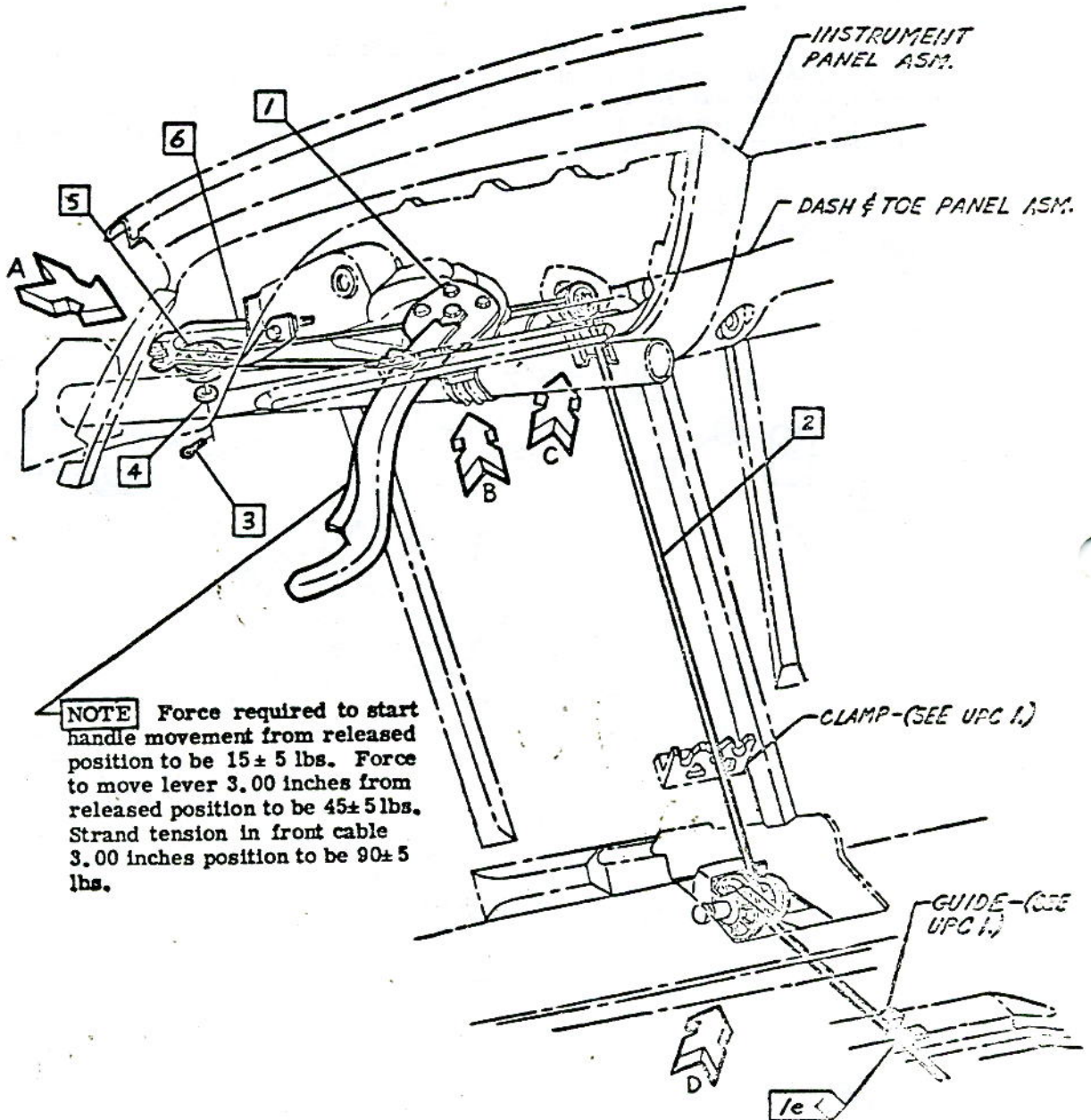
- ▲ 35-45 LBS. IN.
- ▲ 10-16 LBS. FT.
- ⑤ ▲ 12-15 LBS. FT.

VIEW B

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	CHK
REAR CABLES		5	6-11-64	1	DRAWING REVISED		CK
10000			7-30-64	2	CALLOUT 3 ADDED		CK
			7-28-64	3	WAS 171109 SCREW	67231	CK
			8-11-65	4	WAS 5409097 SCREW	69221	UM
				5	TORQUE WAS 6-9 LBS. FT.		CT
				2-23-65	6	WAS 3846206 SCREW	69221
DWG PREL. 2-11	CK	REF: Prgl. C / L-72348	L-				
DATE REL. 2-20		L-	L-	L-			
		<input checked="" type="checkbox"/> SHEET					

- 1 3857839 LEVER ASM.
- 2 3857838 CABLE ASM. -FRONT
- 3 103373 C. P. -For installation see General Inst., Sect. O

- 4 103342 P. WASHER
- 5 3866579 PULLEY
- 6 3863515 BRACKET



NOTE Force required to start handle movement from released position to be 15 ± 5 lbs. Force to move lever 3.00 inches from released position to be 45 ± 5 lbs. Strand tension in front cable 3.00 inches position to be 90 ± 5 lbs.

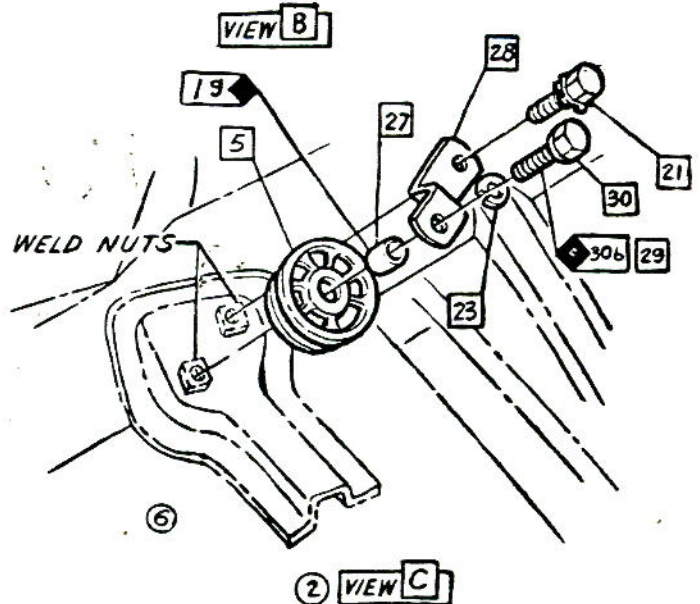
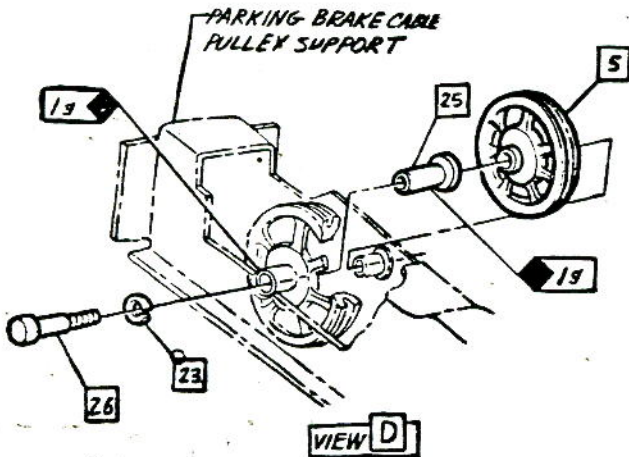
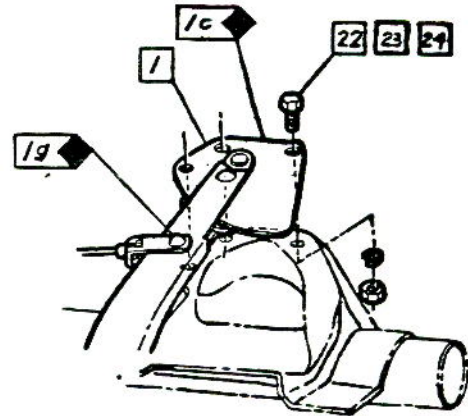
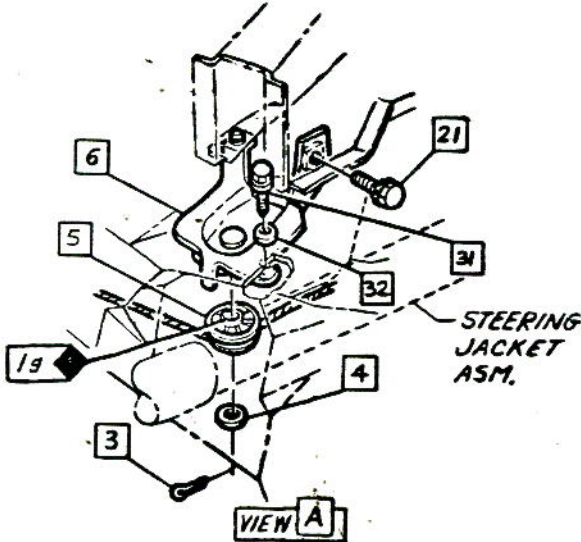


CHEVROLET MOTOR DIVISION, GMC			UPC	DATE	SYM	REVISION	NO	DATE	BY
PARKING BRAKE			5						
10000			Ref. C3						
C2.									
DWG PREL. 2-11	CK	REF: Prel. C2 L-72348 L-	<input checked="" type="checkbox"/> SHEET						
DATE REL. 5-12		L- L- L-							

- ▲ 21 423345 SCREW ASM.
- 22 100121 BOLT
- 23 103320 L. WASHER
- ▲ 24 102634 NUT
- ⊕ 25 3875054 SPACER
- ▲ 26 122065 BOLT
- 27 3863518 SPACER
- 28 3863517 RETAINER

29 APPLY SEALER TO THREADS OF MOUNTING BOLT 30 (AFTER ASM. THROUGH 23 28 27 & 5 TO HOLD PARTS DURING INSTALLATION. PLACE SEALER IN WELD NUTS PRIOR TO DRIVING SCREW ASM. 21 & BOLT 30

- ▲ 30 122017 BOLT
- ④ ③ ▲ 31 3847758 SCREW ASM
- 32 3770531 WASHER



- ▲ 6-9 LBS. FT.
- ▲ 9-12 LBS. FT.
- ▲ 100-140 LBS. IN. ①

● CHEVROLET MOTOR DIVISION, GMC ●				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
PARKING BRAKE				5	7-2-64	1	TORQUE ADDED	—	CK	
10000					7-25-64	2	VIEW C REVISED	61268	DP	
REF: Prel. C3 L-72348 L-65004					11-4-64	3	TORQUE ADDED	—	CK	DF
DWG PREL. 2-11	CK	DATE REL. 2-20	1-		12-7-64	4	WAS 3846202 SCREW	15899	CK	DF
REF: Prel. C3 L-72348 L-65004					2-11-65	5	WAS 3857796 SPACER	67476	JL	C1
DATE REL. 2-20					1-	1-	L-65004	15961	MB	C1
SHEET 1										

SECTION 6
ENGINE

SHEET

TITLE

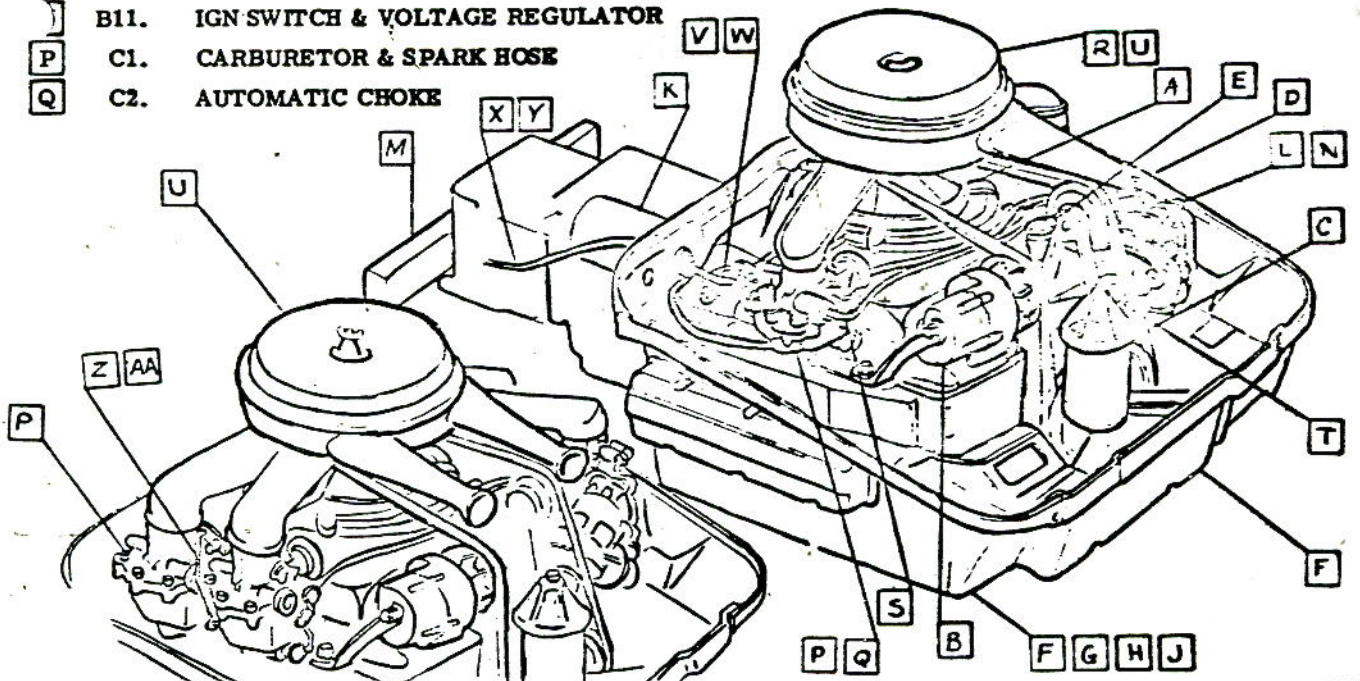
SHEET

TITLE

- A1. CONTENTS
- A** A2. BLOWER & PULLEY .
- B** A3. GENERATOR MOUNTING
- C** A4. BELT GUIDE & BELT ADJUSTMENT
- D** B1. SHROUD ASM-UPPER
- E** B2. OIL FILLER & OIL LEVEL GAGE
- F** B3. EXHAUST DUCT ASM & LWR SHROUD
- G** B4. EXHAUST DUCT HEAT THERM
- H** B5. SHROUD LWR & EXH DUCT ASM TO ENG
- J** B6. EXH DUCTS TO ENG & HEAT SHLD
- K** B7. STARTING MOTOR MOUNTING
- L** B8. SPARK PLUG WIRING & COIL MTING
- M** B9. ENGINE FRONT MOUNTING
- B10. REAR
- J** B11. IGN SWITCH & VOLTAGE REGULATOR
- P** C1. CARBURETOR & SPARK HOSE
- Q** C2. AUTOMATIC CHOKE

- R** C3. AIR CLEANER & VACUUM TUBES
- S** C4. FUEL LINES
- T** C5. FUEL PUMPS & FUEL PIPES
- U** C6. CLOSED ENG POSITIVE VENT
- C7.
- V** C8. VACUUM BALANCE TUBES
- W** C9. VACUUM GAGE HOSE
- X** D1. ACCELERATOR PEDAL & LINKAGE
- Y** D2. ACCEL CONT LINKAGE & ADJUSTMENT
- D3.
- D4.
- Z** D5. ACCELERATOR LINKAGE
- AA** D6. ACCELERATOR LINKAGE ADJUSTMENT
- D7. CARBURETOR ADJUSTMENT

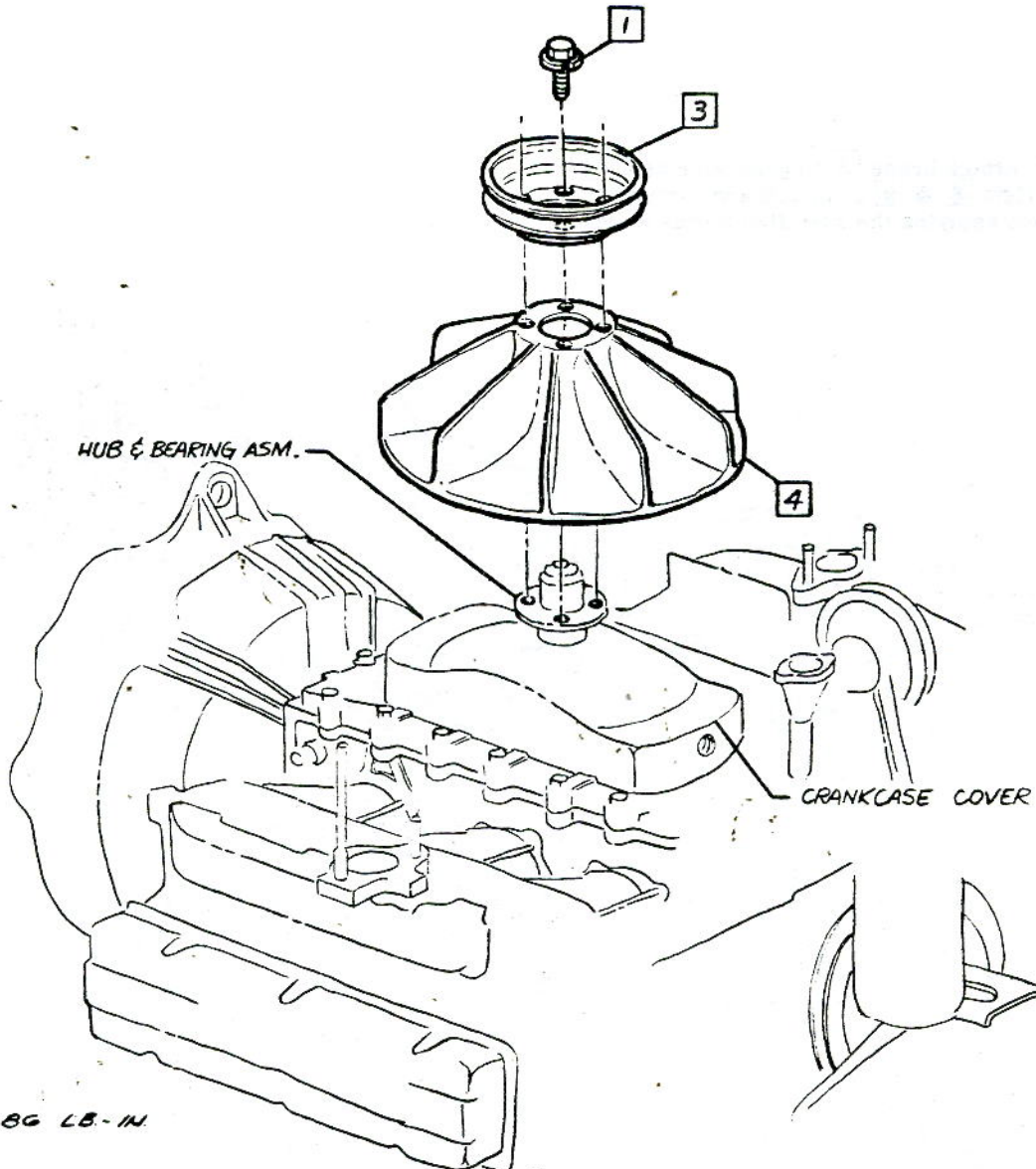
③ ②① **I** 3873861 ENG AS SHIPPED (EXC 10700)
3873863 10700



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CONTENTS-ENGINE		6	11-3-64	1	3870297 HAS 3871859 E	65856	GA	
					3870297 HAS 3856740			DF
			2-14-64	2	3873861 HAS 3870235 E	65521	BR	
					3873863 HAS 3870297			CI
			5-11-66	3	SHEET D7, ADDED			AS/CI

10000	DWG FREL. 3-11 (6W)	REF: Prel. A4	L-71204	L-75672
	DATE REL. 5-20	L-	L-	L-

- ① 1 3856672 SCREW ASM. ②
- ① 2
- 3 3856616 PULLEY
- 4 3856615 BLOWER



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYN	REVISION RECORD	AUTH.	DR.	CK.
ENGINE BLOWER & PULLEY		6	6-19-64	1	120-855 IN. SCREW REMOVED	63816	GW	
10000					2	"SCREW ASM." WAS "SCREW"		DF
DWG PREL. 3-7 DATE REL. 3-7				2-25-65	3	70-86 LB.-IN. ADDED	64094	JN
REF: Prod. A/ L-73225 L- L-72297 L- L-		A2.						
		SHEET 1						



CHEVROLET

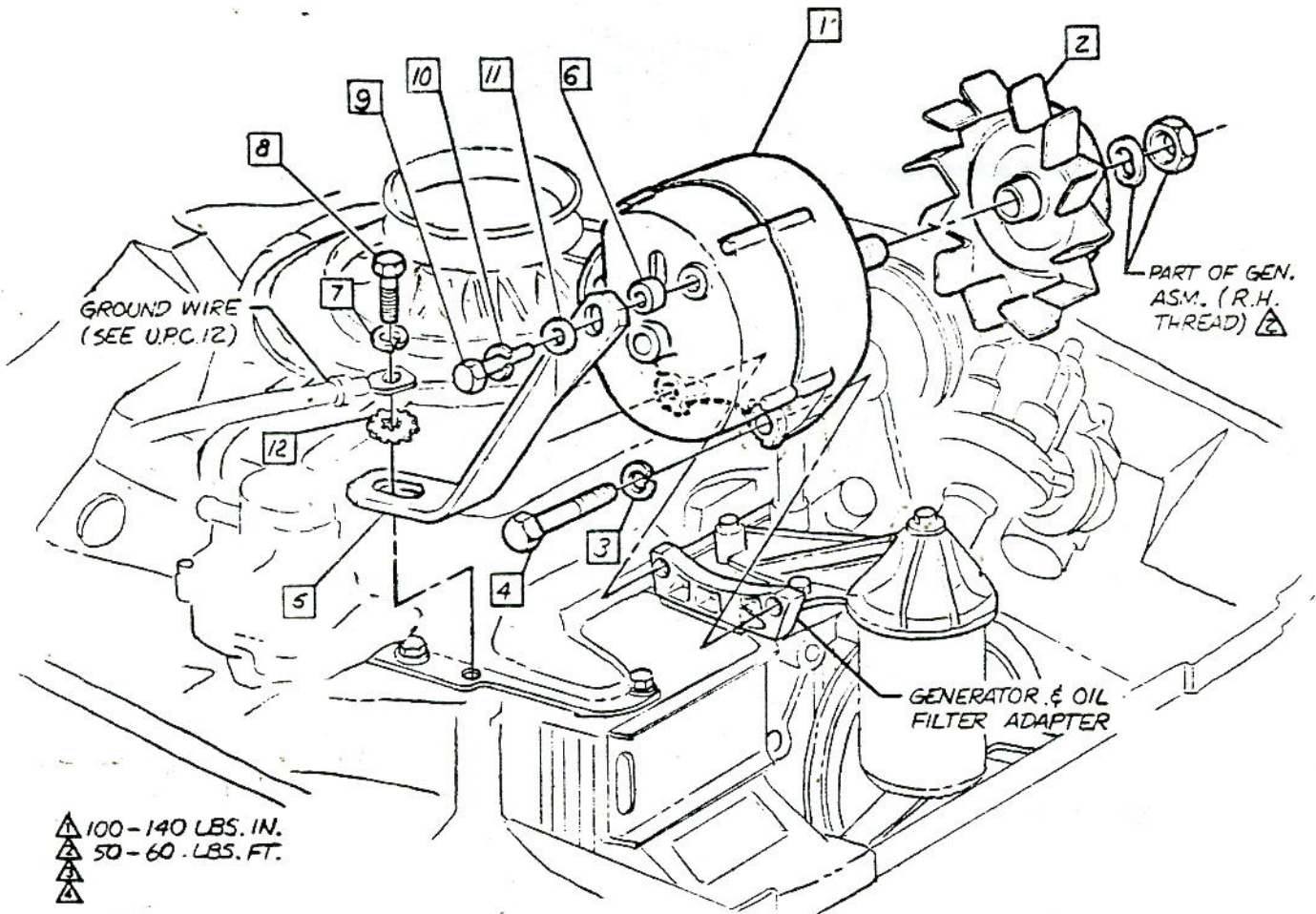
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- | | | | | | |
|-----|---------|---------------|-------|--------|-----------|
| 1 | 1100639 | GENERATOR ASM | 7 | 103321 | L. WASHER |
| 2 | 3856602 | PULLEY ASM | ⚠ 8 | 122138 | BOLT |
| 3 | 3765135 | L. WASHER | Ⓜ Ⓜ 9 | 122017 | BOLT |
| ⚠ 4 | 427559 | BOLT | 10 | 103320 | L. WASHER |
| Ⓜ 5 | 3883889 | BRACE | 11 | 446363 | P. WASHER |
| Ⓜ 6 | 3883890 | SPACER | 12 | 178556 | L. WASHER |

NOTE Attach brace 5 to generator asm. 1 finger tight 8 & 9. Install and torque screw 8 before applying the specified torque to screw 9



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
GENERATOR MOUNTING		6	5-25-65	8	ITEM 6 ADDED			
				9	WAS 3867220 BRACE			
				10	WAS 122007 BOLT			CI
10000		A3.						
DWG PREL. 3-10	GNV	REF: Prel. A2	L-74597	L-75862				
DATE REL. 5-11		L-74795	L-72271	L-				
		SHEET						

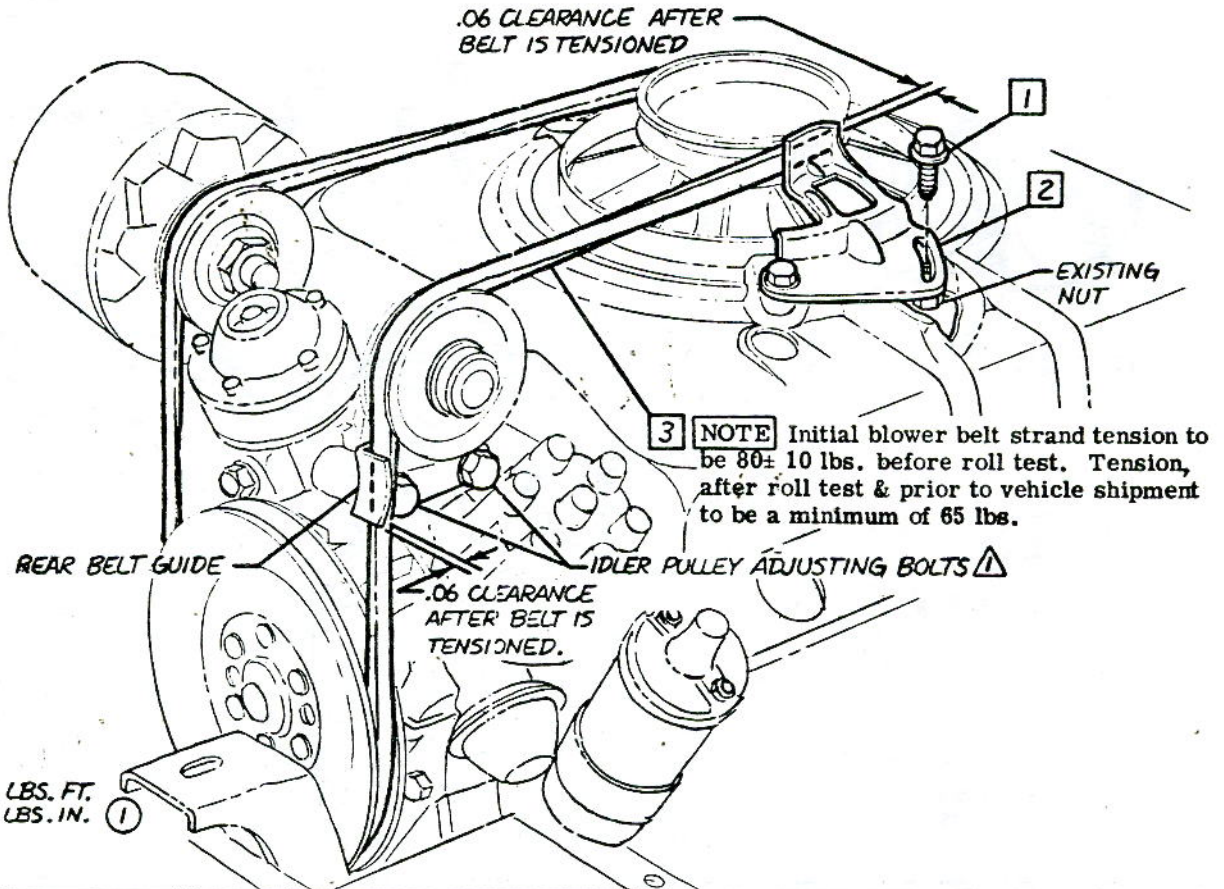
- ② 1 423553
- ③ 2 3870289
- 3 3780981
- 3779672

- SCREW ASM
- GUIDE-BELT FRONT
- BELT
- OPT.

SUGGESTED BELT TENSIONING PROCEDURE

1. Tension belt on engine line by loading idler pulley until a belt tension of 80± 10 lbs. is obtained.
2. Crank engine for approximately 6 seconds to seat belt in pulleys.
3. Torque idler pulley adjusting bolts to specified torque & remove idler pulley load.
4. If belt strand tension is below 65 lbs. after all normal engine running has been completed, retension belt as required.

CAUTION Insufficient strand tension results in belt "slip" on pulleys, belt "turn over" on air conditioned vehicles where no belt guides are used & belt "rumble" on powerglide equipped vehicles. Sufficient strand tension also results in increased belt life.

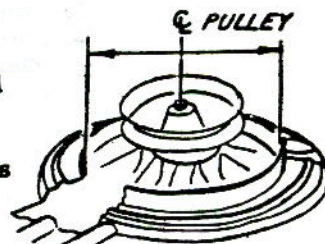


CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
BELT, GUIDES & BELT ADJUSTMENT		6	7-26-64	1	TORQUE (2) ADDED	62777	GM	
				2	WAS TORQUE (1)			HR
			11-4-64	3	WAS 3851844 GUIDE	15896	GM	DF
10000		A4.						
DWG PREL. 3-11	GW REF: Prod. A3 L-65936 L-							
DATE REL. 3-11	L- L- L-	<input checked="" type="checkbox"/> SHEET						

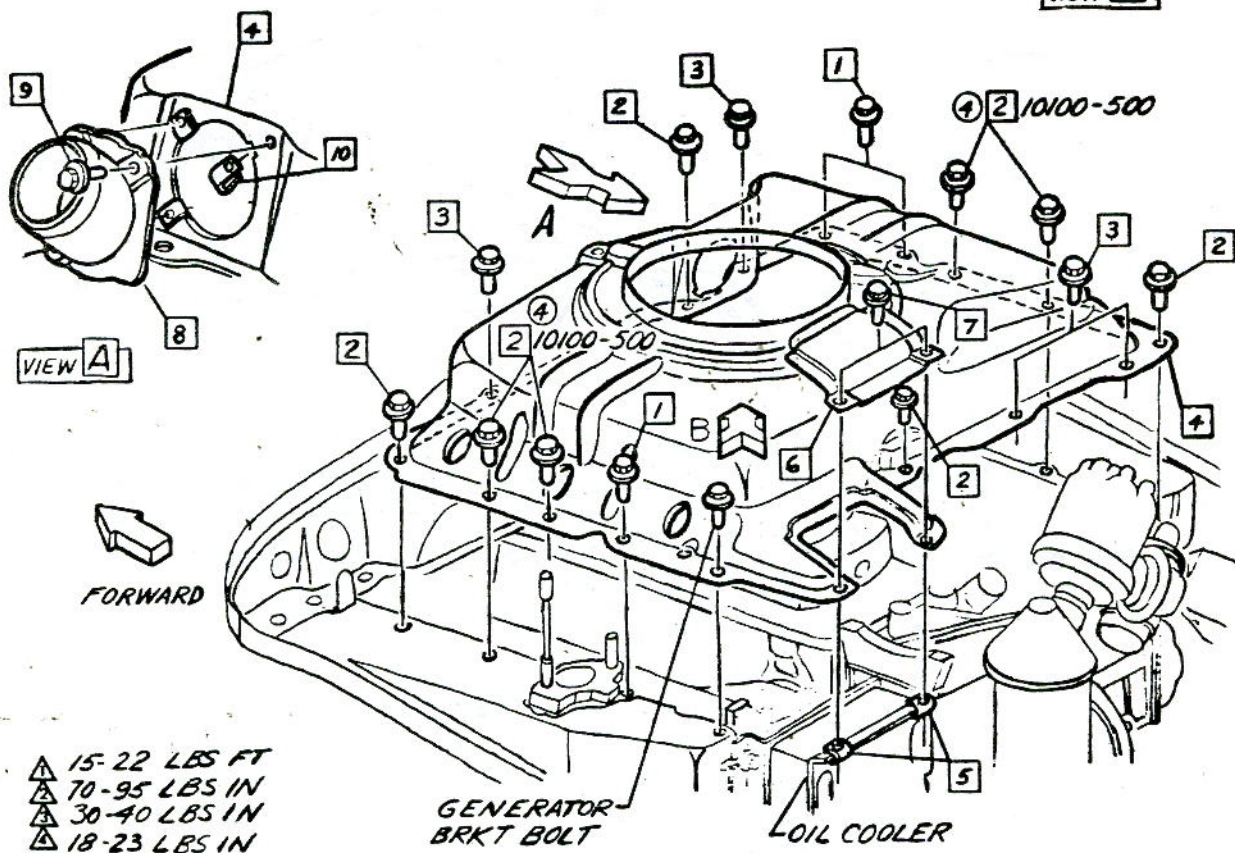
- ▲ 1 274840 BOLT
- ▲ 2 9417881 SCREW
- ▲ 3 3780162 SCREW
- ① 4 3851893 SHROUD ASM-10100-500
3856773 10700
- ⑤ ② 5 3870384 "U" NUT
- ③ 6 6257105 COVER- 10100-500
3848396 10700
- ▲ 7 9417558 SCREW

- 8 3787440 CONNECTOR
- ▲ 9 3861264 SCREW
- ⑥ 10 3870384 "U" NUT

NOTE: Use special hand tool to acquire a .030 total indicator reading relationship between ϕ of upper shroud as established by dia. & pulley centerline.



VIEW B

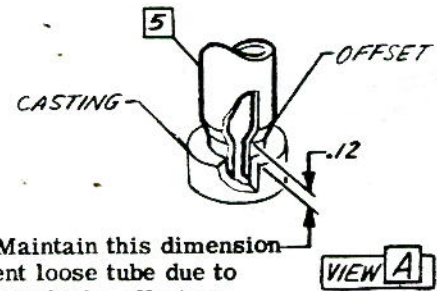


- ▲ 15-22 LBS FT
- ▲ 70-95 LBS IN
- ▲ 30-40 LBS IN
- ▲ 18-23 LBS IN

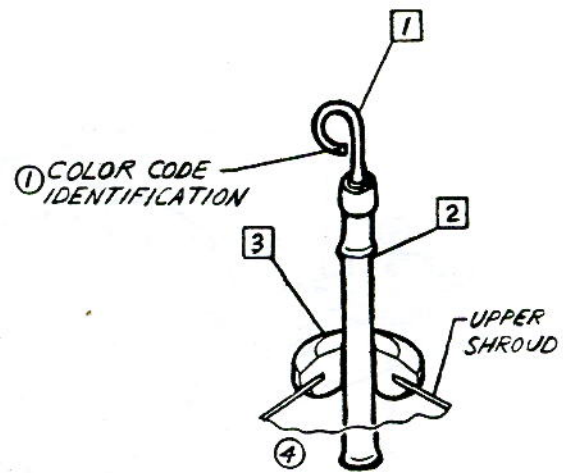
* CHEVROLET MOTOR DIVISION, GMC *		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
SHROUD ASM. -UPPER		6	7-23-64	1	3856773 ADDED	64798	63687	JB	
				2	WAS 9818153 NUT				
				3	3848396 ADDED				
				4	10100-500 ADDED 2 PLCS				DF
			9-3-64	5	WAS 9418153 NUT		65484	JB	
				6	WAS 9420856 NUT				DF
10000		B1.							
DWG. PREP. 3-9 JB REF: Prel. 87 L-73036 L-									
DATE REV. 5-45 L-									
		SHEET							

- ① 1 3860444 GAGE ASM 10100-500 COLOR CODE (NONE OPT ORANGE)
- ② 2 3856695 TUBE-OIL LEVEL 10100-500 3867215 10700
- ③ 3 3867245 GROMMET

- ④ 4 3849800 CAP ASM 3849802 OPT
- ⑤ 5 3785359 TUBE-OIL FILLER 3782032 OPT

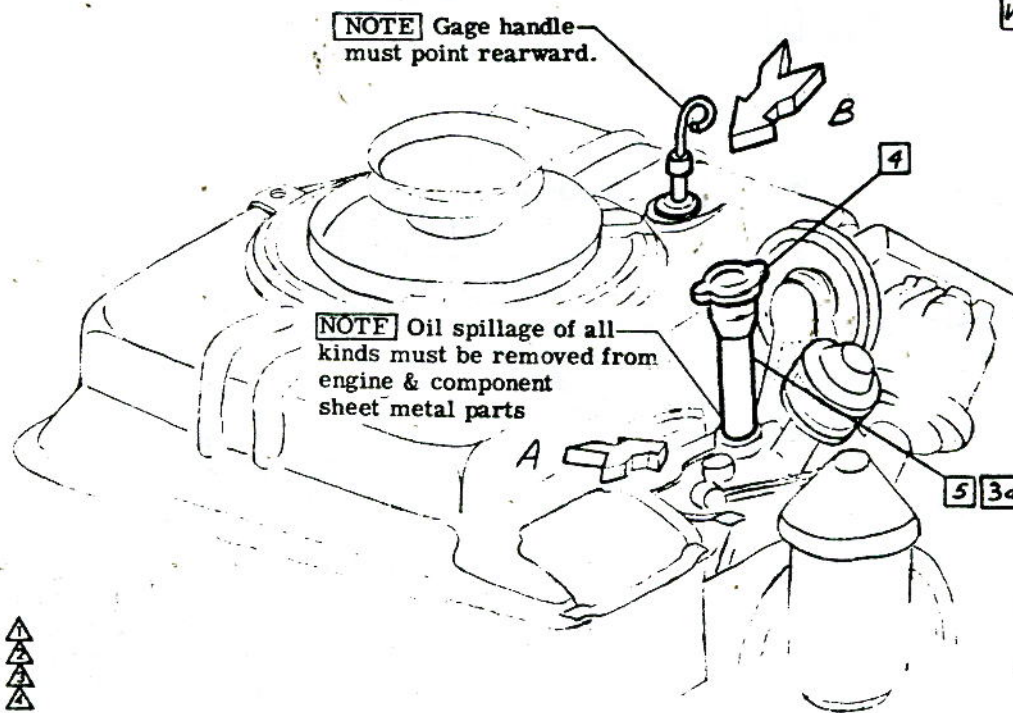


NOTE Maintain this dimension to prevent loose tube due to bottoming of tube offset on casting



① COLOR CODE IDENTIFICATION

VIEW B ⑤



NOTE Gage handle must point rearward.

NOTE Oil spillage of all kinds must be removed from engine & component sheet metal parts

REARWARD



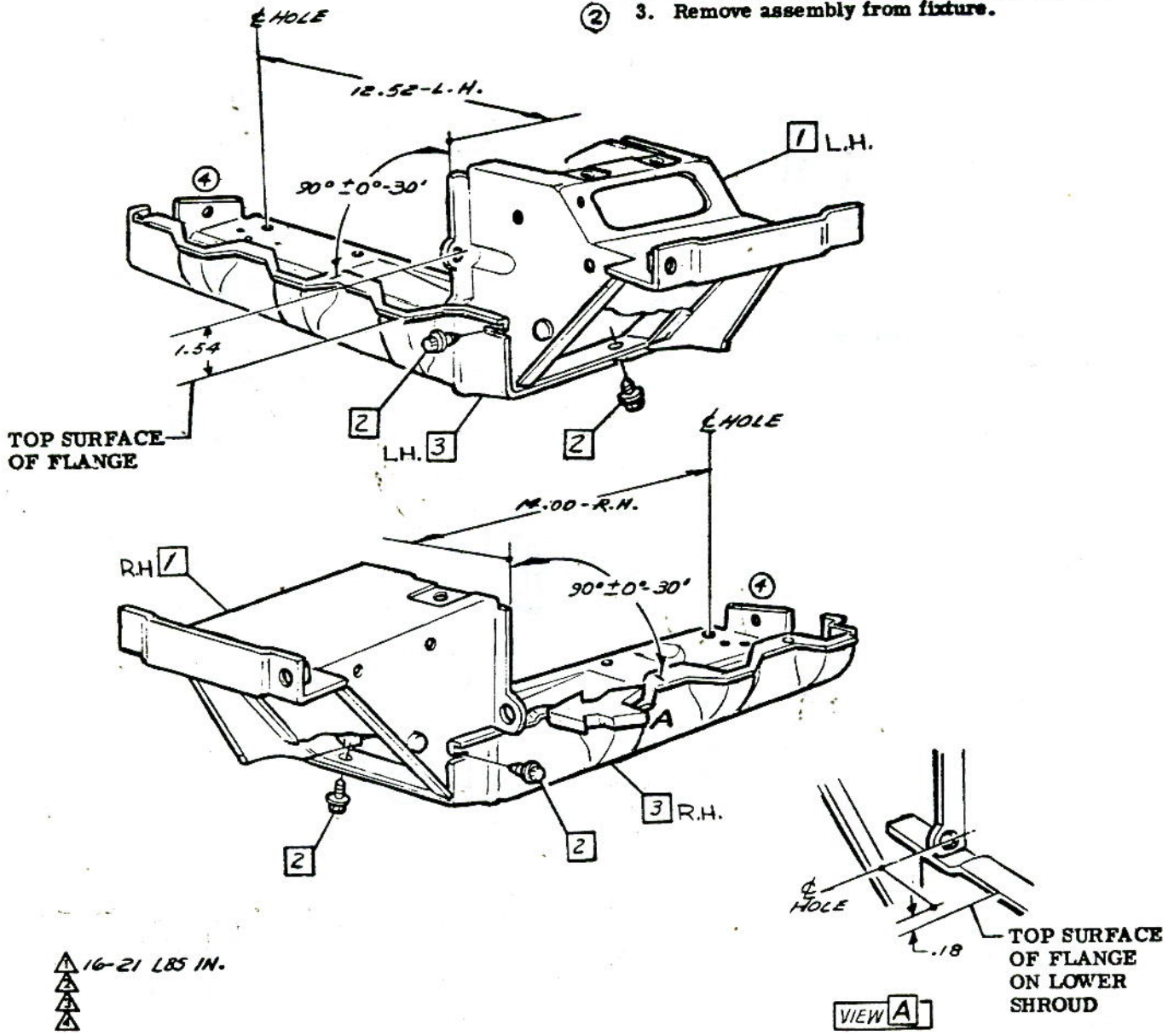
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
OIL FILLER & OIL LEVEL GAGE		6	7-27-64	1	COLOR REFILLED 2 PLCS	G3687	JB	
				2	3867215 ADDED			
				3	WAS GROMMET BOOT	64876		
				4	LUB SYSTEM REMOVED	64798		
				5	VIEW B REVISED			DF
				6	ORANGE WAS GREEN 2 PLCS			JB
10000		B 2.						
DWG PREL 3-10	JB	REF. PREL. B B	L 74520	L-75836				
DATE REL 3-10		L-	L-	L-				
		<input checked="" type="checkbox"/> SHEET						



- ① 1 3867225 DUCT & DAMPER ASM-L. H. (10100-500)
- 3867231 (10700)
- 3867226 R. H.
- ⚠ 2 9417558 SCREW
- ③ 3 3867251-2 SHROUD-LWR-L. & R.H.

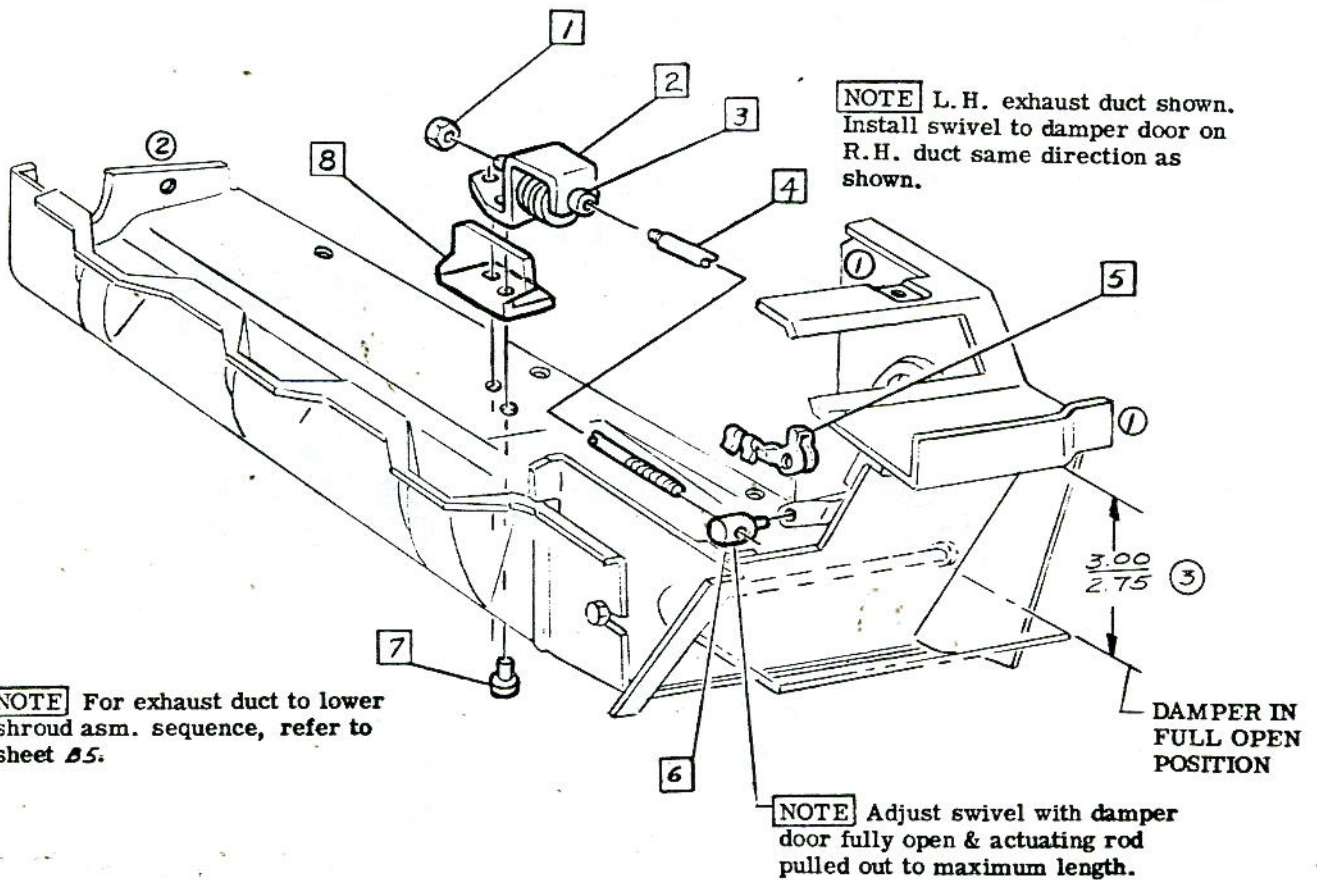
SUGGESTED ASSEMBLY SEQUENCE

1. Fixture exhaust duct asm. & lower shroud in the thermostat setting fixture to hold locating dimensions shown.
2. Attach exhaust duct asm. to lower shroud.
3. Remove assembly from fixture.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
EXHAUST DUCT ASM. & LOWER SHROUD			8-13-64	1	3867225, 3867231, 3867226	63207	JB	
10000					WAS 3851957, 3851971, 3851958	63687		
DWG PEEL 3-10 JB REF: Prel. B9 L-73743 L-				2	SEQUENCE NOTE REVISED			DF
DATEREL 5-15			9-3-64	3	WAS 3856791-2 SHROUD	65521	JB	
L- L- L-				4	DWG REVISED 2 PLACES			DF
SHEET			6		B3.			

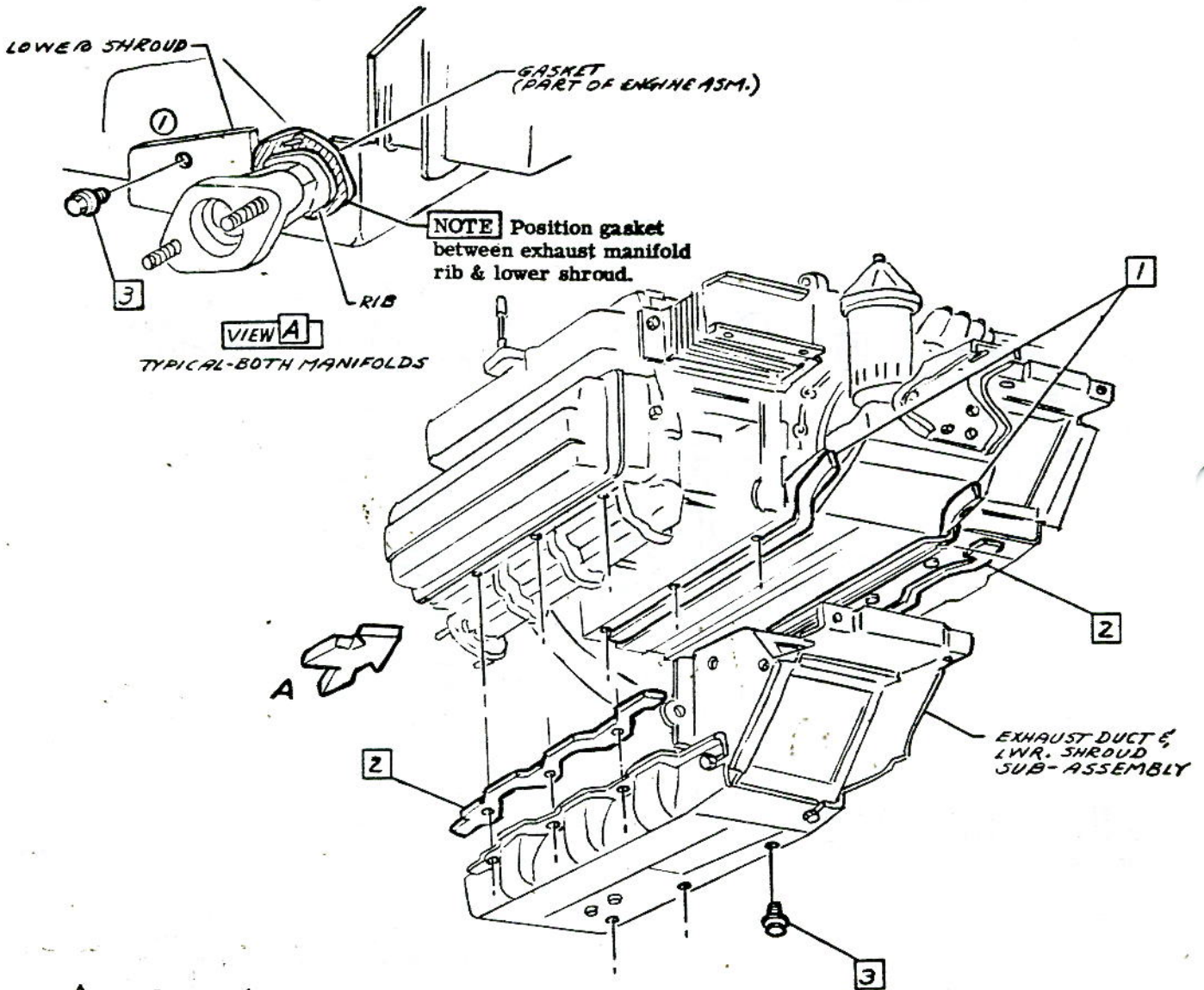
- | | | | | | |
|-----|--------------------|---------------------------------------|-----|--------------------|--------------------------|
| ⚠ 1 | 103025 | NUT | ⚠ 6 | 3856795 | SWIVEL |
| 2 | 3856793 | BRACKET | 7 | 441310 | RIVET |
| 3 | 3156784
3156432 | THERMOSTAT ASM (10100-500)
(10700) | 8 | 3830431
3856798 | SHIELD-HEAT-L.H.
R.H. |
| 4 | 3856794 | ROD-ACTUATING | | | |
| 5 | 3711177 | CLIP | | | |



- ⚠ 70-110 LBS IN.
- ⚠ 13-17 LBS IN.
- ⚠
- ⚠

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
EXHAUST DUCT HEAT THERMOSTAT		6	5-12-64	1	DWG REVISED 2 PLACES	63867	JB	CF	
10000			7-3-64	2	DWG REVISED	65521	JB	LF	
DWG PREL 3-10		B4.	3-31-65	3	WAS 3.16	70038	GA	CI	
DATE REL 5-18			REF: Prel. B5						
L- L- L-									
SHEET									

- 1 3822936 SEAL
- 2 3788090 SEAL
- ②⚠ 3 9419385 SCREW ASM



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
SHROUD-LOWER & EXHAUST DUCT ASM. TO ENG.		6	3-6+	1	DWG REVISED	65521	JB	
				2	WAS 9417881 SCREW	65836		DF
10000		B5.						
DWG PREL 3-10 J.B. REF: Prel. B6 L-53956 L-73793			SHEET					
DATE REL 3-10								



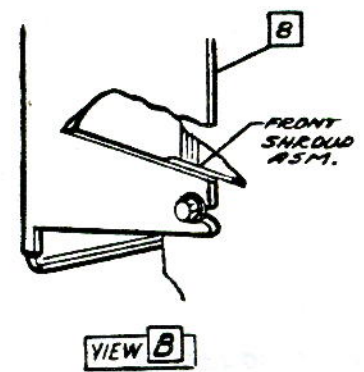
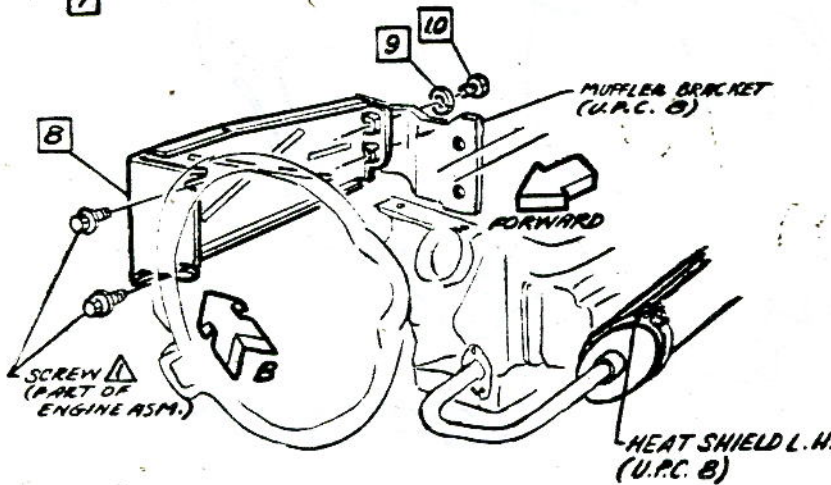
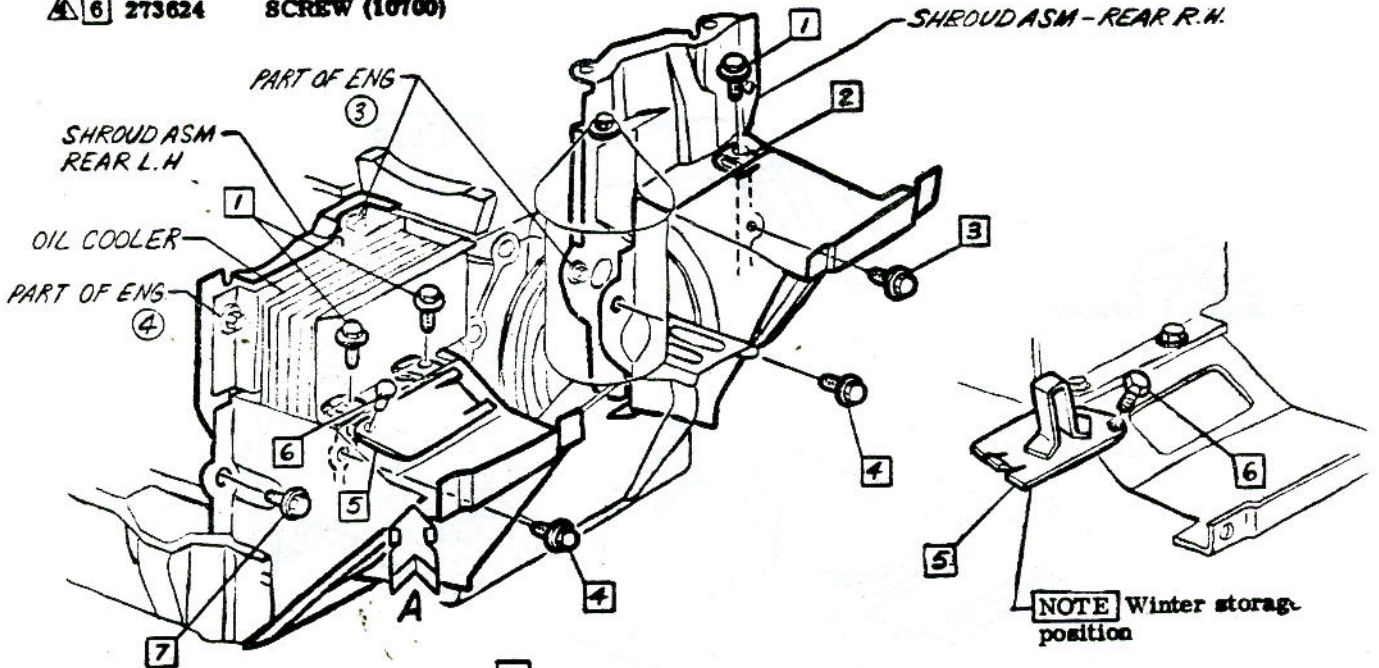
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIE

- ⑤ ② ① 9419303 SCREW
- ② 9422836 NUT "U"
- ③ 274840 BOLT
- ④ 3780162 SCREW
- ⑤ 3851872 COVER (10700)
- ⑥ 273624 SCREW (10700)

- ⑦ 9419385 SCREW
- ⑧ 3851898 SHIELD ASM-HEAT 10100-10700
- ⑨ 120380 L. WASHER
- ⑩ 120706 BOLT

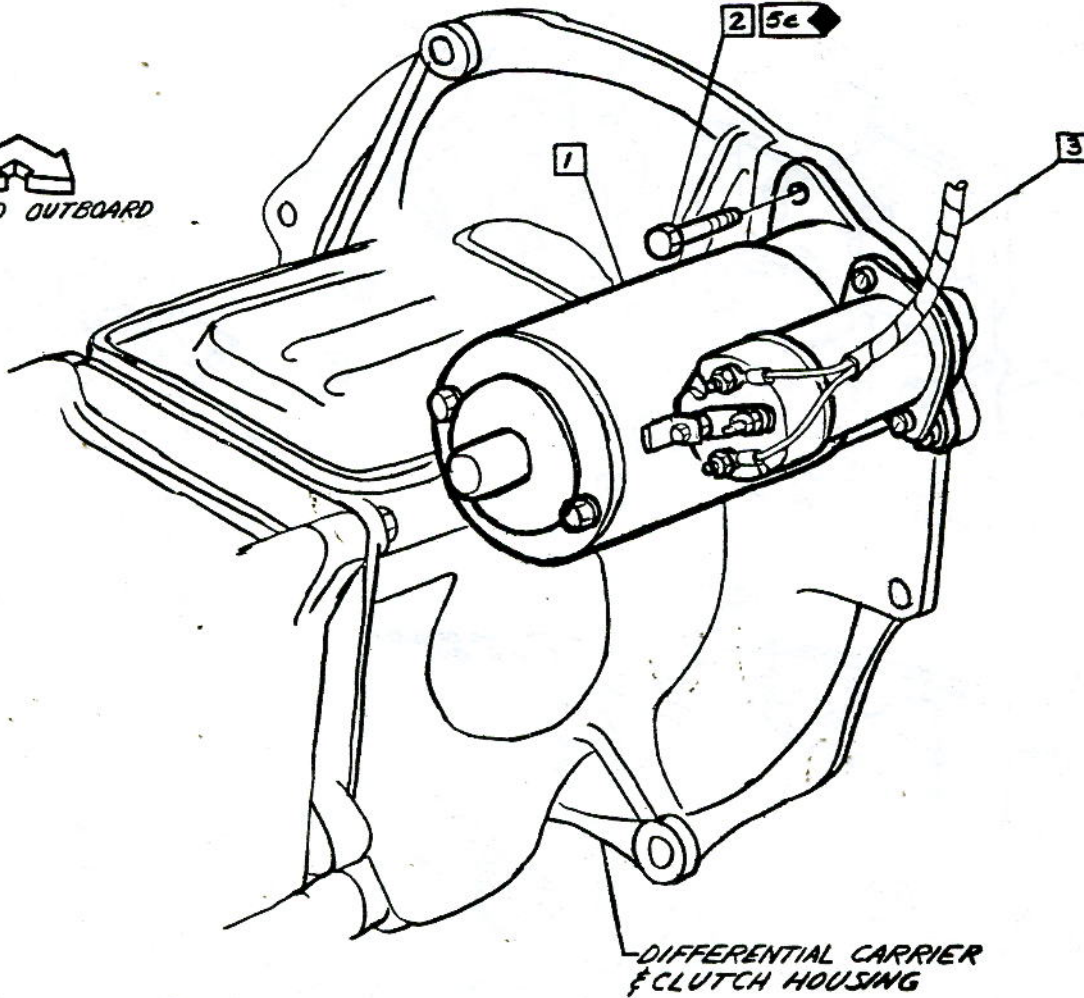



- ① 70-95 LBS IN.
- ② 18-23 LBS IN.
- ③ 15-22 LBS FT
- ④ 30-40 LBS IN
- ⑤ 45-60 LBS IN.
- ⑥ 25-35 LBS. IN.

CHEVROLET MOTOR DIVISION, GMCO.		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
EXHAUST DUCTS & ROCKER COVER HEAT SHIELD TO ENGINE		6	9-3-64	1	REDRAWN & REVISED 65836 63867	65484	JB		
			12-30-64	2	WAS 9417881 SCREW		48486	BR	
				3	WAS SYM.(1) 2 PLACES				
				4	WAS SYM.(7)				CI
			5-4-65	5	TORQUE WAS 70-95 LBS. IN.		70791	LS	CI
10000		B6.							
DWG PREL 5-10	JB	REF: Pmt. BID L-73743	L-						
DATE REL 5-15		L-	L-	L-					
		<input checked="" type="checkbox"/> SHEET 1							

- 1 1108306 MOTOR ASM. -STARTING
- 2 179845 BOLT
- 3 WIRE ASM. - SEE UPC 12


FORWARD OUTBOARD



 20-30 LBS FT

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CR
STARTING MOTOR MOUNTING		6						
10000		B7.						
DWG/PREL 2-24 JB	REF: Prod. B-1 L- L-							
DATE/REL 5-21	L- L- L-							
		SHEET 1						

- 1 2985993 WIRE ASM (CYL NO 1)
- 2 2985996 WIRE ASM (CYL NO 2)
- 3 2985994 WIRE ASM (CYL NO 3)
- 4 2985997 WIRE ASM (CYL NO 4)
- 5 2985995 WIRE ASM (CYL NO 5)
- 6 2985998 WIRE ASM (CYL NO 6)
- 7 2985951 WIRE ASM (HI TENS)
- 8 1115200 COIL
- 9 3815414 SUPPORT

- 10 9417227 RIVET
- 11 2965736 RETAINER R.H. SIDE
- 12 3702799 RETAINER

NOTE Spark plug wires 4 & 6 must be routed horizontally as shown to allow T.V. Rod clearance

NOTE Route No's 2, 4 & 6 spark plug wires under oil inlet pipe (10700)

NOTE position retainer 1.00 to rear of #4 spark plug boot

NOTE Position white mark on cable assemblies 2, 4 & 6 into R.H. support as shown

NOTE Wire from dist to neg post loosen nut & insert terminal between nut & clip

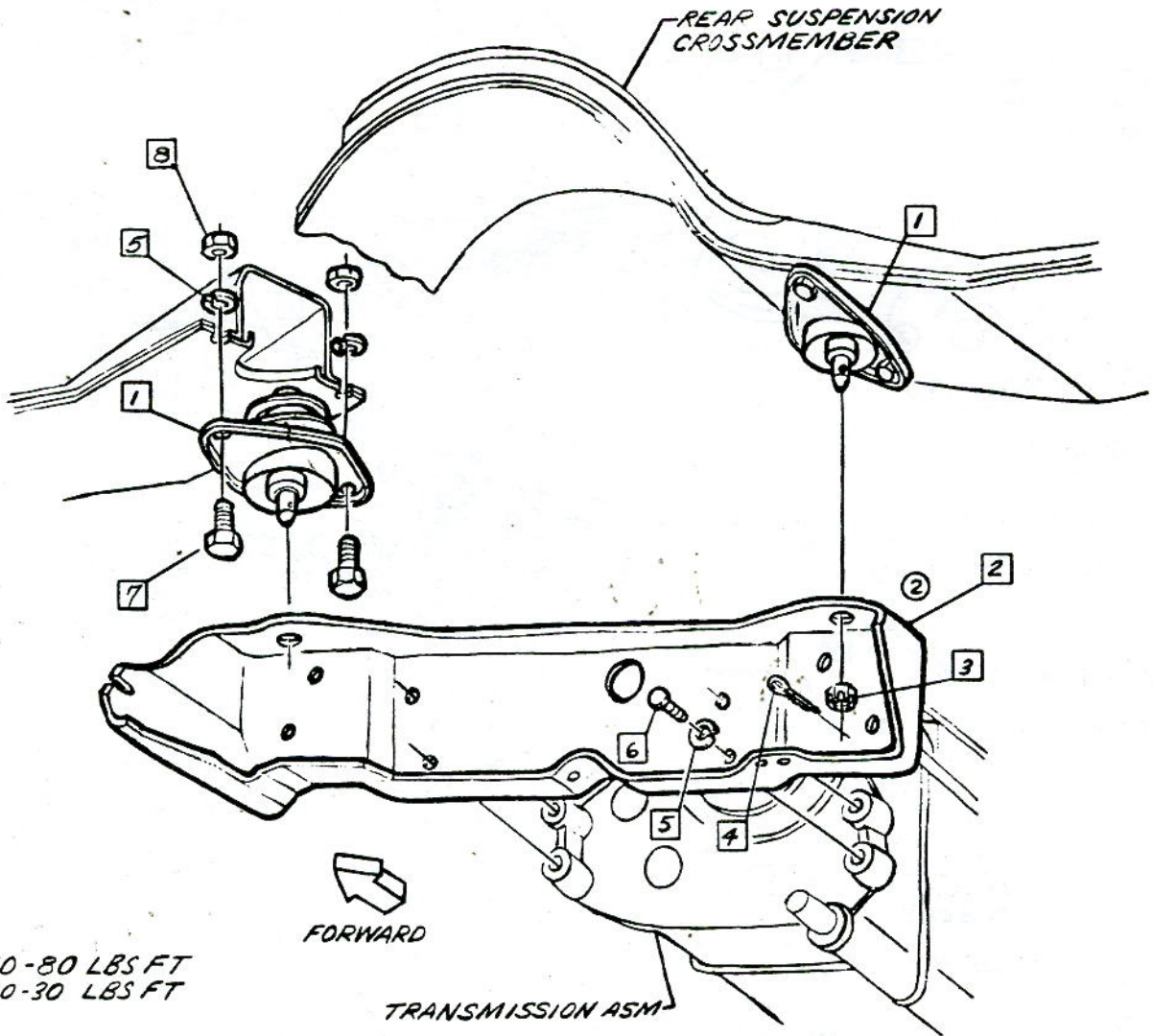
NOTE Route spark plug above carb. fuel pipe & through R.H. retainer as shown, on 10700 & 10100-500 with L63.

NOTE Position retainer .76 to rear of gas feed pipe.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
SPARK PLUG WIRING & COIL MOUNTING		6	12-65	G	REKAWIN & REDSIGNED	ES389	JL	CI
10000		B8.						
DWG/REL 2-28	JB	REF: Prel. B-2	L-	L-				
DATE/REL 5-21		L-	L-	L-				
		1 SHEET						

- ③ 1 3872898 MOUNTING ASM
- ① 2 3868692 SUPPORT ASM
- ▲ 3 9414262 NUT
- 4 103374 C. PIN
- 5 103321 L. WASHER

- ▲ 6 179841 SCREW
- 7 179838 BOLT
- ▲ 8 102635 NUT

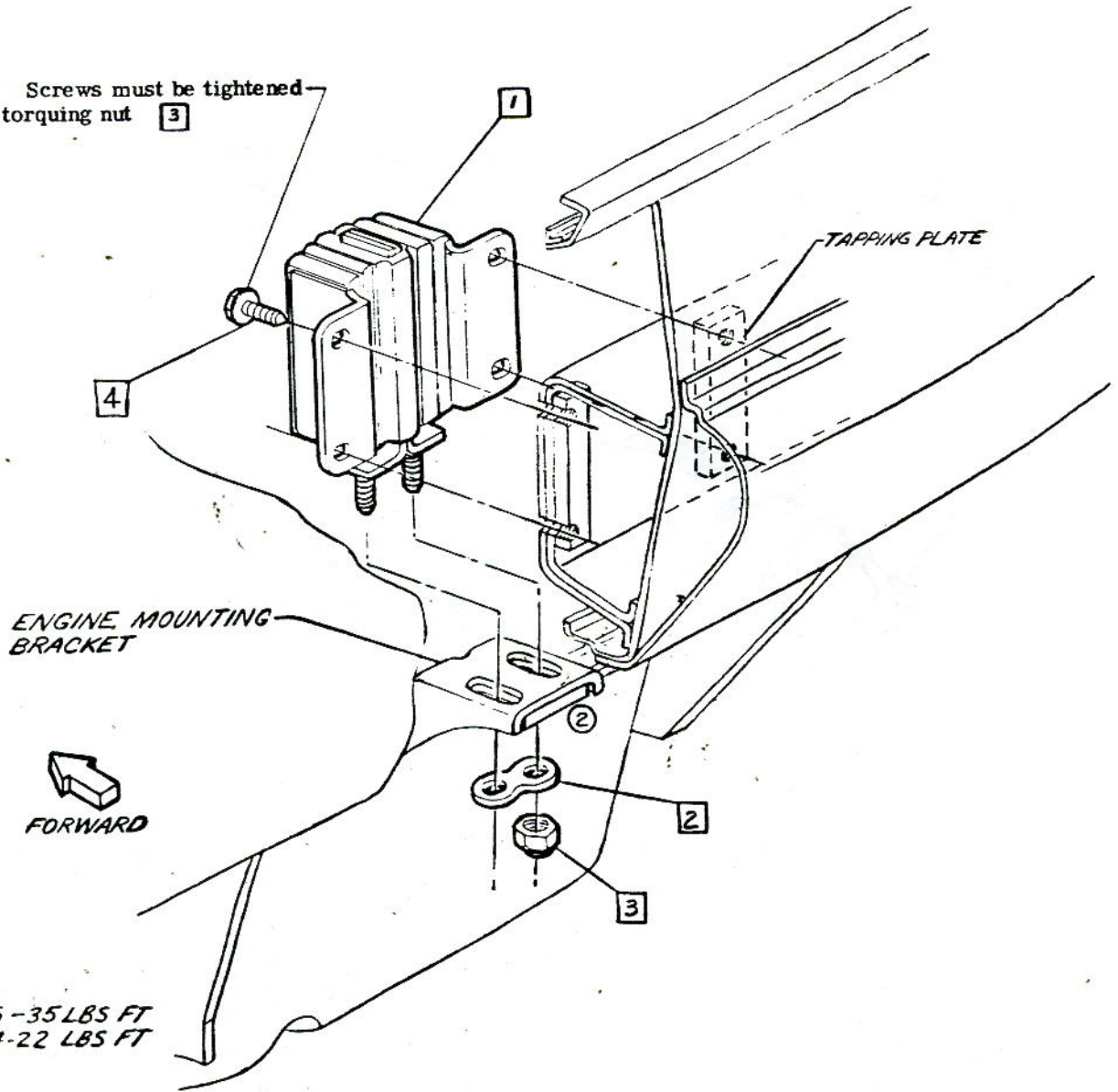


- ▲ 60-80 LBS FT
- ▲ 20-30 LBS FT
- ▲
- ▲

● CHEVROLET MOTOR DIVISION, GMC ●		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
ENGINE FRONT MOUNTING		6	7-28-64	1	WAS 3858043 SUPPORT	64639	JB		
10000					2	DWG REVISED			DF
DWG PREL 3-13		B9.	9-24-64	3	WAS 3858041 MOUNTING	66563	SB	DF	
DATE REL 5-21									
REF: Prel. B-11 L-73569 L-									
L- L- L-		SHEET							

- ⑤ ④ ③ ① 3880558 MOUNTING ASM
- ② 3866517 SPL WASHER
- ▲ ③ 9422298 NUT
- ▲ ④ 3847758 SCREW ASM

NOTE Screws must be tightened before torquing nut ③

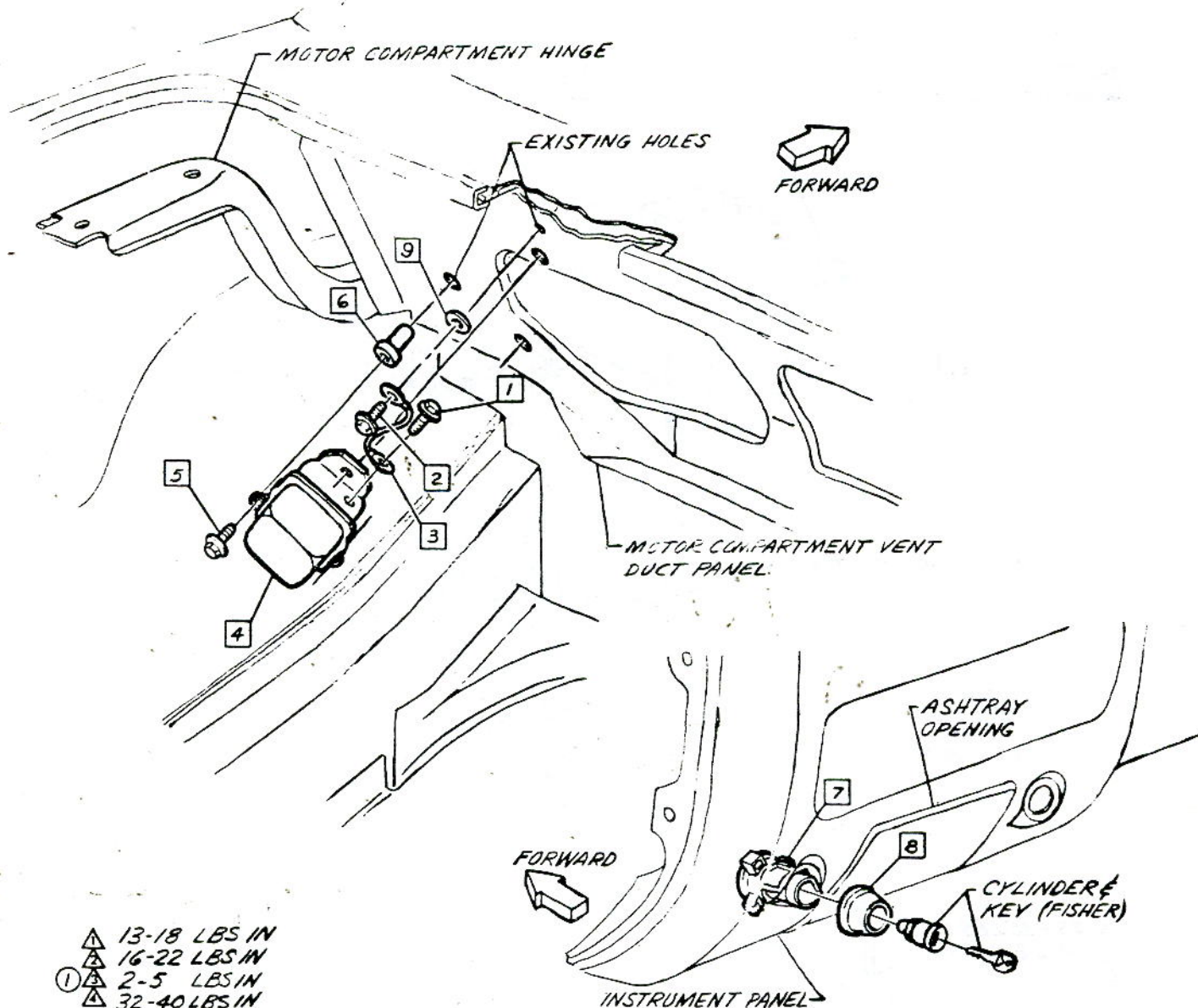


- ① ▲ 25-35 LBS FT
- ▲ 14-22 LBS FT
- ▲
- ▲

CHEVROLET MOTOR DIVISION, GMC			UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
ENGINE MOUNTING-REAR			6	3-30-64	1	TORQUE (1) WAS 50-60 LBS. FT.	65822	EC	DF
10000				5-17-64	2	DWG REVISED 2 PLACES	65882	JB	
DWG/PREL 3-16 JB			B10.		3	WAS 3859833 MOUNTING			DF
DATE/REL 5-8				9-24-64	4	WAS 3872035 MOUNTING	66585	SB	DF
REF: Prel. B-12L-73569 L-75755				3-4-65	5	WAS 3878857 MOUNTING	66825	JC	
L- L- L-						& DRAWING REVISED			CI

X SHEET

- | | | | | | |
|-------|---------|---|-----|---------|---------------------|
| ⚠ 1 | 9419305 | SCREW | 6 | 3858889 | NUT ASM |
| ⚠ 2 | 9414192 | SCREW | 7 | 1116662 | SWITCH ASM-IGNITION |
| 3 | 2986261 | WIRE ASM-GROUND | ⚠ 8 | 3861408 | NUT-SPL |
| 4 | 1119515 | REGULATOR ASM | 3 9 | 121753 | WASHER |
| ① 3 5 | 3866484 | SCREW-Shoulder of screw must be seated against threaded brass sleeve in nut | | | |

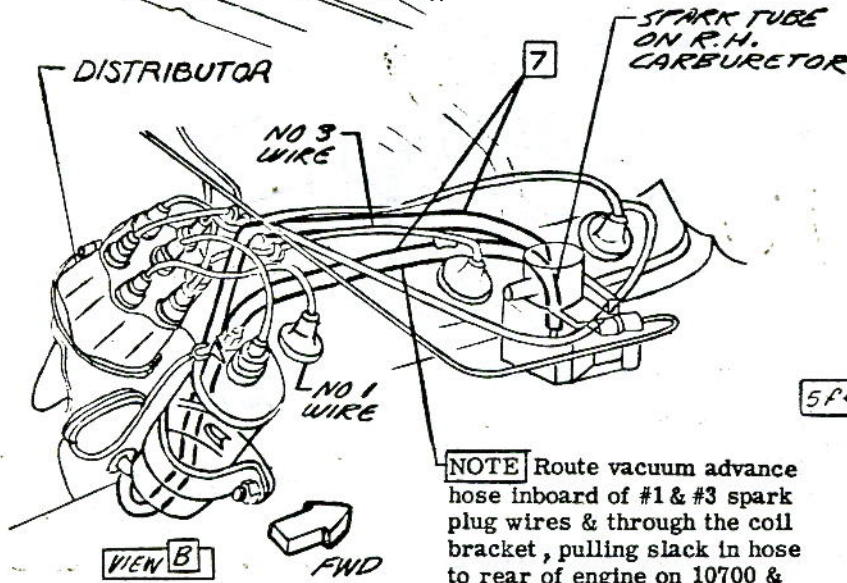
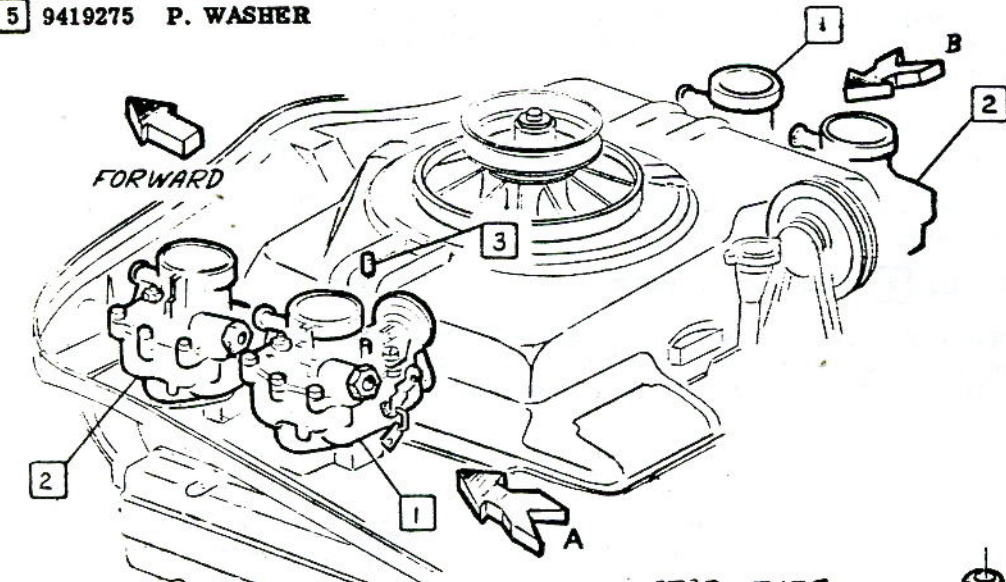


- ⚠ 13-18 LBS IN
- ⚠ 16-22 LBS IN
- ① ⚠ 2-5 LBS IN
- ⚠ 32-40 LBS IN

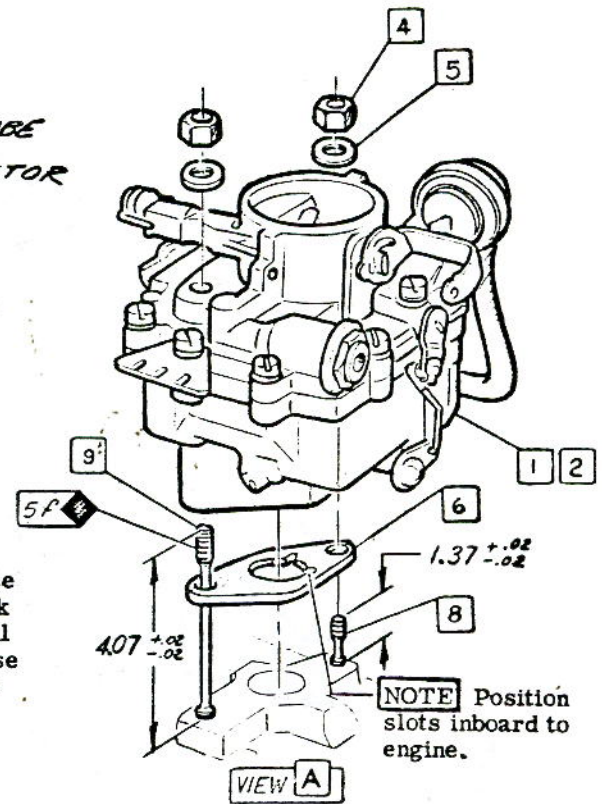
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
IGNITION SWITCH & VOLTAGE REGULATOR		6	7-22-64	1	WAS 384-955 SCREW & TORQUE 24-35 LBS IN	65823	JB	
10000					2	SCREW NOTE ADDED		
DWG PREL 3-20 JB REF: Prel. B-13 L-73258 L-73182		B11.	1-19-65	3	ITEM 5 ADDED	68668	MB	CL
DATE REL 3-20			SHEET					

- 1 7025023 CARBURETOR ASM
- 2 7025227 CARB ASM-SECONDARY -10700
- 3 3767304 PLUG-CARB VAC
- 4 120368 NUT
- 5 9419275 P. WASHER

- 6 3787453 INSULATOR
3826302 OPT
- 7 3814338 HOSE
- 8 3786683 STUD
- 9 3786684 STUD



NOTE Route vacuum advance hose inboard of #1 & #3 spark plug wires & through the coil bracket, pulling slack in hose to rear of engine on 10700 & 10100-500 with L 63.



- ▲ 7 - 13 LBS FT
- ▲ 100 - 140 LBS IN
- ▲
- ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CARBURETOR-SPARK HOSE		6	2-23-65	6	7025023 CARBURETOR-10700 RHYD.	60-24-JM		
10000			7		WAS 7025226 CARB.			CI
DWG PREL 3-2		C1.						
DATE REL 5-11	RS REF: Prel. CI L-75671 L-							
SHEET 3								

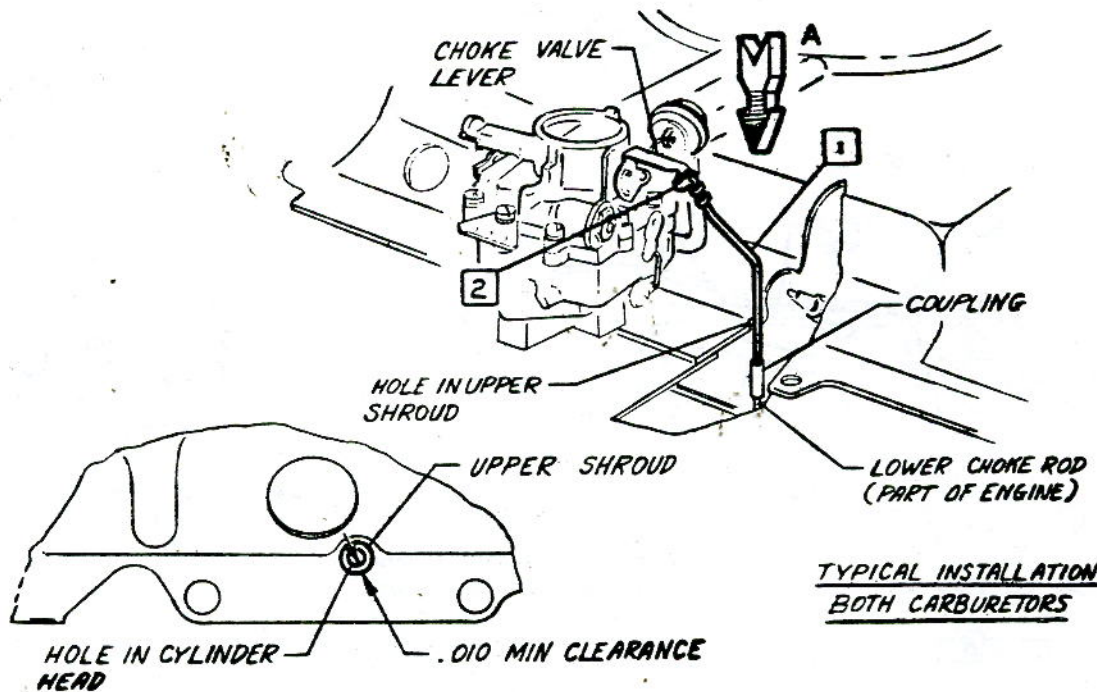


- 1 3819238 ROD-UPPER
- 2 6255773 CLIP

AUTOMATIC CHOKE ADJUSTMENT PROCEDURE

1. Before installing carburetor & fuel lines, thread upper choke rod into choke rod coupling for about 26 turns. Lower rod need not be held for this operation.
2. After installing carburetor, hold choke blade in closed position & while holding choke rod asm. upward against the internal stop, adjust upper rod in coupling until the upper end is in alignment with & freely enters the carburetor choke shaft lever hole, then back out upper rod two (2) turns.
3. Install clip **2** when proper adjustment has been determined.

CAUTION To minimize possibility of deforming upper rod, when adjusting length turn vertical portion of rod which is in line with lower rod. Do not "CRANK" rod from top of offset portion.



VIEW A

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYN	REVISION RECORD	AUTH.	DR	CK
AUTOMATIC CHOKE		6						
10000		C2.						
DWG PREL 3-3	ES	REF: Prel. C 2	L- 15671	L-				
DATE PREL 5-11		L-	L-	L-				
		<input checked="" type="checkbox"/> SHEET						



CHEVROLET

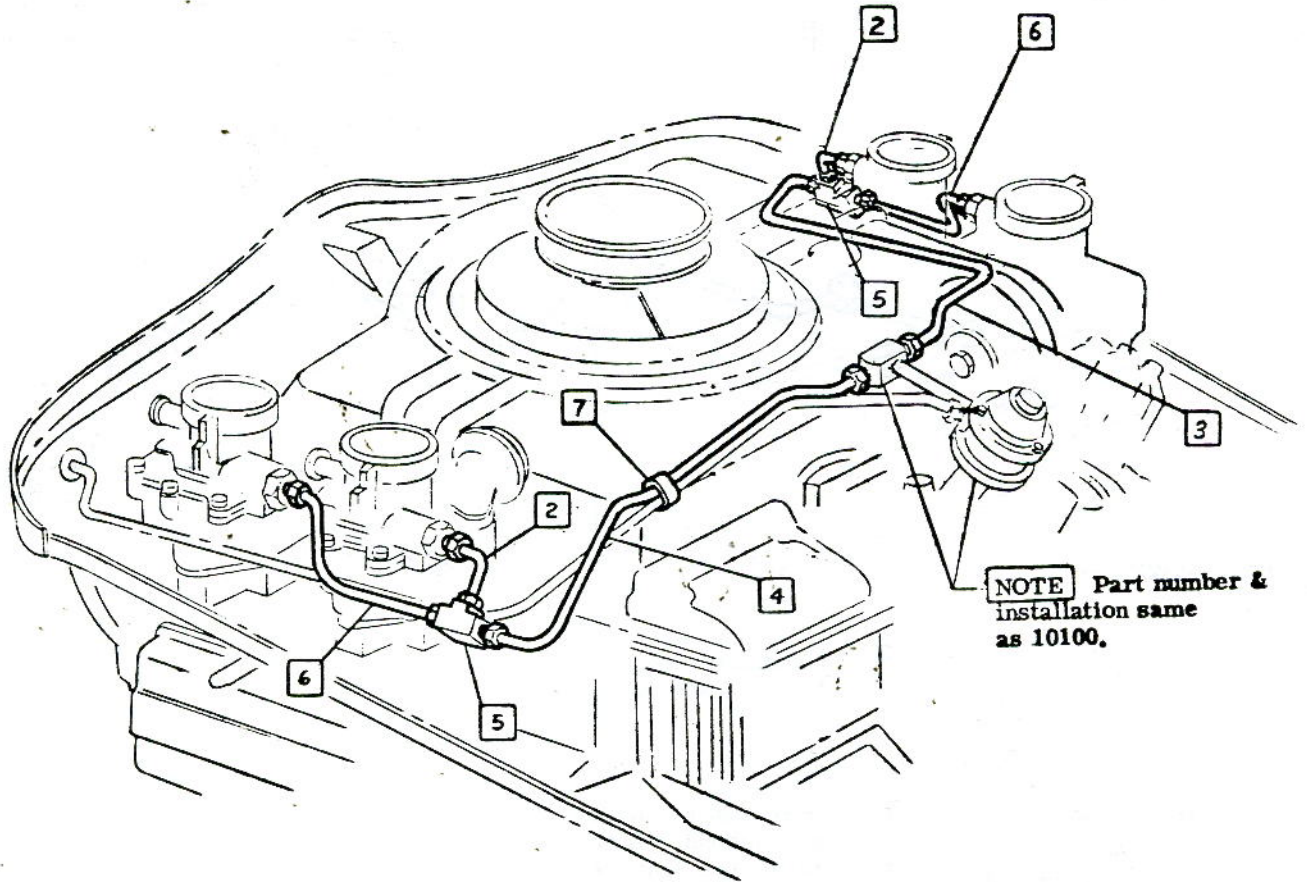
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- ④ ⚠ ①
- ⚠ ② 3856780 PIPE ASM
- ⑤ ⚠ ③ 3878594 PIPE ASM R.H.
- ⚠ ④ 3867248 PIPE ASM L.H.
- ⑤ ⑤ 127927 TEE

- ⑥ ⚠ ⑥ 3870279 PIPE ASM
- ⑦ 3785694 CLIP

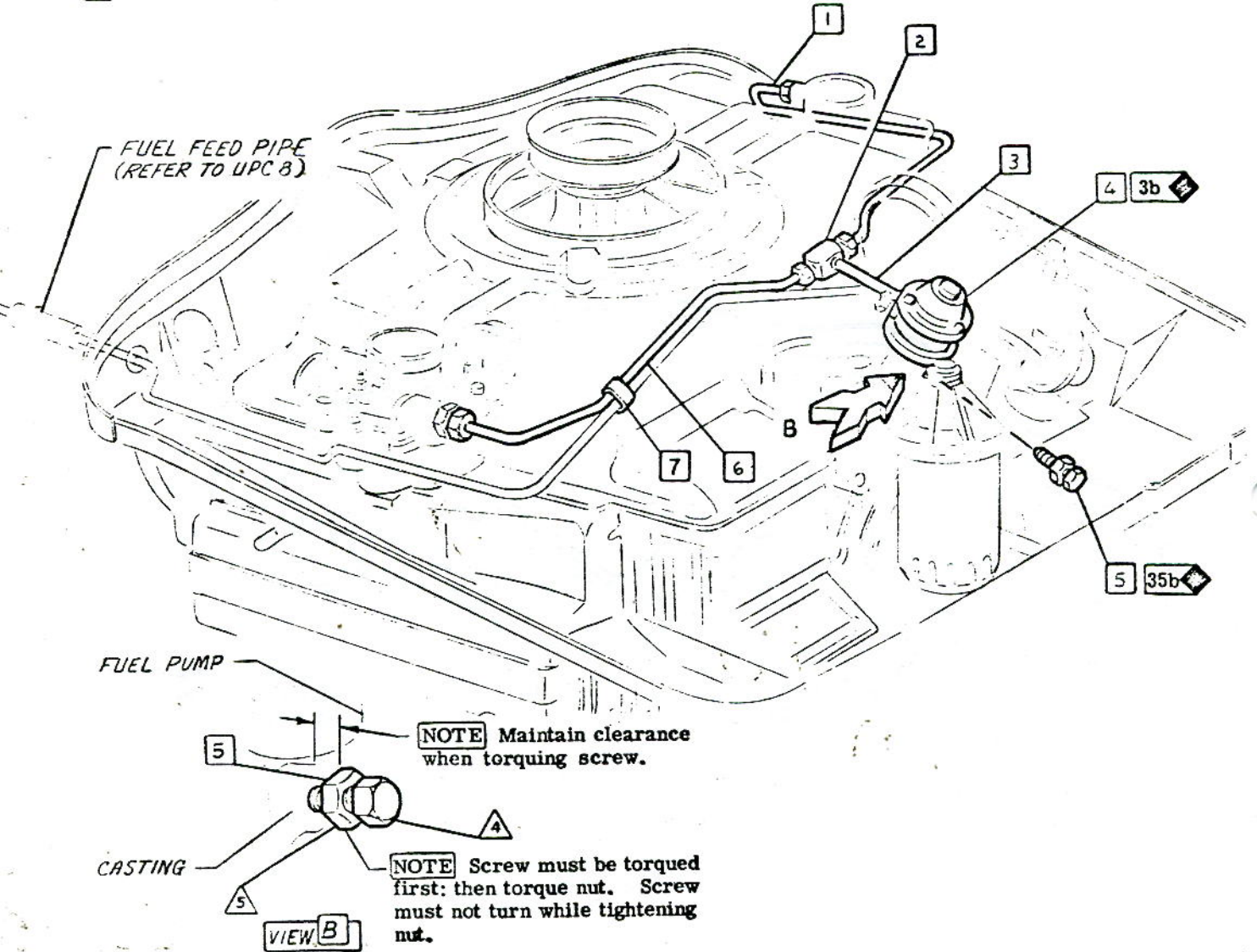


NOTE Part number & installation same as 10100.

⚠ 85 - 105 LBS IN
 ⚠
 ⚠
 ⚠

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FUEL LINES				6	2-11-65	4	3856784 PIPE REMOVED & DRAWING REVISED	63082	CH	
10700				C4.		5	WAS 3856782 PIPE (DRAWING REVISED)			
DY:G PREL 3-10 DATE PREL 5-12				REF: Prel. C 0 L- L- L-		6	WAS L.H. ONLY			CI
				☑ SHEET						

- | | | | | | | | |
|---|---------|---------------------------|---------------|---|---------|--------------------------|-----------------|
| 1 | 3785616 | PIPE ASM-R.H. - 10100-500 | ⚠ | 6 | 3814025 | PIPE ASM L.H. -10100-500 | |
| ⚠ | 2 | 178910 | TEE | ③ | 7 | 3785694 | CLIP -10100-500 |
| ⚠ | 3 | 192044 | NIPPLE | ① | | | |
| | 4 | 5656774 | FUEL PUMP ASM | | | | |
| | 5 | 6256367 | SCREW ASM | | | | |



- ⚠ 85 - 105 LBS IN
- ⚠ 110 - 130 LBS IN
- ⚠ 45 - 60 LBS IN
- ⚠ 5 - 10 LBS FT
- ⚠ 9 - 15 LBS FT

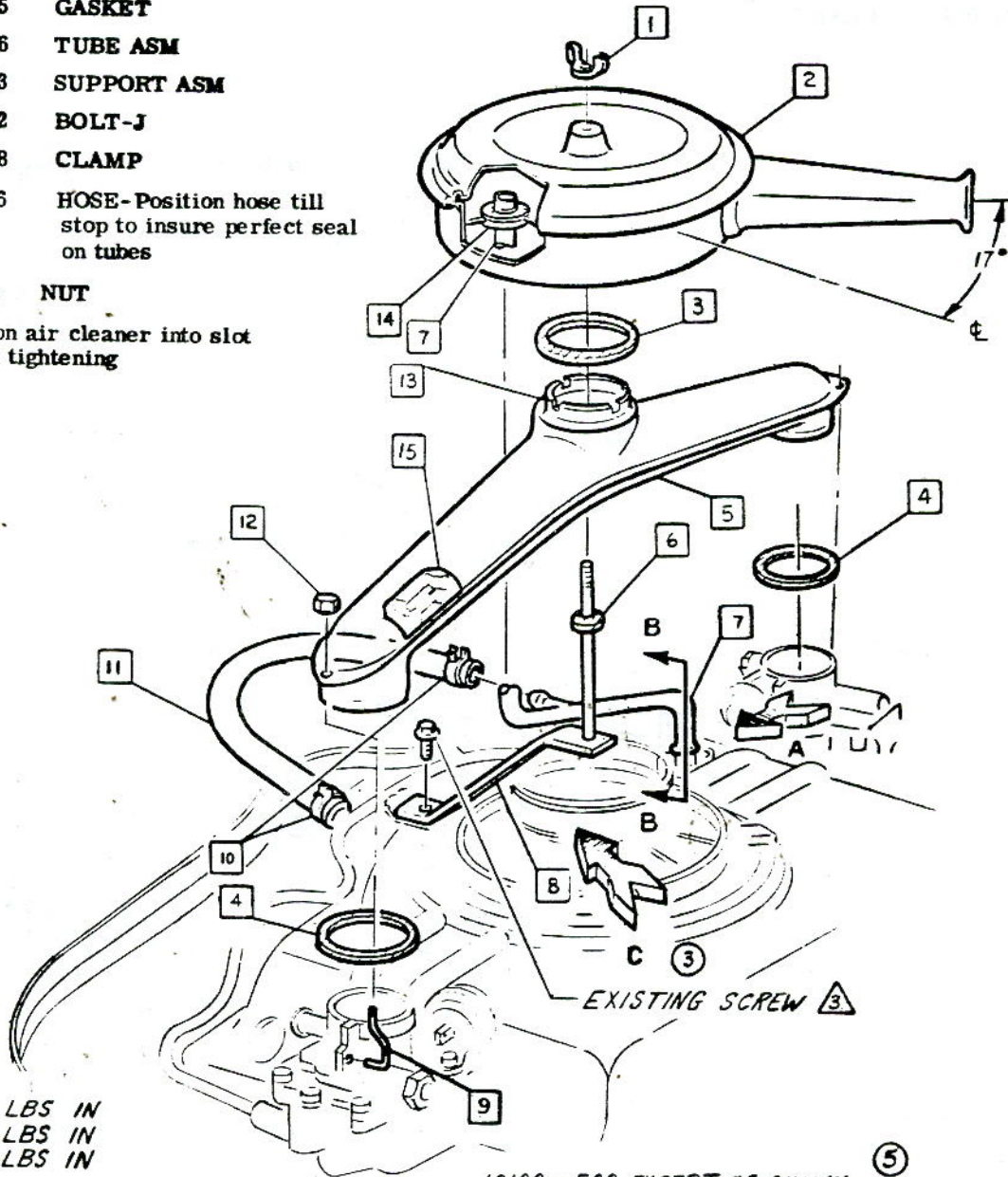
②

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FUEL PUMP & FUEL PIPES		6	7-20-64	1	3851821 & 386753 DECAL REMOVED	64271	RS	
				2	VIEW (A) REMOVED			HB
			3-16-69	3	ITEM (7) ADDED	15867	RS	DF
10000		C5.						
DWG PREL 3-3	RS		REF: PreL C3	L-74795	L-			
DATE REL 5-8			L-	L-	L-			
		SHEET						

- ① 1 9418699 WING NUT
- 2 6419705 AIR CLEANER
- 3 3708408 GASKET
- 4 3845685 GASKET
- 5 3856700 TUBE ASM
- 6 5646135 GASKET
- 7 3845686 TUBE ASM
- 8 3845683 SUPPORT ASM
- 9 3845682 BOLT-J
- 10 3829058 CLAMP
- 11 3851856 HOSE-Position hose till stop to insure perfect seal on tubes

- 14 3851855 GROMMET
- ② 15 3851821 DECAL COMANIA-10100-500
- 3867213 10700

- ② 12 190254 NUT
- 13 Position air cleaner into slot before tightening



- ④ ① ▲ 15-20 LBS IN
- ▲ 12-15 LBS IN
- ▲ 70-95 LBS IN

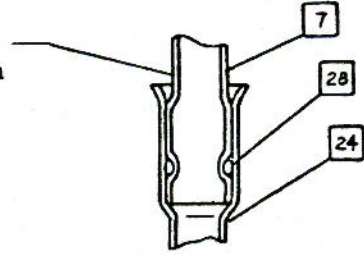
10100-500 EXCEPT AS SHOWN ⑤

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
CLOSED ENGINE POSITIVE VENTILATION		6	7-20-64	1	TORQUE (1) WAS 5-8 LBS IN	64798	RS		
					2	ITEM (15) ADDED	64271		
					3	VIEW (C) ARROW ADDED		HB	
				2-4-64	4	TORQUE (1) WAS 5-20 LBS IN.	64795	RC	DF
				10-6-64	5	MODEL NOTE ADDED		RS	
					6	WAS 10100-500 MODELS			DF
10000 ⑥		REF C7.							
DWG PREL 3-6	RS	REF: Prel. C5	L-71204	L-71020					
DATE REL 5-21		L-71747	L-	L-					
		☒ SMEET							

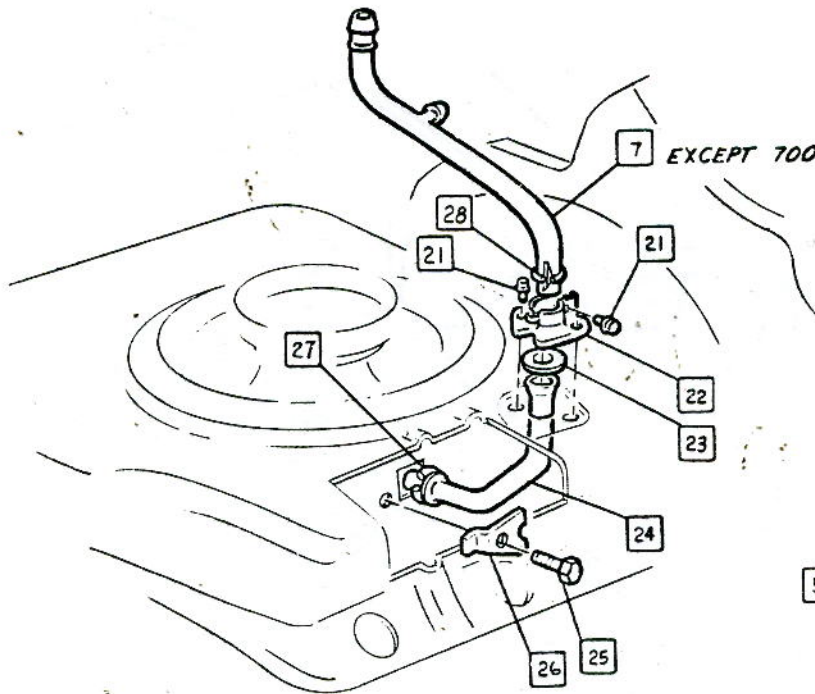
- 3 21 9417558 SCREW
- 22 3830641 CLAMP
- 23 3831574 GASKET
- 24 3830640 TUBE
- 4 25 100121 BOLT
- 26 6257098 CLAMP

- 27 3849320 "O" RING
- 28 3819252 "O" RING

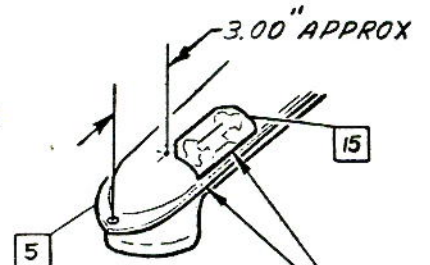
NOTE Tubes to be assembled as shown to provide proper hose alignment.



SECTION B-B



VIEW A



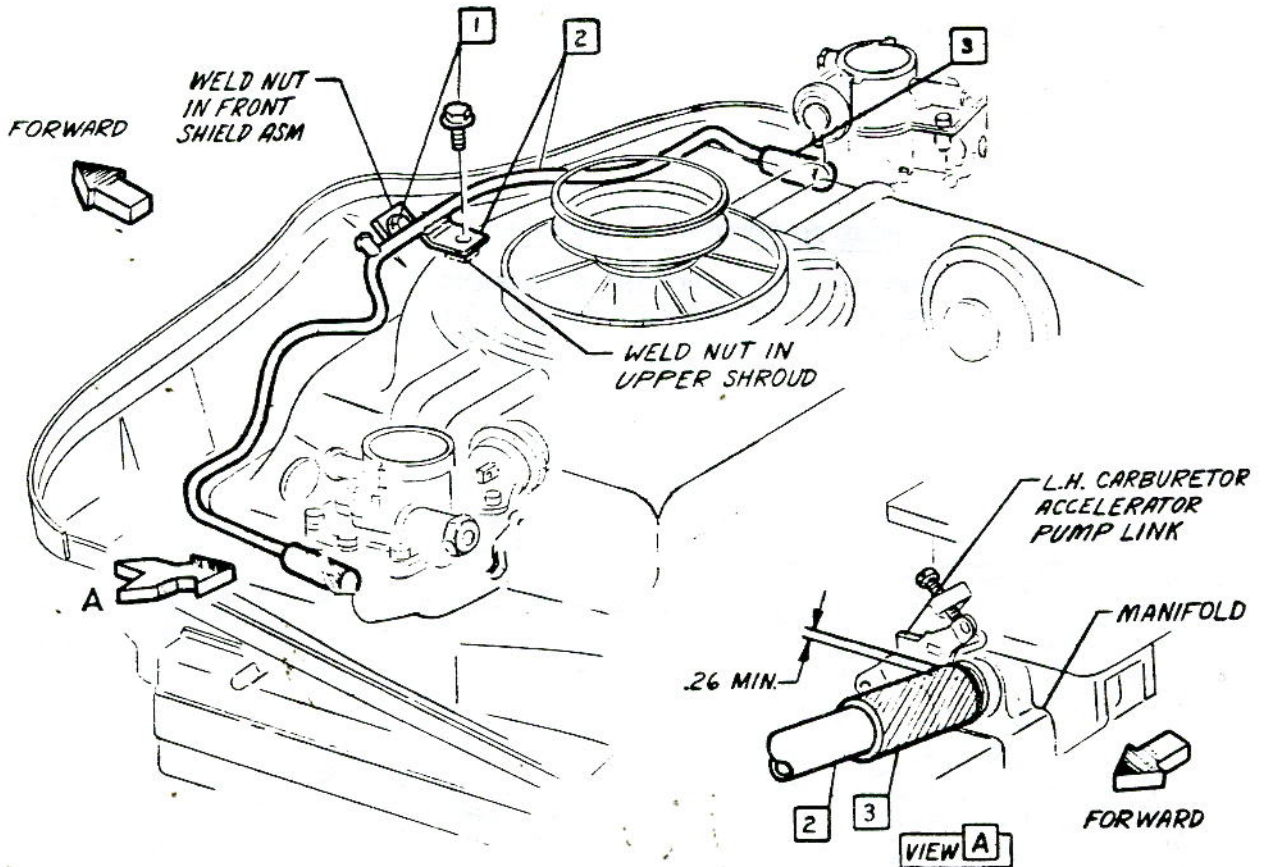
NOTE PARALLEL & ADJACENT

1 **VIEW C**

- ▲ _____
- ▲ 15 - 25 LBS IN
- ▲ 100 - 132 LBS IN

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CLOSED ENGINE POSITIVE VENTILATION		6	7-20-64	1	VIEW (C) & NOTE ADDED	64271	RS	HB
10000.		REF C 6.						
DWG PREL 3-7		RS	REF: Prel. C-6	L-64021	L-			
DATE REL 5-11			L-	L-	L-			
		C 7.						
		SHEET						

- ① 1 9417881 SCREW
- ② 2 3867223 TUBE ASM 10100-500
- ① 3870298 -10700
- ③ 3 3828954 HOSE



RECOMMENDED ASSEMBLY PROCEDURE

1. Assemble right & left side of tube asm. to engine manifold.
2. Assemble tube assembly to front shield asm. & upper shroud asm.

▲ 70 - 95 LBS IN
▲
▲
▲

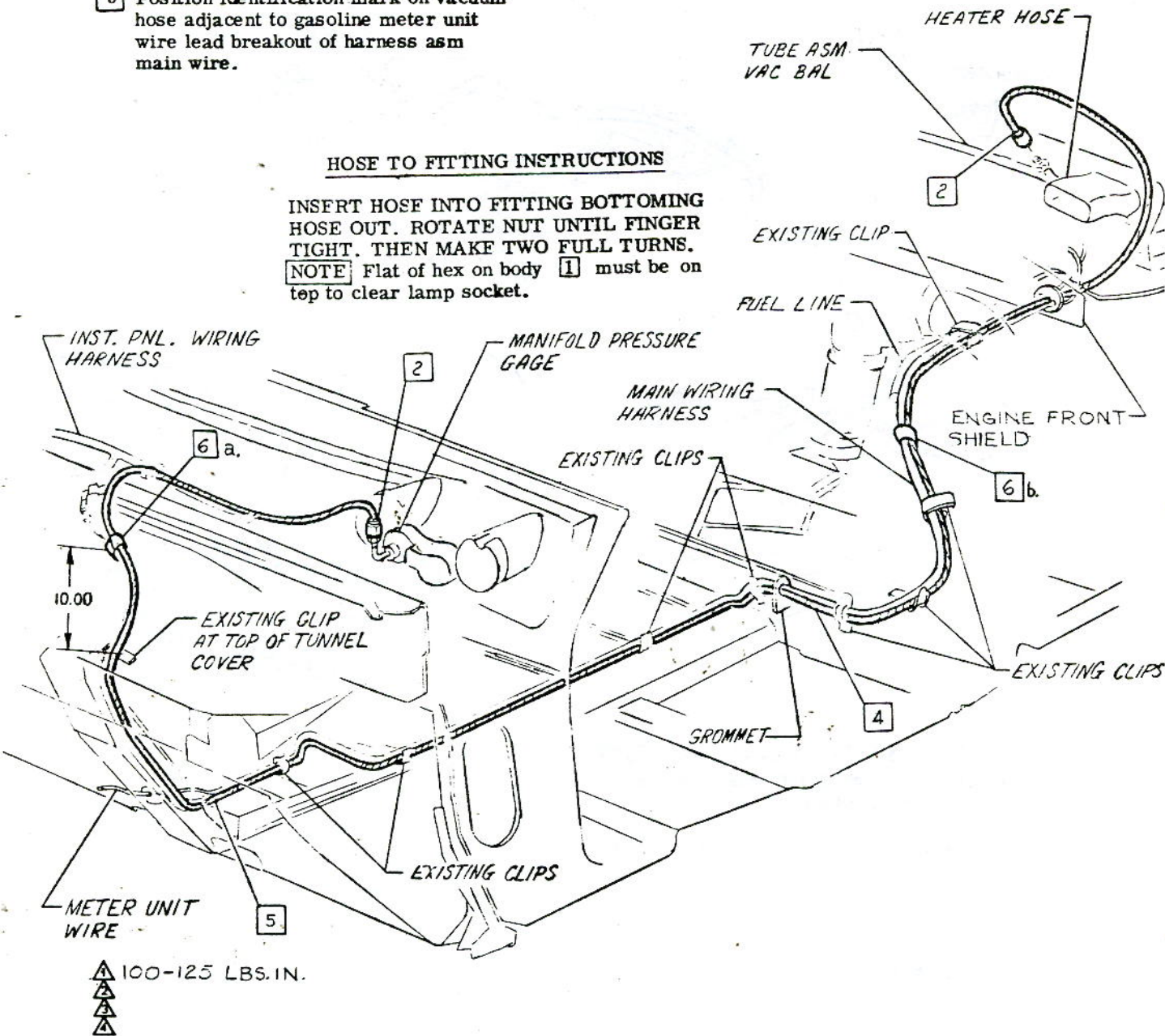
CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
VACUUM BALANCE TUBE				6	7-10-64	1	3856739 WAS 3856719	64796	RS	HR
					10-5-64	2	3870298 WAS 3856739	66829	RS	DF
10000				C 8.						
DWG PREL 3-5	RS	REF. Prel. C 4	L-73370		L-					
DATE REL 5-11		L-	L-	L-						
				☒ SHEET						

- ④ ①
- ⑤ ▲ ② 3886604 NUT & FERRULE ASM.
- ⑥ ③
- ④ ④ 3324378 HOSE
- ⑤ ⑤ Position identification mark on vacuum hose adjacent to gasoline meter unit wire lead breakout of harness asm main wire.

⑦ ⑥ 3724851 TAPE a. 3 IN.
b. 6 IN.

HOSE TO FITTING INSTRUCTIONS

INSERT HOSE INTO FITTING BOTTOMING HOSE OUT. ROTATE NUT UNTIL FINGER TIGHT. THEN MAKE TWO FULL TURNS.
NOTE Flat of hex on body ① must be on top to clear lamp socket.

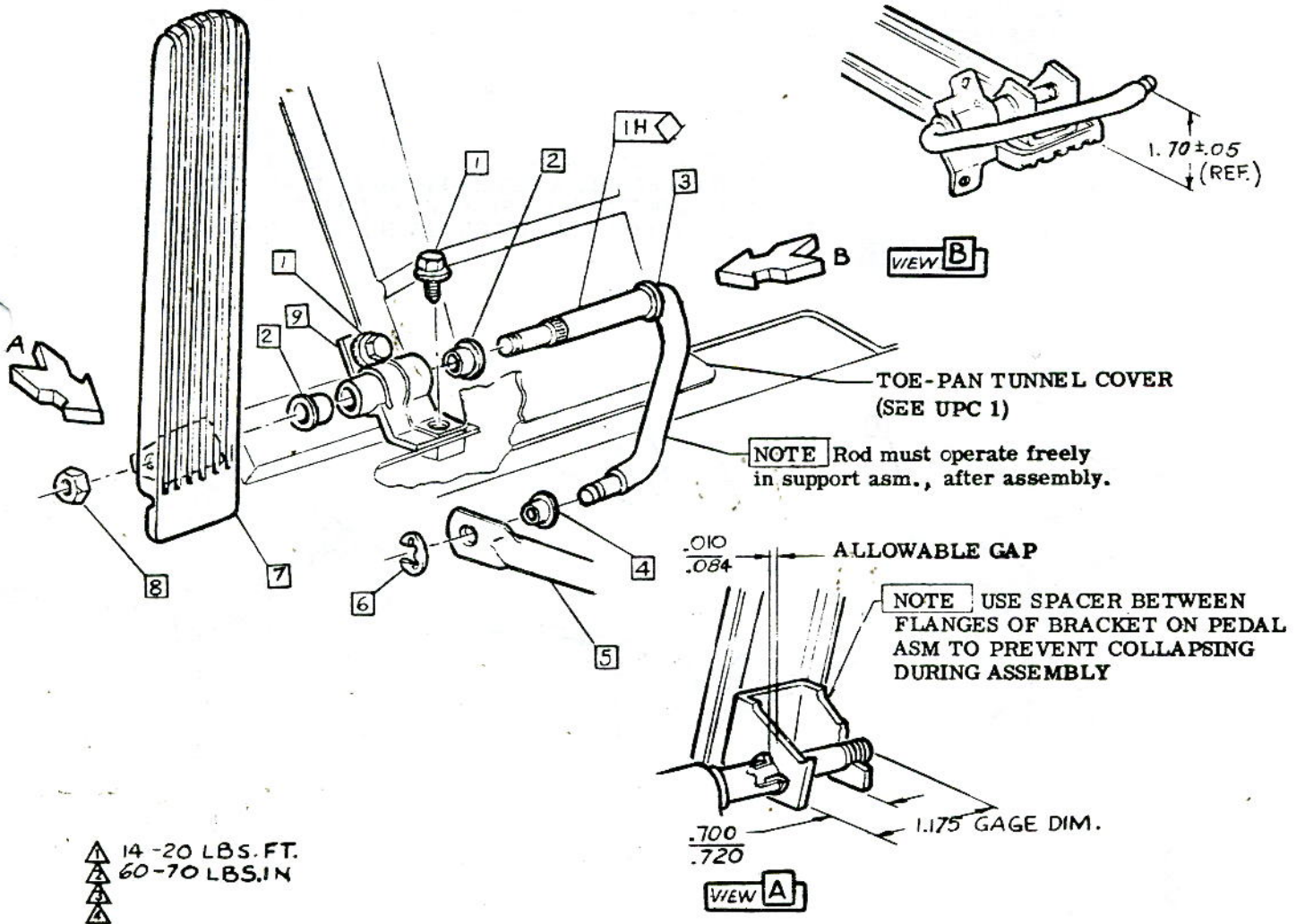


▲ 100-125 LBS. IN.
▲
▲
▲

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
VACUUM GAGE HOSE		6	4-23-65	+	3866222 FERRULE REMOVED	15377	KM	
10700		C9.		5	WAS 3866222 NUT			
DWG PEL 3-16 RS REF: Prel. C11 L-72621 L-40990		SHEET IV		6	3819070 CLIP REMOVED			
DATE PEL 5-18 L-72625 L-				7	ITEM 6.b. ADDED			CI



- | | | | | | | |
|----|---------|-------------------------|----|---|---------|--------------|
| 1 | 3846201 | SCREW | 11 | 7 | 3878071 | PEDAL ASM. |
| 2 | 3710620 | BUSHING | 9 | 8 | 9422276 | NUT |
| 3 | 3861873 | ROD-ACCELERATOR PEDAL | 9 | 9 | 3861874 | SUPPORT ASM. |
| 4 | 6255952 | BUSHING | | | | |
| 5 | 3868644 | ROD-ACCELERATOR CONTROL | | | | |
| 10 | 6 | 214612 | | | | |
| | | RING - RETAINER | | | | |



▲ 14-20 LBS. FT.
▲ 60-70 LBS. IN
▲

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.	
ACCELERATOR PEDAL & LINKAGE				6	11-11-67	9	WAS 9414072 NUT	67286	RC	DF	
					12-14-68	10	WAS 276412 RING		BR	CI	
					12-30-68	11	WAS 3783566 PEDAL & DRAWING REVISED	15957	BR	CI	
10000				D1.							
DWG PREL 1-31					RC	REF: Prot. D1	L-71490 L-				
DATE REL 1-31						L-	L-				
				SHEET							



- ① 3861879 ROD
- ② 3875095 ROD ⑦
- ③ 3873990 SPRING-PULLBACK

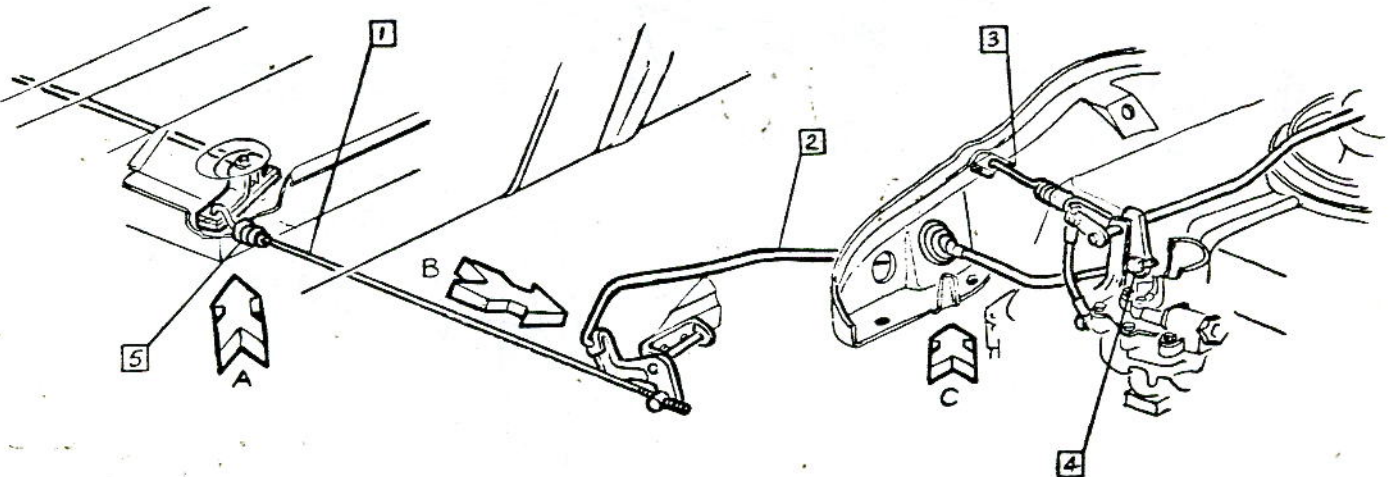
- ④ 3785360 SWIVEL
- ⑤ 6256998 BOOT

ACCELERATOR CONTROL LINKAGE ADJUSTMENT

ROTATE REAR IDLER LEVER ③ AT TRANSMISSION CLOCKWISE UNTIL LEVER HITS STOP ON BRACKET ② & HOLD IN THAT POSITION. ACTUATE CARB. CROSS SHAFT THROTTLE VALVE LEVER UNTIL L.H. CARB. IS IN WIDE OPEN THROTTLE POSITION. ALIGN SWIVEL ④ AT UPPER END OF CARB. CROSS SHAFT ROD ② UNTIL IT ENGAGES HOLE IN CROSS SHAFT LEVER FREELY. REMOVE SWIVEL FROM HOLE & RELEASE IDLER LEVER & CROSS SHAFT LEVER TO IDLER POSITION & BACK OFF SWIVEL ④ FIVE FULL TURNS. RE-ENGAGE SWIVEL ② IN CROSS SHAFT LEVER HOLE & ATTACH SPRING ③ RECHECK ADJUSTMENT BY OPENING REAR IDLER LEVER ③ TO WIDE OPEN THROTTLE POSITION & CHECK THAT CARB. VALVE IS AT WIDE OPEN THROTTLE POSITION. (WIDE OPEN THROTTLE POSITION MAY BE ESTABLISHED BY EITHER L.H. OR R.H. CARBURETOR IF CROSS SHAFT LINKAGE ADJUSTMENT HAS BEEN MADE. SEE SHT. D4.00) WITH THE REAR IDLER ROD SWIVEL REMOVED FROM THE HOLE IN REAR IDLER LEVER ② HOLD THE REAR IDLER LEVER IN WIDE OPEN THROTTLE POSITION, DEPRESS ACCELERATOR PEDAL TO WITHIN 2.00 ⑤ ④ INCHES OF THE TOE PAN ON JOBS WHICH COMBINE L63 & M35, SET TO WITHIN 1.50 inches of toe pan on all other jobs. (CARPET REMOVED). MEASURE FROM UNDERSIDE OF RUBBER FLANGE AT TOP END OF PEDAL. A SLIGHT PRESSURE IS REQUIRED ON ROD ① UNTIL ACCELERATOR PEDAL BOTTOMS ON SPACER. ADJUST SWIVEL ③ UNTIL IT FREELY ENGAGES HOLE IN BOTTOM OF REAR IDLER LEVER ② & ASSEMBLE WITH RETAINING RING ③.



FORWARD



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
ACCELERATOR CONTROLS LINKAGE & ADJUSTMENT				6	6-25-64	1	ITEM 5 ADDED	64778	RC	DF
10000					7-10-64	2	WAS 3864834 ROD	—	RC	DP
REF D 3.					9-29-64	3	EXC 10700 RMVD FROM NOTE/TITLE	64767	RC	
D2.						4	1.50 WAS 1 1/4			DF
DWG PREL 2-14 R.C. REF: Prel. D2. L-71490 L-					12-30-64	5	ADJUSTMENT NOTE REVISED	67772	BR	CI
DATE REL 2-14 L- L- L-					1-22-65	6	WAS 3851924 SPRING & DWG REVISED	67102	BR	
SHEET						7	WAS 3861883 ROD			CI

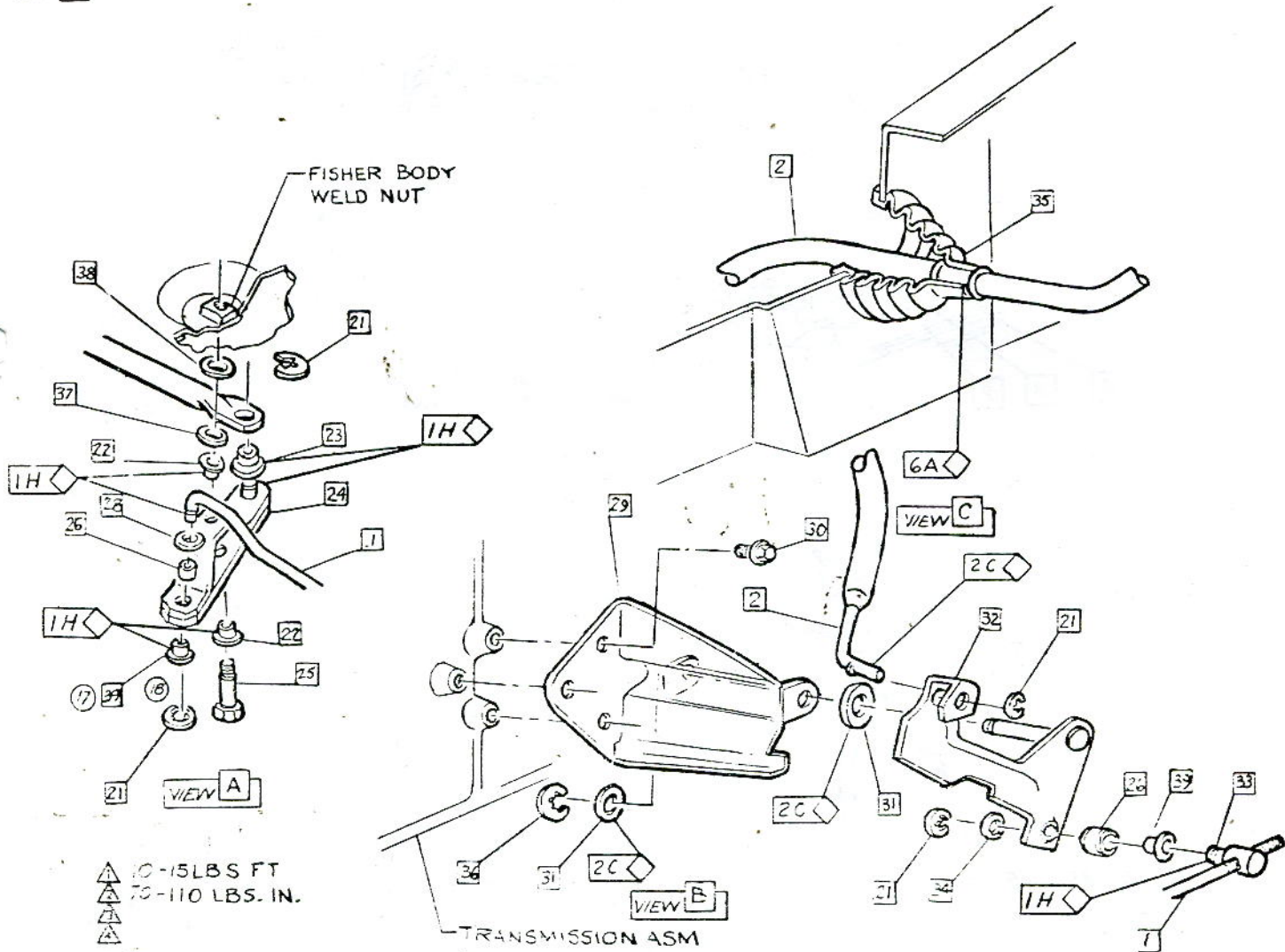
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 21 274612 RING-RETAINING
- 22 3861877 SLEEVE
- 23 6255952 BUSHING
- 24 3861876 LEVER
- 25 3876942 BOLT
- 26 3861880 BUSHING
- 27 3707713 SLEEVE
- 28 3718496 P. WASHER
- 29 3787007 BRACKET
- 30 423345 SCREW

- 31 3787002 SPL. WASHER
- 32 3861881 LEVER
- 33 6257704 SWIVEL
- 34 3718496 SPL. WASHER
- 35 3784992 BOOT
- 36 9413523 RING RETAINING
- 37 3866515 SPL. WASHER
- 38 3728666 SPL. WASHER
- 39 3866271 SLEEVE



▲ 10-15 LBS. FT.
▲ 70-110 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
ACCELERATOR CONTROLS LINKAGE & ADJUSTMENT				6	11-17-67	17	WAS ITEM 37	60072		
10000				REF D 2.			18 ITEM (23) REMOVED			01
DWG PREL 2-17				D3.						
DATE REL 2-17				SHEET						
RC REF: Prel. D3 L-71490 L-										
L- L- L-										

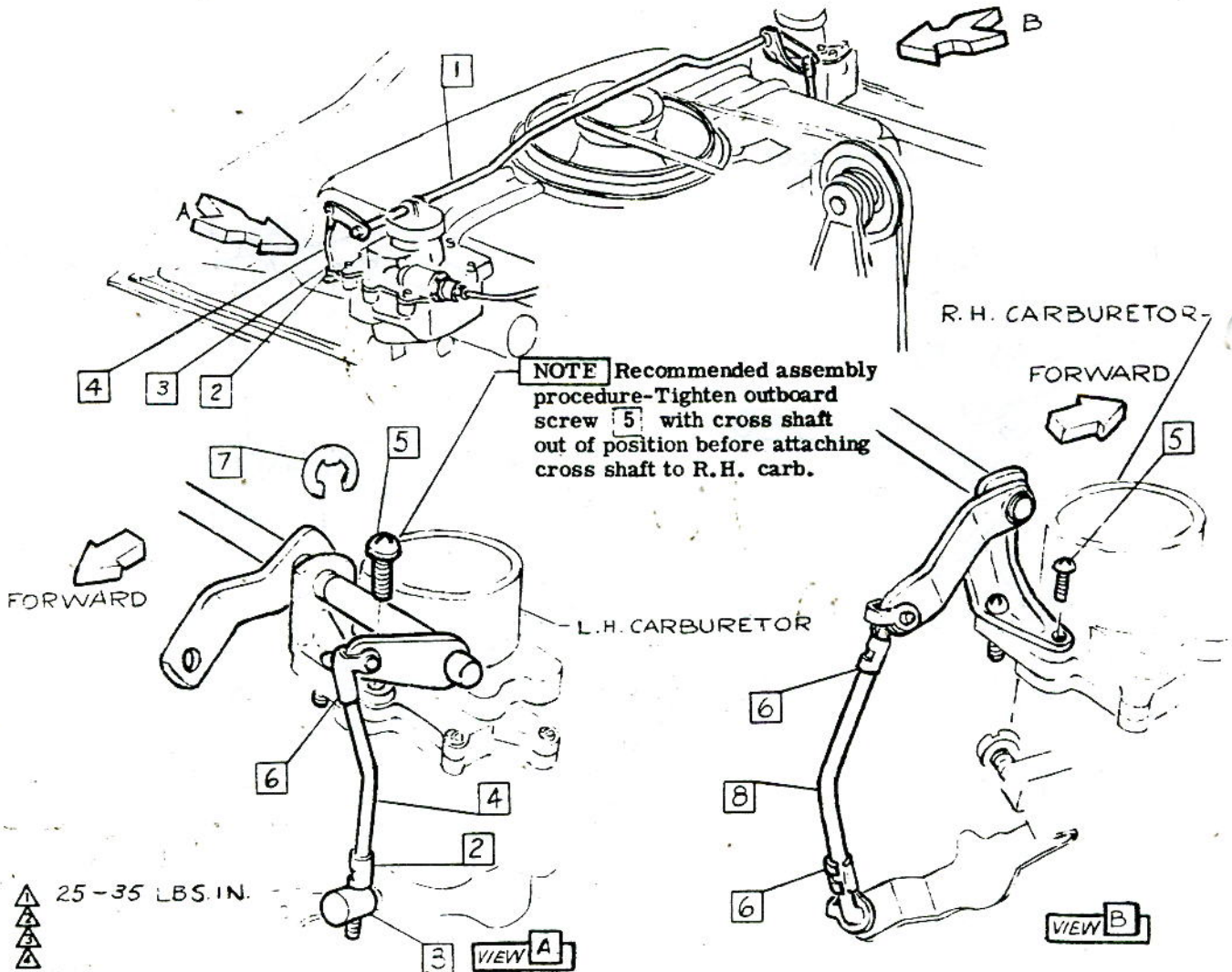


- 1 3850535 CROSS SHAFT ASM.
- 2 554285 CLIP
- 3 6255916 SWIVEL
- 4 3814081 ROD
- 5 273335 SCREW ASM.
- 6 2294788 CLIP

- 7 148149 RETAINER
- 8 3814082 ROD

CARBURETOR ADJUSTMENT

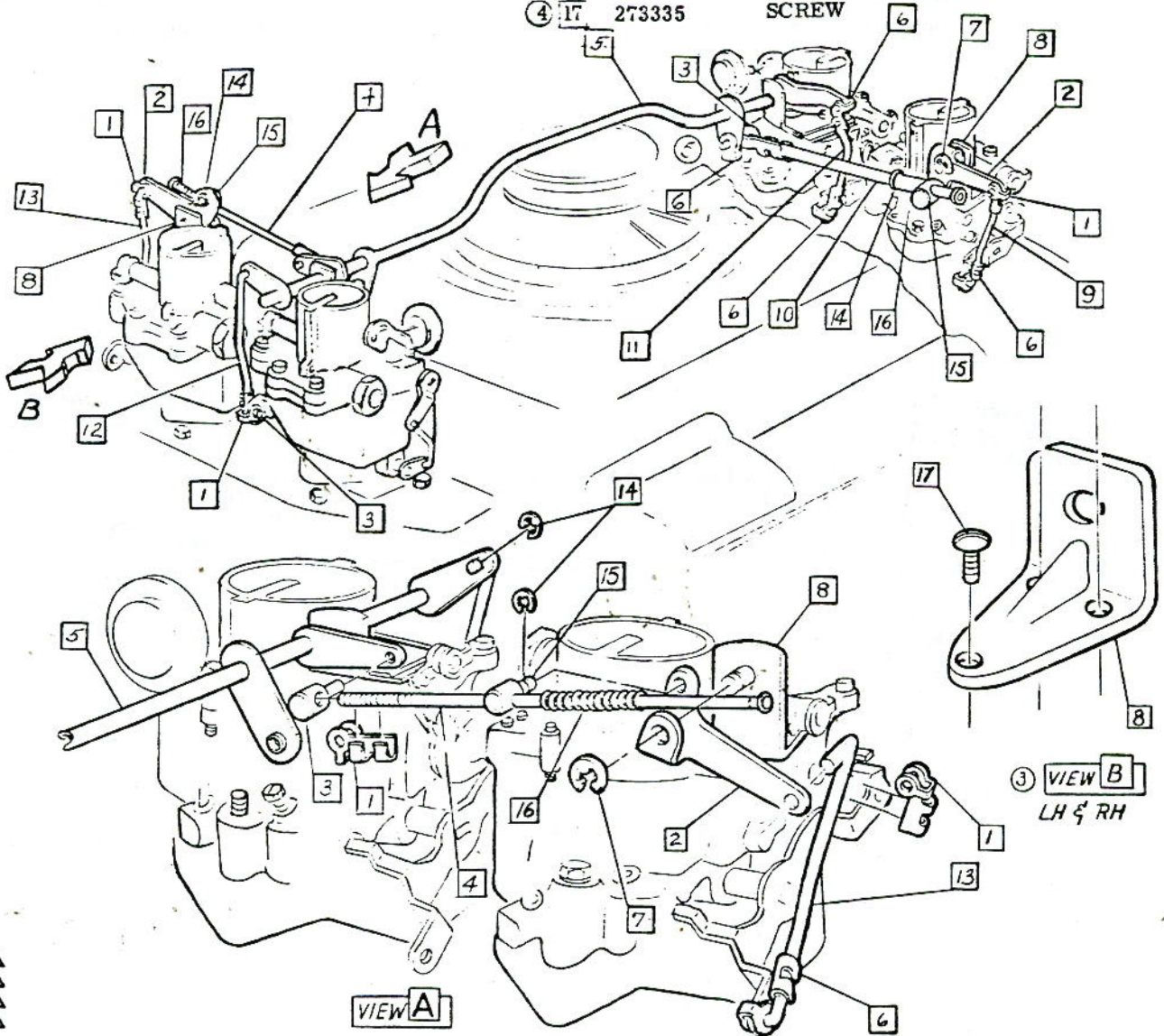
After mounting cross shaft asm. 1 & R. H. carburetor rod 8 grasp cross shaft accel. control lever lower end & push forward to insure R.H. carburetor throttle lever is against idle screw. Holding L. H. carburetor throttle lever against idle screw, adjust L. H. rod 4 by turning it into swivel 3 until it freely enters hole in lever on cross shaft asm. 1. Adjust rod 4, if required, so that L. & R. H. carb. throttle levers break away from the idle screw simultaneously. Then attach with clip 7. Manually operate linkage to check for freedom.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
CARBURETOR CROSS SHAFT LINKAGE & ADJUSTMENT		6	6-25-64	1	WAS 148194 RETAINER	64788	RC	CF
			8-12-64	2	WAS 148194 RETAINER			RC
10100-500		D4.						
DWG PREL 2-25	R.C. REF: Prel. D4 L-12693 L-		X SHEET					
DATE REL 2-25	L- L- L-							

- 1 554285 CLIP
- 2 3867209 LEVER
- 3 6255916 SWIVEL
- 4 3873991 ROD
- 5 3873988 SHAFT ASM.
- 6 2294788 CLIP
- 7 274574 RING
- 8 3867210 SUPPORT ASM.

- 9 3867212 ROD R. H.
- 10 3873992 ROD R. H.
- 11 3867206 ROD
- 12 3867205 ROD L. H.
- 13 3867211 ROD L. H.
- 14 274611 RING
- 15 3873993 SWIVEL
- 16 3873994 SPRING
- 17 273335 SCREW

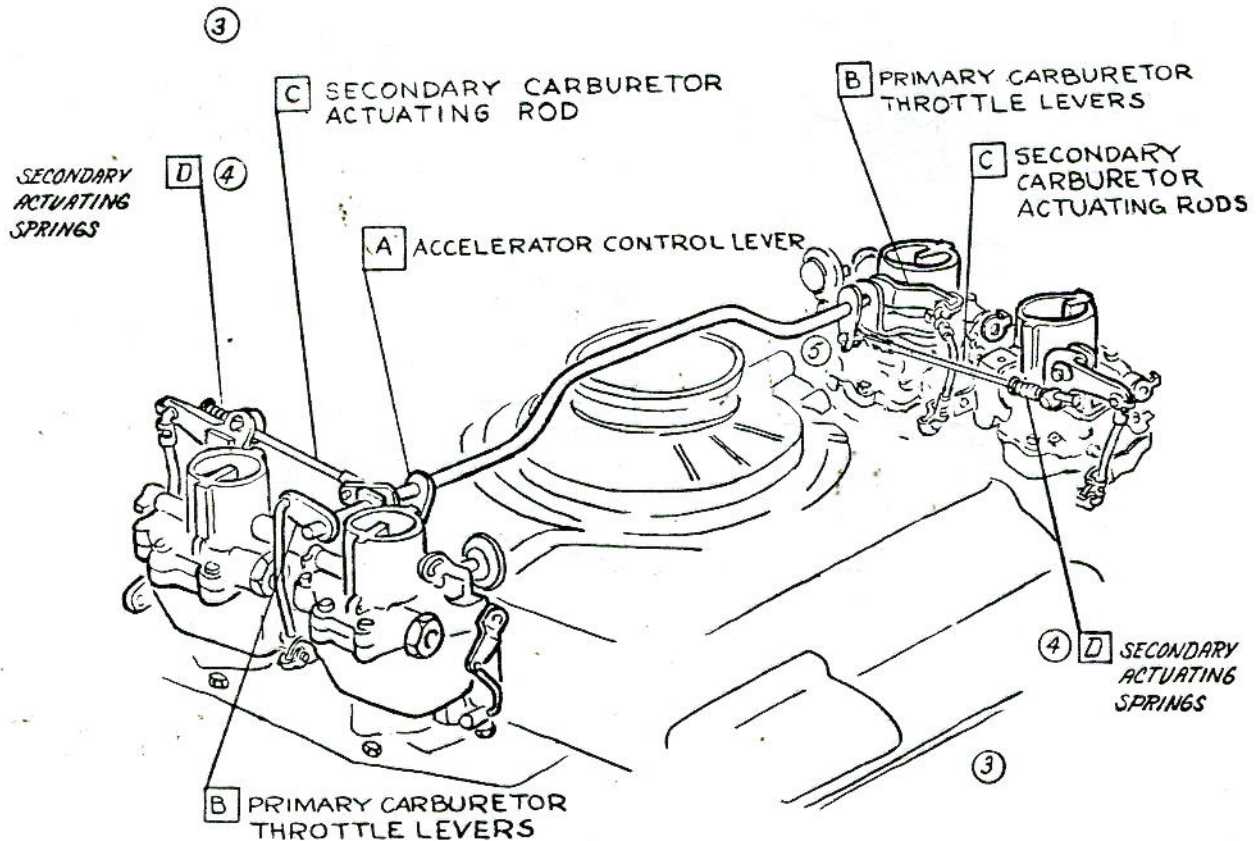


CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CARBURETOR LINKAGE		6	3-2-65	2	REDRAWN & REDESIGNED	67102	BR	CI
10700			3-2-65	3	VIEW B ADDED	15582	KM	CI
DWG PREL 3-5		D5.		4	ITEM 17 ADDED			CI
DATE REL 5-5				3-31-65	5	CLIP & SWIVEL DWG. REVISED		KM
REF: Prel. D 5 L-75715 L-75271		SHEET						
L-75634 L-								



② ① SECONDARY CARBURETOR ADJUSTMENT

WHEN PRIMARY CARBURETOR ADJUSTMENT IS COMPLETE, INSERT .060 SPACER BETWEEN ANY TWO COILS OF THE SECONDARY ACTUATING SPRING **D** WHILE HOLDING CROSS SHAFT CONTROL LEVER **A** AT LOWER END UNTIL PRIMARY CARBURETOR THROTTLE LEVERS **B** ARE AT WIDE OPEN THROTTLE STOPS, AND PRIMARY CHOKE BLADES ARE IN OFF POSITION. ADJUST EACH SECONDARY ACTUATING ROD **C** TO FULLY COMPRESS SECONDARY ACTUATING SPRINGS **D** TO SOLID HEIGHT. REMOVE SPACERS FROM SPRINGS.

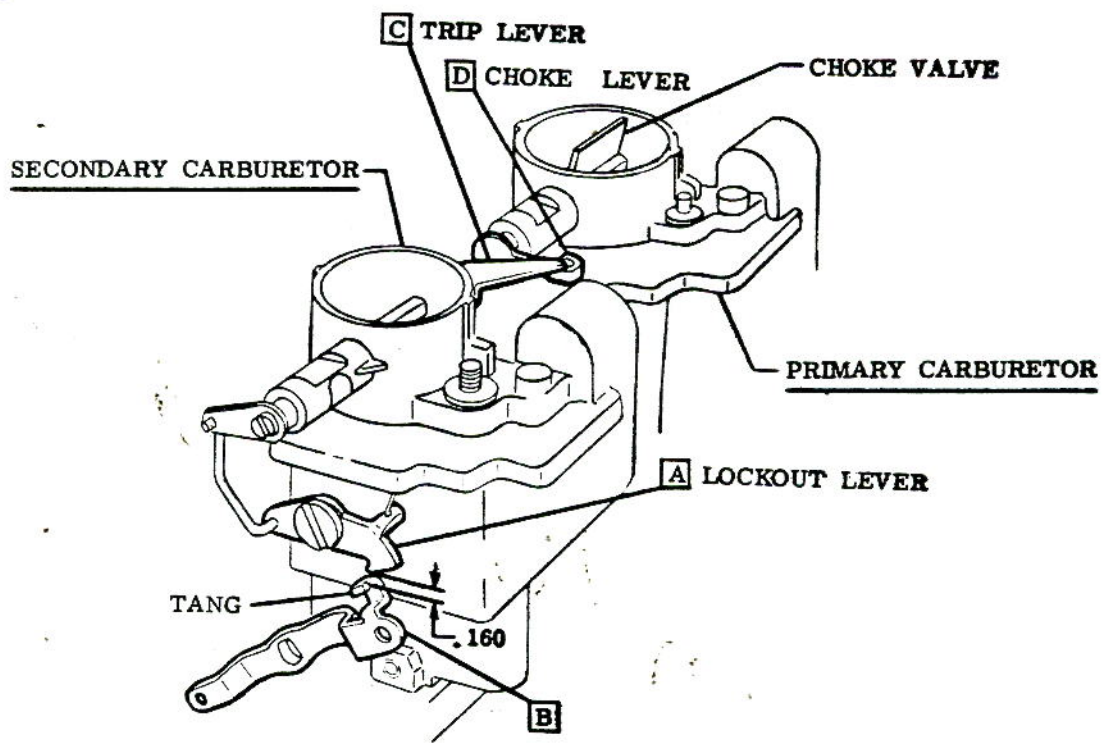


• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CARBURETOR LINKAGE ADJUSTMENT		6	1-22-65	1	CARB. ADJUSTMENT REVISED	67102	JC	CI
			3-31-65	2	CARB. ADJUSTMENT REVISED		KH	
10700		D6.		3	NOTE (E) RMVD. (2) PLACES			
				4	WAS SWIVEL (2) PLACES			
DWG PREL 5-18		REF: Prel. D 6. L-75671 L-		5	SWIVEL & CLIP DWG. REVISED			CI
DATE REL 5-18	R.C. L-76634 L-							
		<input checked="" type="checkbox"/> SHEET 1						



CARBURETOR ADJUSTMENT

WITH THE PRIMARY CHOKE VALVE IN THE FULL OPEN (VERTICAL) POSITION, AND WITH A .160 GAGE (ROUND OR FLAT) PLACED BETWEEN THE LOCKOUT LEVER **A** AND THE TANG **B** OF THE SECONDARY CARBURETOR THROTTLE LEVER, ADJUST SECONDARY CARBURETOR TRIP LEVER **C** TO JUST CONTACT PRIMARY CARBURETOR CHOKE LEVER **D**.



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTM	DR	CK
CARBURETOR ADJUSTMENT		6						
10700		D7.						
DWG	R.C.	REF. ECR7003B	L-76634	L-				
DATE RELS-12	C.I.	L-	L-	L-				
		SHEET	X					

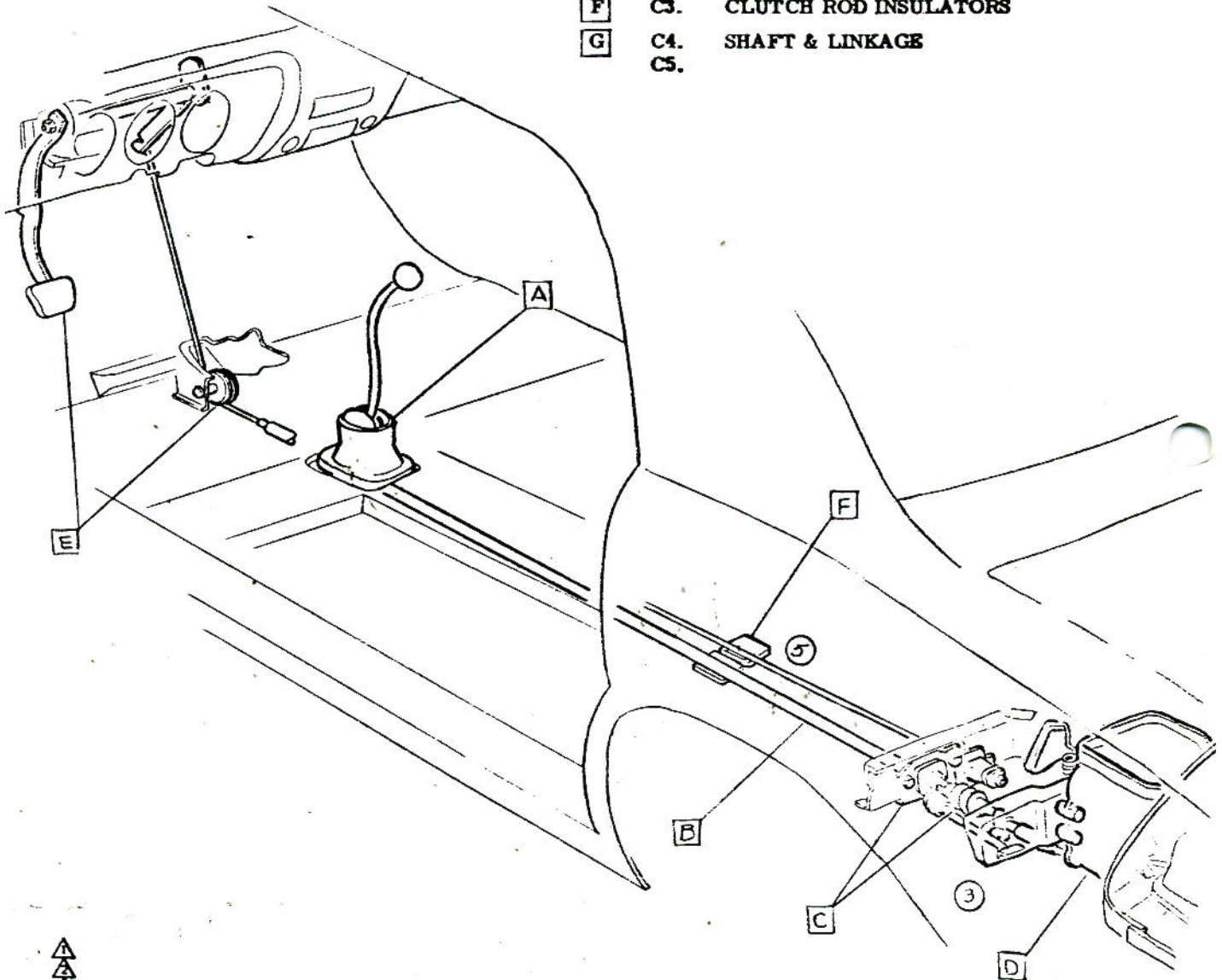
SECTION 7
TRANSMISSION

SHEET TITLE

SHEET TITLE

- B1. CONTENTS
- A** B2. TRANS GEAR SHIFT CONTROL -ADJUSTMENT
- 1** **B** B4. TUBE & BRACKET & ROD ASM

- 2** **C** B5. CONTROL ROD BOOTS
- 4** B5.5 CONTROL ROD LINKAGE ADJUSTMENT
- 5** B5.6
- D** B6. TRANS-AXLE ASSEMBLY
- C1. CLUTCH RELEASE BEARING
- E** C2. PEDAL & CABLE
- F** C3. CLUTCH ROD INSULATORS
- G** C4. SHAFT & LINKAGE
- C5.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TRANSMISSION-CONTENTS		7	5-26-68	1	WAS CONTROL ROD & LINKAGE	25056	RM	
10000				2	WAS CONTROL ROD INSULATORS			
DWG PREL 3-4		B1.		3	DWG. REVISED			DF
DATE REL 5-18	RFM REF: Prel. 31 L-71490 L-75978		8-27-68	4	SHEETS B5.5 & B5.6 ADDED	25056	RM	DF
			9-14-69	5	INSULATOR DRAWING REVISED			SB/DF
		<input checked="" type="checkbox"/> SHEET						



+

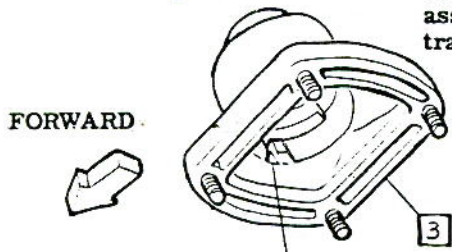
ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- 1 3788202 KNOB
- ① 2 3872873 HOUSING ASM
- 3 3872870 LEVER ASM-10100-500
- 4 3872871 -10700
- 5 3859286 SEAT
- 6 3851266 SPRING
- 7 3859288 BUSHING
- 8 3859287 CUP

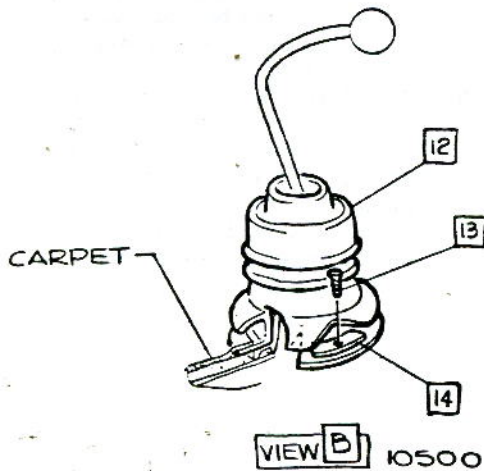
- 9 3887056 SEAT
- ① 10 9422293 NUT
- 11 3862494 BOOT-10500
- ② 13 9415952 SCREW-10500
- 14 3859631 RETAINER-10500

NOTE Remove pilot screw & replace with Item 2 after assembly of trans. lever to trans. rod asm.

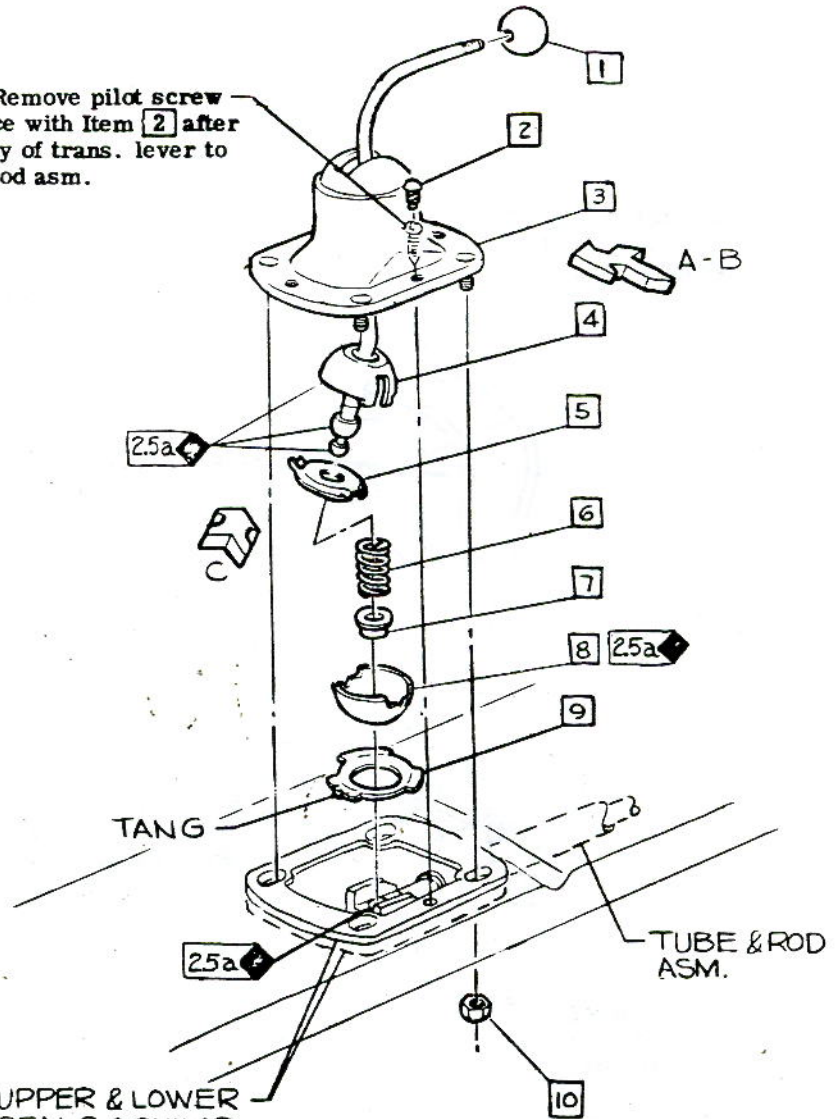


NOTE Install housing with relief toward front of vehicle-used to lock tang (part of seat).

VIEW A

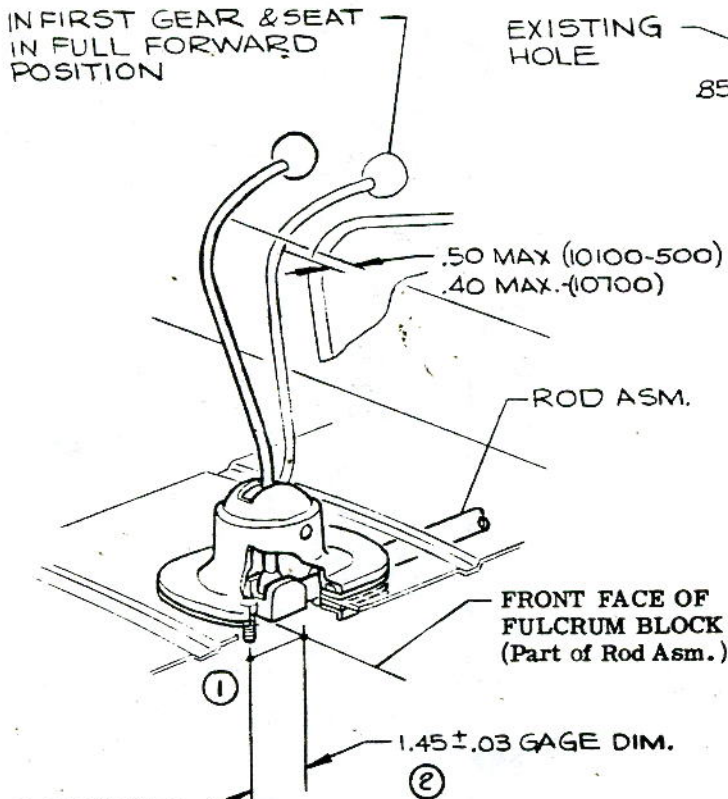
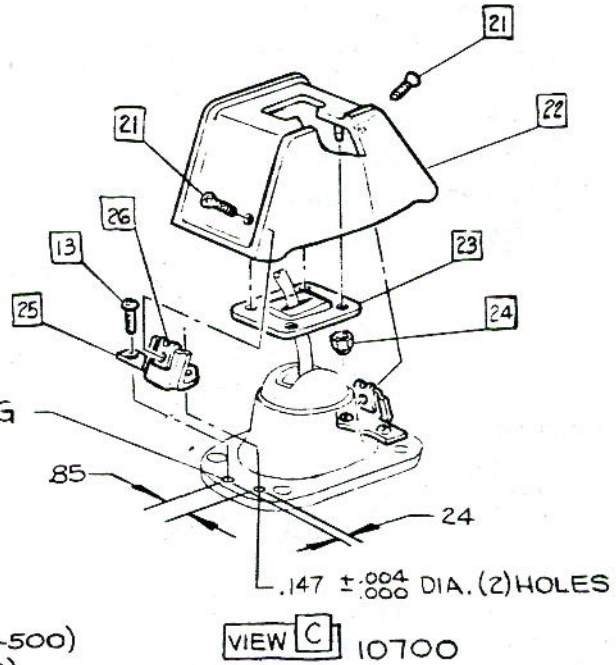


- ▲ 75-95 LBS. IN.
- ▲ 10-15 LBS. IN.
- ▲ _____
- ▲ _____



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TRANS. GEARSHIFT CONTROL		7	3-9-65	1	9422573 SCREW REMOVED	15982	KM	CI
10000		REF. B3.						
DWG PREL. 2-27		REF. B3.						
DATE REL 5-1		L-74529 L-71490						
		L-75978 L-						
		B2.						
		☑ SHEET						

- ③ ① 21 3843505 SCREW
- 22 3861871 COVER
- 23 3861872 SEAL ASM
- ④ ② 24 9419753 NUT
- 25 3861845 BRACKET
- 26 9422654 "J" NUT



Q. OF FRONT ATTACHING STUDS ON HOUSING

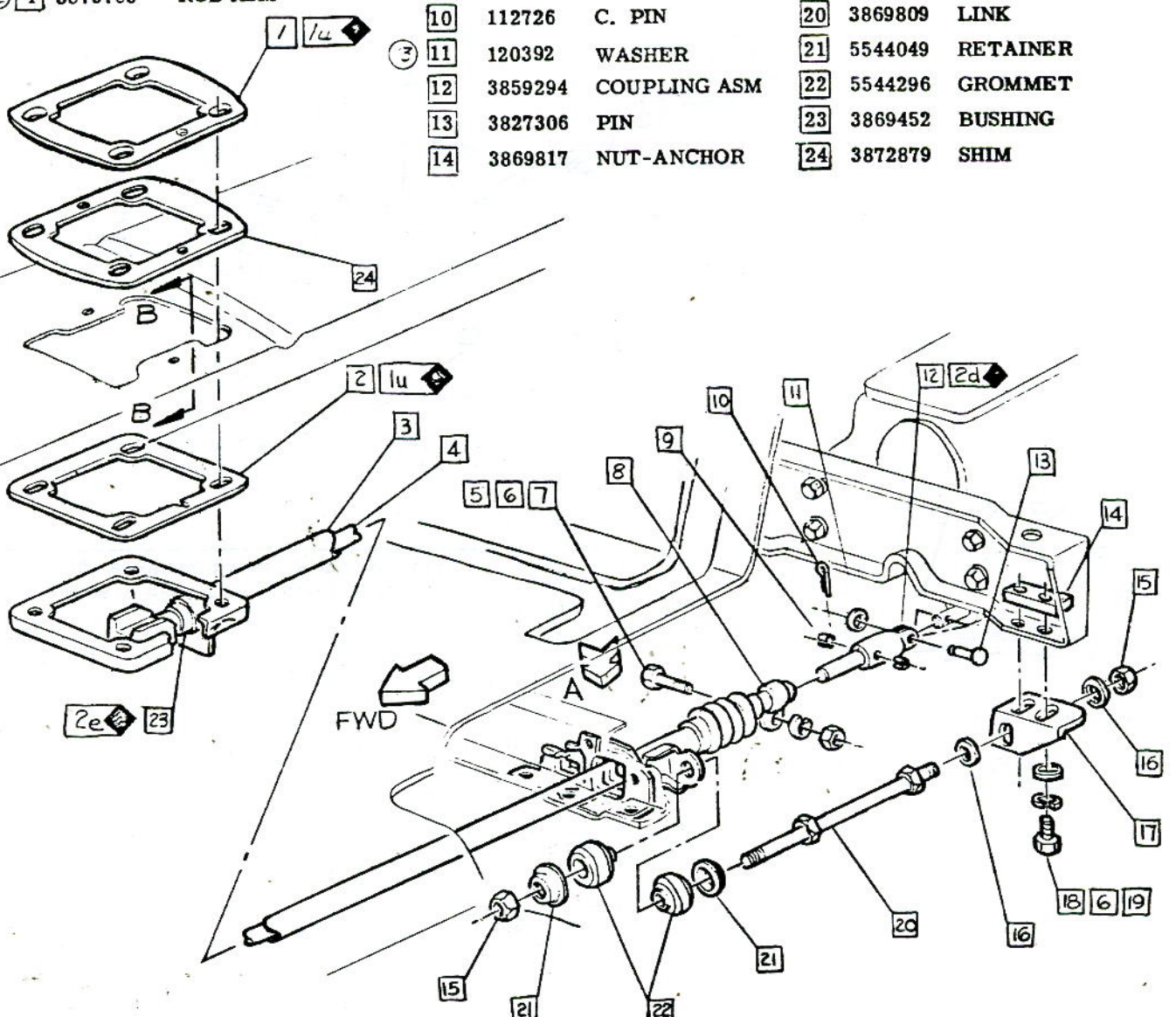
- ① _____
- ② _____
- ③ 15-20 LBS. IN.
- ④ 10-15 LBS. IN.

Gearshift Adjustment Procedure

1. Before making adjustment, lash in system must be taken up by movement of rod asm towards rear of vehicle.
2. With seat in full forward position, place transmission in "reverse" gear & clamp to retain setting throughout gearshift adjustment.
3. Adjust to nominal dimensions as shown & tighten clamp to secure coupling to rod asm.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TRANS. GEAR SHIFT CONTROL ADJUSTMENT		7	6-25-64	1	DWG. REVISED	CS	RM	DF
			7-27-64	2	1.13 ±.03 GAGE DIM. REMOVED	65678	RM	
				3	TORQUE ADDED			
			4-23-65	4	WAS .152 ±.004 DIA.	70773	RM	CI
10000		REF B2.						
DWG PREL 3-4 RFM		B3.						
DATE REL 5-8								
REF: Prel. B4 L-71490 L-73340		SHEET X						
L-75978 L-								

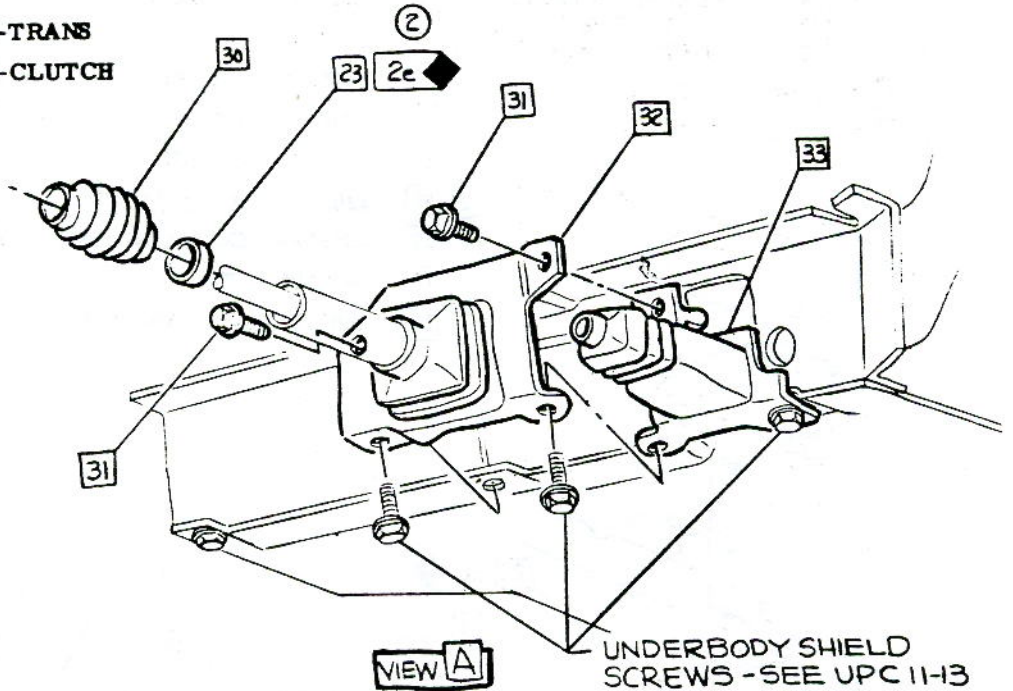
- | | | | | | | | | | |
|----|---------|------------------|---------|---------|-----------|--------------|---------|-----------|-----------|
| 1 | 3872876 | SEAL-UPPER | 5 | 179820 | BOLT | 4 | 15 | 3816622 | NUT |
| 2 | 3869499 | SEAL-LWR.(WHITE) | 6 | 103320 | L. WASHER | 16 | 120394 | P. WASHER | |
| | 3872877 | -OPT. (GREEN) | 7 | 102634 | NUT | 17 | 3869451 | BRACKET | |
| 6 | 3872878 | -OPT. (BLACK) | 8 | 3742920 | CLAMP | 3 | 18 | 443899 | BOLT |
| 3 | 3869804 | TUBE ASM | 9 | 3796886 | PIN | 10 | 19 | 3792420 | P. WASHER |
| 12 | 4 | 3879760 | ROD ASM | 10 | 112726 | C. PIN | 20 | 3869809 | LINK |
| | | | | 11 | 120392 | WASHER | 21 | 5544049 | RETAINER |
| | | | | 12 | 3859294 | COUPLING ASM | 22 | 5544296 | GROMMET |
| | | | | 13 | 3827306 | PIN | 23 | 3869452 | BUSHING |
| | | | | 14 | 3869817 | NUT-ANCHOR | 24 | 3872879 | SHIM |



- ▲ 12-16 LBS FT.
- ▲ 30-50 LBS IN.
- ▲ 14-22 LBS FT.
- ▲ 11-15 LBS FT.

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TRANS TUBE & BRACKET & ROD ASM		7	10-26-64	8	"BLACK" WAS GREEN	66069	RJ	
			11-10-64	9	WAS 9418148 P.WASHER	15924		DF
10000		REF. B5. B4.	11-27-64	10	WAS 446363 P.WASHER	15924	RM	DF
			1-15-65	11	WAS 120634 NUT			RM
DWG PREL 3-4	RFM	REF: Prel. B5	L-75895	L-7-490				
DATE DEL 3-26		L-	L-75978	L-				
		7	SHEET					

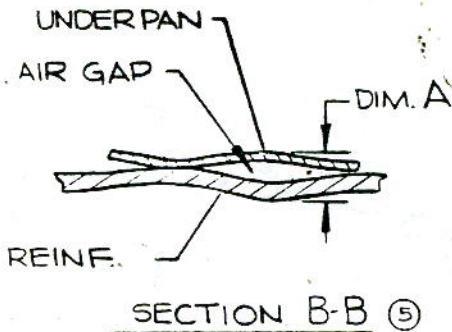
- 30 3869806 BOOT
- 5 31 9421803 SCREW
- 32 3869808 BOOT ASM-TRANS
- 4 33 3869807 BOOT ASM-CLUTCH



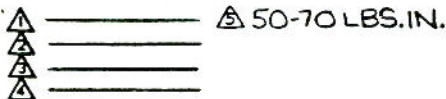
VIEW A

UNDERBODY SHIELD SCREWS - SEE UPC 11-13

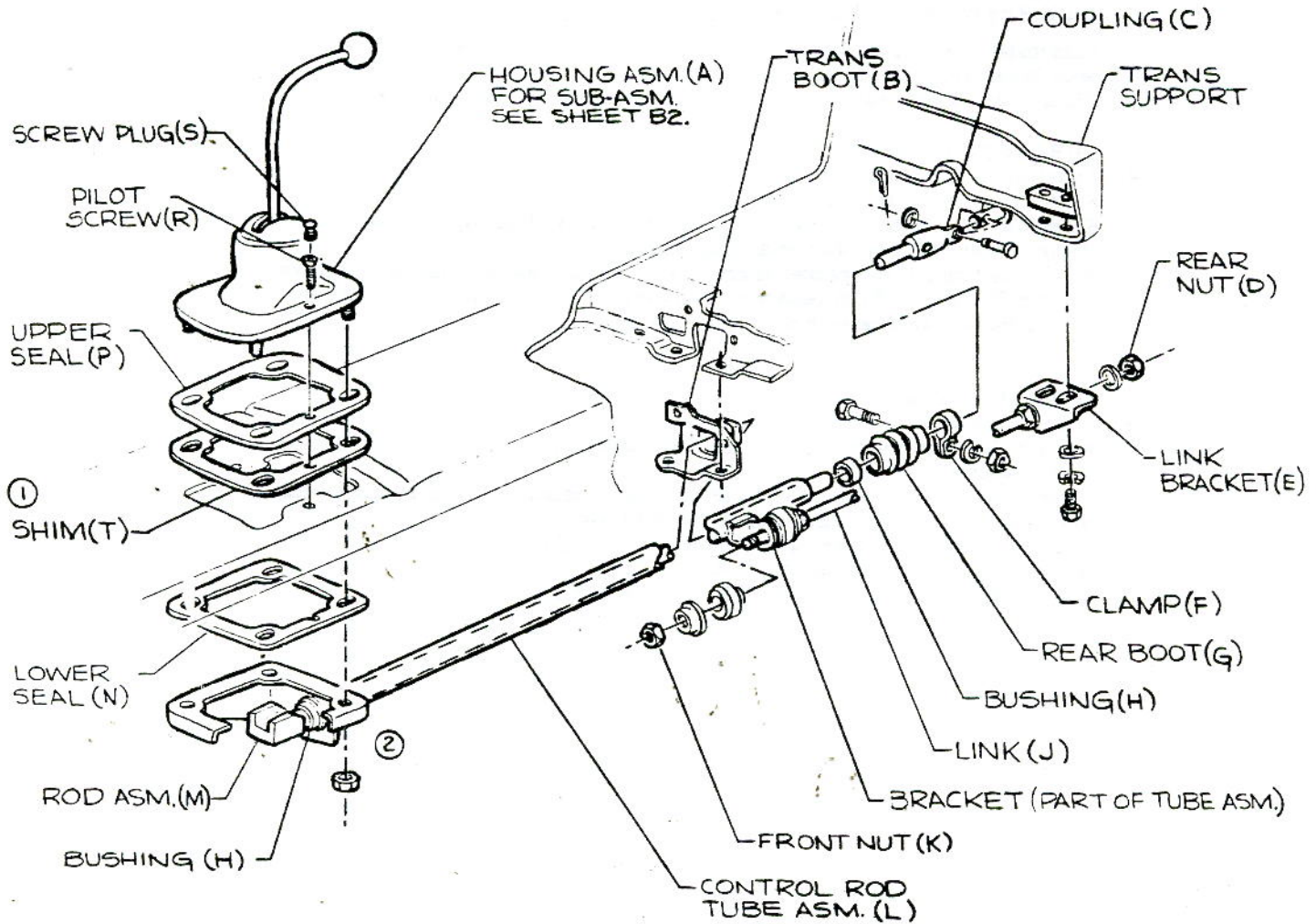
6



DIM A (MAX.)	For the body sandwich thickness shown, use the following lower seals & shims.			
	WHITE	GREEN	BLACK	SHIM
.090 - .104			1	2
.105 - .118			1	1
.119 - .133			1	
.134 - .147		1		
.148 - .161	1			3
.162 - .178	1			2
.179 - .193	1			1
.194 - .209	1			



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TRANS CONTROL ROD BOOTS				7	5-28-64	1	REDRAWN & REVISED	65056	FM	DF
					7-28-64	2	LUB "2e" ADDED	65056	PM	DF
					2-17-64	3	WAS 30-50 LBS. IN.	65056	RM	
						4	ITEM 33 ADDED			DF
					9-28-64	5	SECT. B-B ADDED	66069	RM	
						6	"THICKNESS" CHART ADDED			DF
					11-27-64	7	WAS 9427803 SCREW		RM	DF
10000				REF. B4.						
DWG PREL 3-4 RFM REF: Prel. 86 L-71490 L-75978				B5.						
DATE REL 5-1				SHEET 1						



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TRANS CONTROL ROD LINKAGE INSTALLATION				7	9-22-66	1	"SHIM(T)" ADDED	b6069	RM	
							2	P.WASHER REMOVED		DF
10000				B5.5						
DWG DATE REL	RFM	REF: ECR 65056 L-75978 L-								
8-27	DF	L- L- L-		<input checked="" type="checkbox"/> SHEET						



SUGGESTED TRANS. CONTROL LINKAGE INSTALLATION

- ① 1. Lubricate upper surface of Upper Seal (P). Assemble Shim (T) on projections of Upper Seal & install with projections down. [NOTE] For correct lower seal & quantity of shims to be used. See Thickness Chart-sheet B5.
- 2. Lubricate & assemble shift lever, spring seat, spring, bushing, cup & secure with lower seat into Housing Sub-asm. (A).
- 3. Place Housing Sub-asm over Upper Seal & secure with Pilot Screw (R).

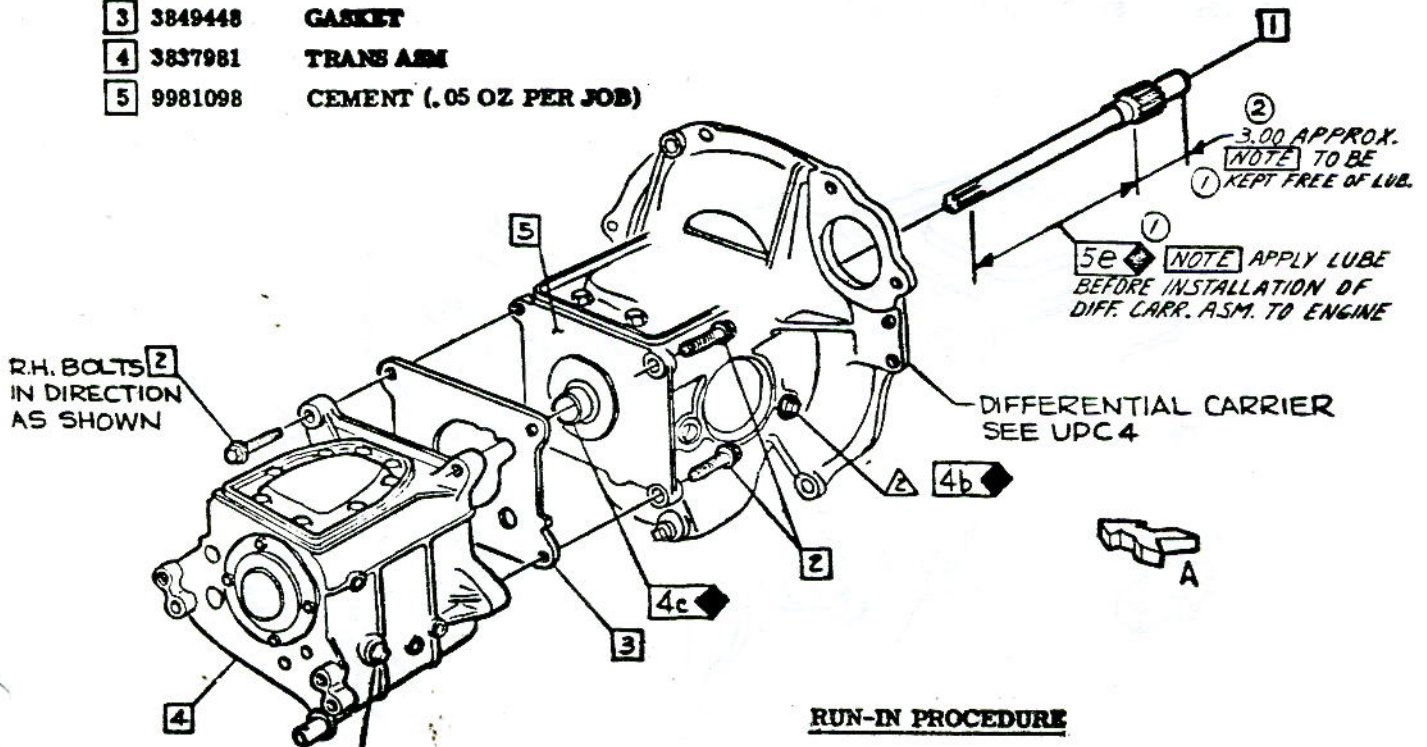
SUB-ASSEMBLY OF CONTROL ROD TUBE

- 4. Lubricate & assemble Bushings (H) in Control Rod Tube Asm. (L).
- 5. Slide Trans. Boot (B) on Tube Asm.
- 6. Slide Rod Asm.(M) into Tube Asm. Position Rear Boot (G) & loosely attach clamp (F) on Rod Asm.with attaching parts.
- 7. Assemble Link (J) to bracket (Part of Tube Asm.) with bushings & retainers. Tighten Front Nut (K) to recommended torque. Slide Link Bracket (E) on Link & loosely secure with with Rear Nut (D).
- 8. Install above Tube Sub-asm.in tunnel and couple to trans.
- 9. Lubricate bottom surface of Lower Seal (N) & place with curved flanges up & notch of left side between Tube Asm. & underbody. Secure Housing Sub-asm. with attaching locknut.
- ② 10. Shove Link Bracket against shoulder of Link & attach to trans support with attaching parts. Then tighten Rear Nut on Link.
- 11. Remove Pilot Screw & replace with Screw Plug (S).
- 12. Move Rod Asm.to gage dim.(See sheet B3.).Slide Coupling (C) on Rod Asm. until transmission is in "REVERSE". Tighten Clamp.



CHEVROLET MOTOR DIVISION, GMC			UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TRANS CONTROL ROD LINKAGE INSTALLATION			7	9-28-64	1	STEP 1 REVISED	66069	RM	
					2	LOCKNUT WAS WASHER & NUT			DF
10000			B5.6						
DWG	RFM	REF: ECR 65056L-75978 L-							
DATE REL. 8-27	DF	L- L- L-	SHEET						

- 1** 3840789 **SHAFT-INPUT**
- 2** 3782692 **BOLT**
- 3** 3849448 **GASKET**
- 4** 3837981 **TRANS ARM**
- 5** 9981098 **CEMENT (.05 OZ PER JOB)**



RUN-IN PROCEDURE

BENCH FIXTURE After transmission (3 & 4 speed) & differential carrier are mated and filled with lube, motor trans-axle assembly on a bench fixture using the input shaft as a drive as follows:

- 0-3000 RPM in 30 seconds
- 3000 RPM for 30 seconds
- For a total run of 60 seconds

OPTIONAL METHOD After transmission (3 & 4 speed) & differential carrier are mated, filled with lube & installed in vehicle, run-in trans-axle assembly using vehicle engine as follows:

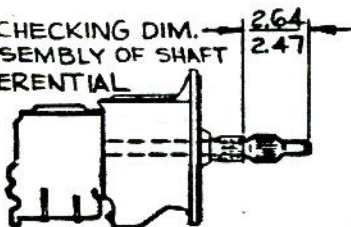
- 0-55 MPH (speed reading) in 30 seconds
- Shifting through the gears.
- 55 MPH for 30 seconds
- For a total run of 60 seconds

The following **CAUTIONS** must be observed if optional method is used.

1. A minimum of vehicle driving before run-in. (5 to 10 ft. max.)
2. Shift slowly through gears to attain 55 MPH.
3. Rear wheels must clear floor & axles must be in normal driving position.

NOTE FILL UNTIL FLUSH TO .12 BELOW BOTTOM OF FILL HOLE

NOTE CHECKING DIM. FOR ASSEMBLY OF SHAFT TO DIFFERENTIAL



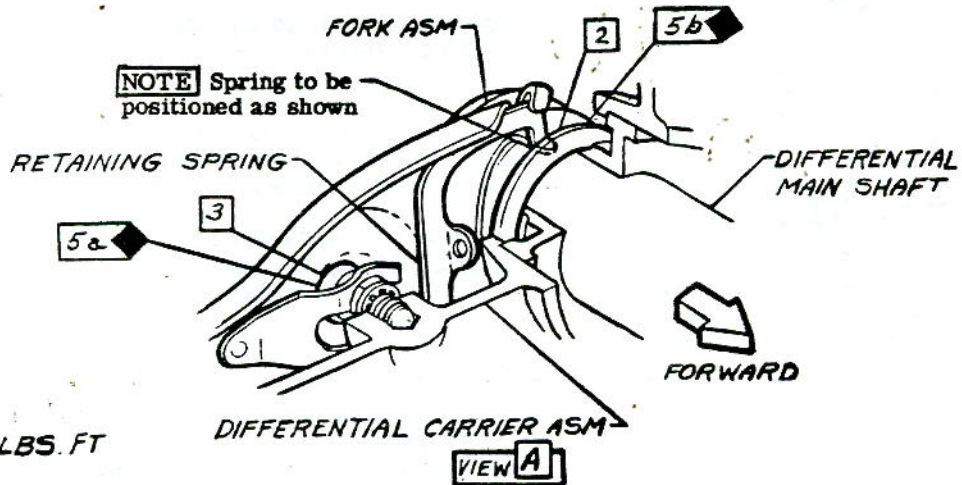
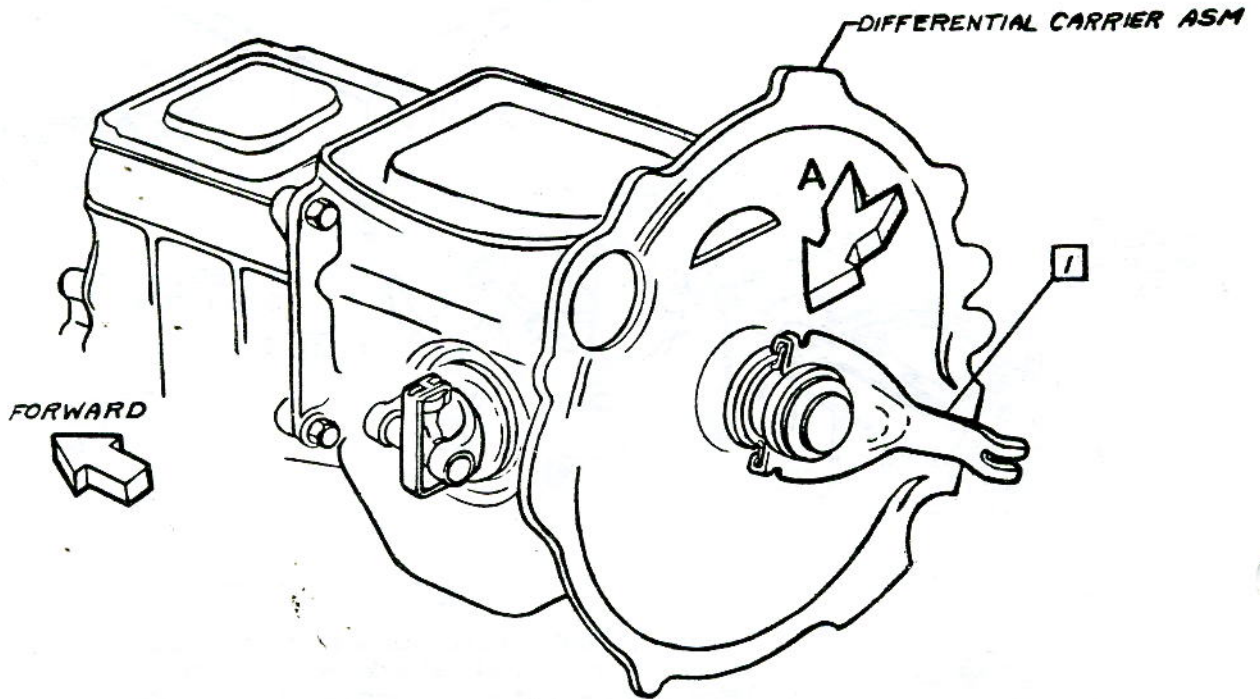
VIEW A

- ▲** 35-50 LBS FT
- ▲** 24-32 LBS FT
- ▲** 12-16 LBS FT

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TRANS-AXLE ASSEMBLY		7	9-23-65	1	LUBE NOTE ADDED (2) PLACES	70036	LS	
10000		B6.		2	WAS 7.00			CT
DWG PREL. 2-27	REF. PREL. B2	L-71468	L-64295					
DATE REL. 2-27								
		<input checked="" type="checkbox"/> SHEET						



- 1 3829808 FORK ASM. -CLUTCH
- 2 907538 BEARING ASM. RELEASE
- 3 3850229 STUD-CLUTCH FORK BALL



▲ 30-40 LBS. FT
 ▲
 ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
CLUTCH RELEASE BEARING		7						
10000		C1.						
DWG PREL 226-61	SB REF: Prel. C1 L-71402 L-							
DATE REL 226-61	L- L- L-	SHEET						

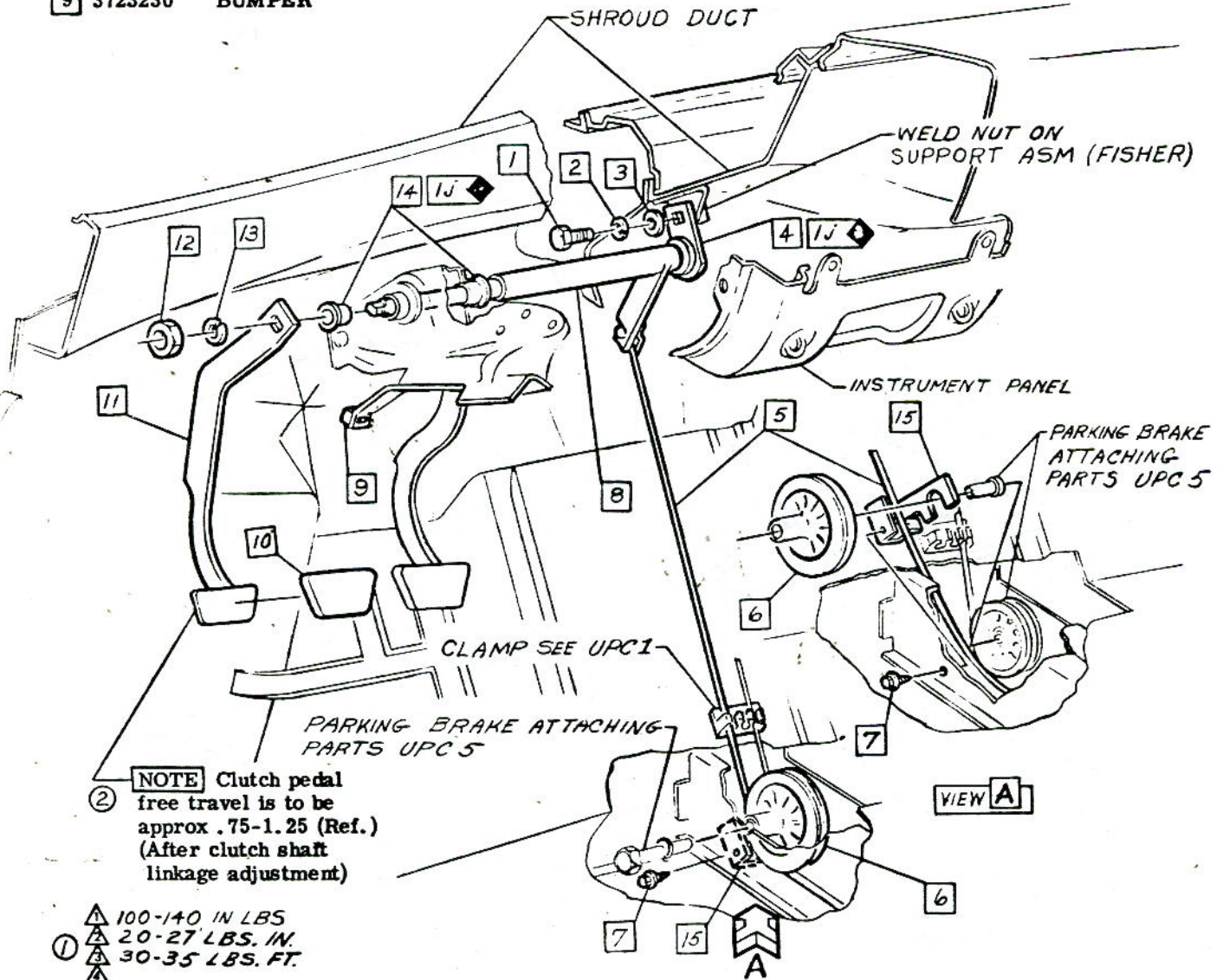


3862100

CORVAIR 10000 SERIES

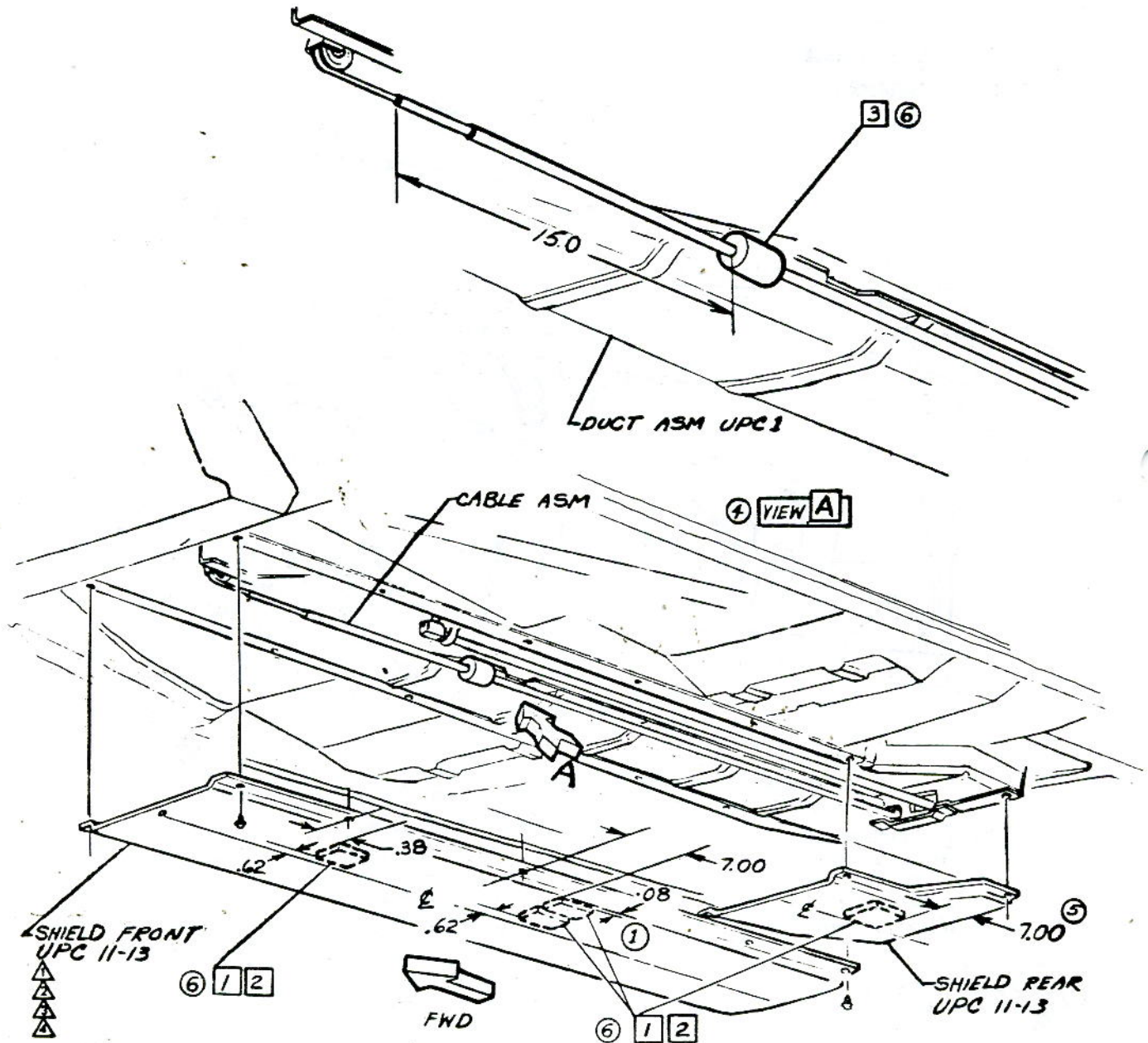
- ① 1 100121 BOLT
- 2 103320 L. WASHER
- 3 3728666 SPL WASHER
- 4 3859478 BEARING ASM
- 5 3859479 CABLE ASM
- 6 3859480 PULLEY
- ② 7 9419699 SCREW
- 8 3859474 SHAFT ASM
- 9 3723230 BUMPER

- 10 6256368 COVER PEDAL
- 11 3859471 PEDAL ASM
- ③ 12 114496 NUT
- 13 103329 L. WASHER
- 14 3798256 BUSHING
- 15 3866574 RETAINER



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CLUTCH PEDAL & CABLE		7	7-8-64	1	TORQUE 293 REVERSED	64798	SB	DP
10000			10-26-64	2	PEDAL NOTE ADDED	66547	SB	DF
DWG PREL 227-69 SB REF: Prel. C2 L- 71402 L-		C2.						
DATE REL 5-12-69 L- L- L-			✓ SHEET					

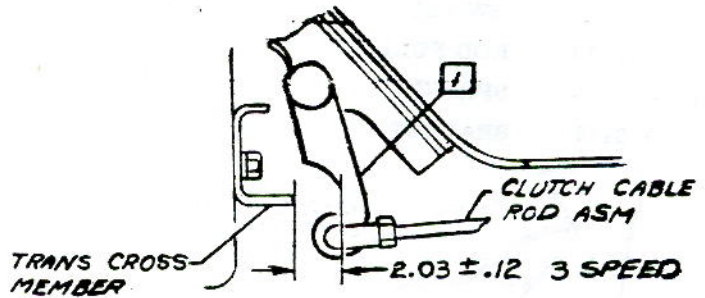
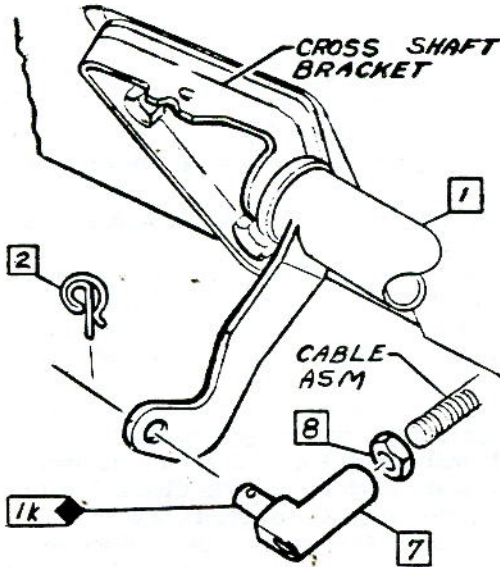
- ① 3862400 INSULATOR
- ② 9981098 CEMENT .07 OZ.
- ③ 3871592 INSULATOR



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
CLUTCH ROD INSULATORS		7	9-14-64	1	ITEM 1 & DIM ADDED	66483	SB		
				2	WAS .06 OZ			DF	
			10-23-64	3	ITEM 3 ADDED	15912	SB		
				4	VIEW A REVISED				
				5	WAS 2.38 DIMENSION			DF	
			2-11-65	6	LUBE SYM. REMOVED (3) PLACES	15961	MB		CI
10000		C3.							
DWG PRELS-11-4-SB REF: Prel. C.5 L-71982 L-		SHEET IX							
DATE REL 5-19-64 L- L-									

- 1 3870177 SHAFT ASM
- 2 3749084 CLIP SPECIAL
- 3 3764588 SWIVEL
- 4 3870139 ROD PULL
- 5 3870179 SPRING
- 6 3870149 BRACKET

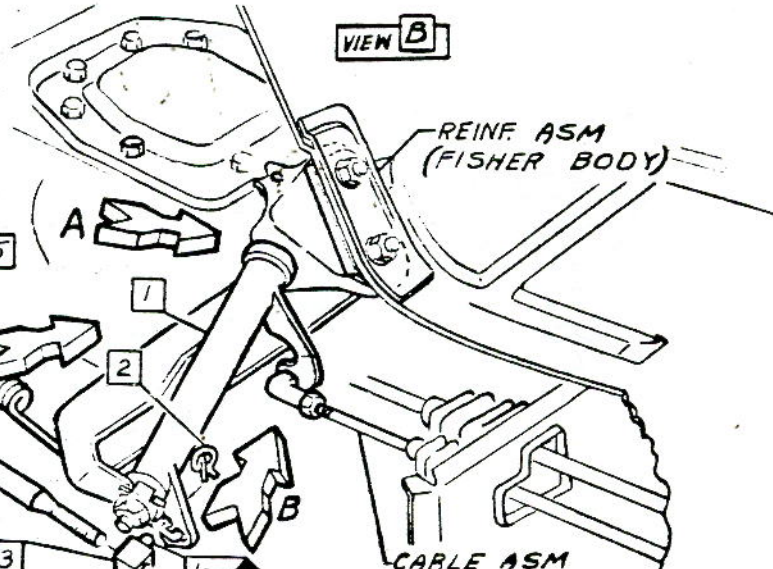
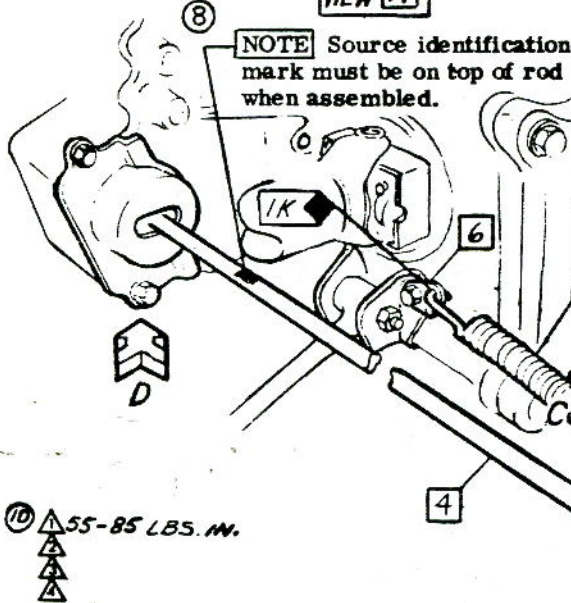
- 7 3870176 SWIVEL
- 8 9419912 NUT



CLUTCH ADJUSTMENT PROCEDURE

- 1) Drive Nut [8] to within "1/8" of end of threads on Clutch Cable Rod asm.
- 2) Install tool to tension Clutch Cable Rod Asm to 15 lbs and thread Swivel [7] to line up with hole in Shaft Asm [1] inboard Lever with Lever located to dimension shown from the Trans Cross Member. Assemble swivel [7] to lever with Clip [2].
- 3) Torque Nut [8] to Swivel [7] using indicated torque.
- 4) Install Spring [5] to Bracket [6] & to Shaft [1].
- 5) Manually pull Clutch Pull Rod [4] forward until slack is taken up at Clutch fork. With Clutch Pull Rod [4] in this position align Swivel [3] with hole in outboard to Shaft Asm Lever. Back off Swivel [3], 2 turns and assemble to lever with Clip [2].
- 6) Remove tension tool.

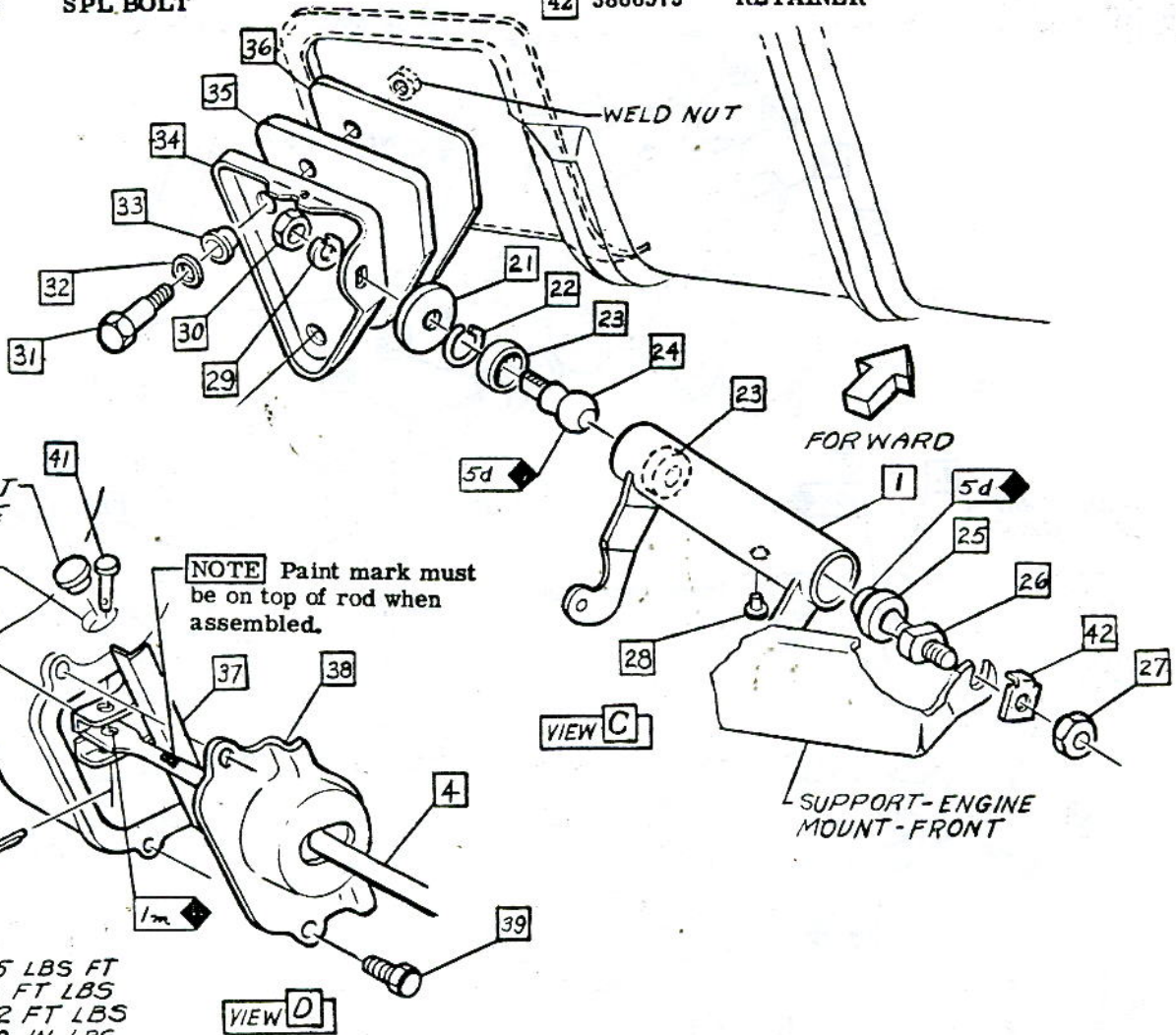
VIEW A



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CLUTCH SHAFT & LINKAGE		7	3-14-64	B	IDENTIFICATION NOTE ADDED	LS868	SB/D	
			3-4-65	9	ADJ PROCEDURE, STEP 5, REVISED	63473	KM/L	
			5-4-65	10	TORQUE (1) WAS 8-12 LBS. FT.	70791	LS/CI	
10000		REF. C5						
C4.		X SHEET						
DWG PREP 2274	SB	REF: Prod. C3	L-71402	L-76230				
DATE REL 4-1-64		L-	L-	L-				

- 21 3743360 SEAL
- 22 3750696 SPRING
- 23 3743349 SEAT
- 24 3736530 STUD
- 25 1354671 SPL WASHER
- 26 3859488 STUD
- ① 27 102637 NUT
- 28 3828498 SPL PLUG
- ① 29 103321 L. WASHER
- ② 30 9419815 NUT
- ③ 31 3785824 SPL BOLT

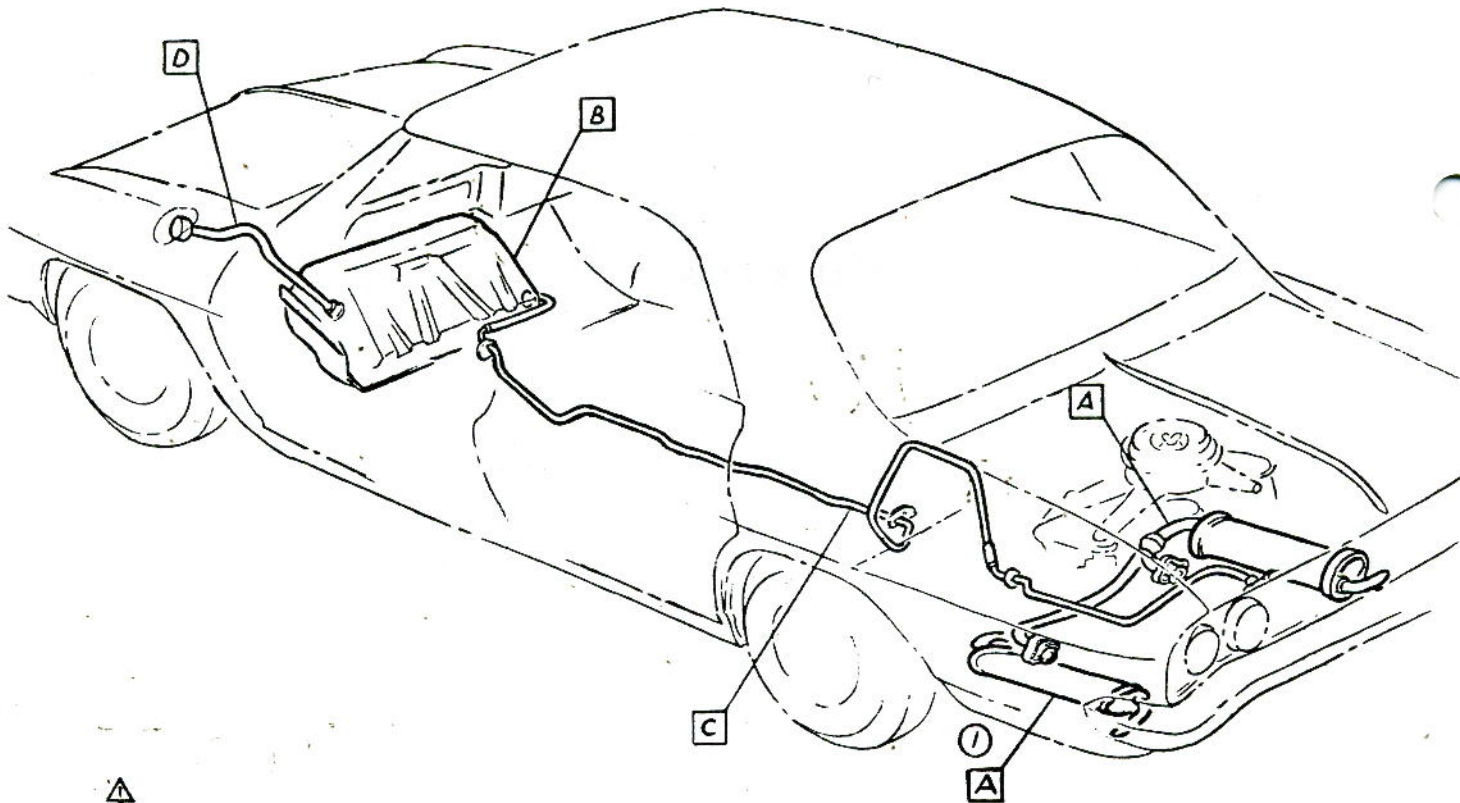
- 32 3710593 SPL WASHER
- 33 3785826 SPL GROMMET
- 34 3859489 BRACKET
- 35 3859490 INSULATOR
- 36 3859491 REINFORCEMENT
- 37 3859868 SEAL
- 38 3859494 SHIELD
- ④ 39 120706 BOLT
- ⑤ 40 103373 C. PIN
- 41 3738054 CLEVIS PIN
- 42 3866575 RETAINER



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
CLUTCH LINKAGE		7	7-16-64	1	WAS 120382 L. WASHER	6292058		
				2	WAS 124925 NUT			
10000		REF. 4.						
DWG PREL 2-29-64		C5.						
DATE REF 5-11-64			SHEET					
REF: Prel. C 4 L- 71402L-								
L- L- L-								

SECTION 8
FUEL & EXHAUST

SHEET	TITLE	SHEET	TITLE
A1.	CONTENTS	C	B2. FUEL LINE
A A2.	EXHAUST-MANIFOLD & BRACKET ATTACHMENT	B3.	
A3.	" " 10700	D B4.	GAS TANK & METER
B B1.	GAS TANK STRAPS & FILLER NECK		



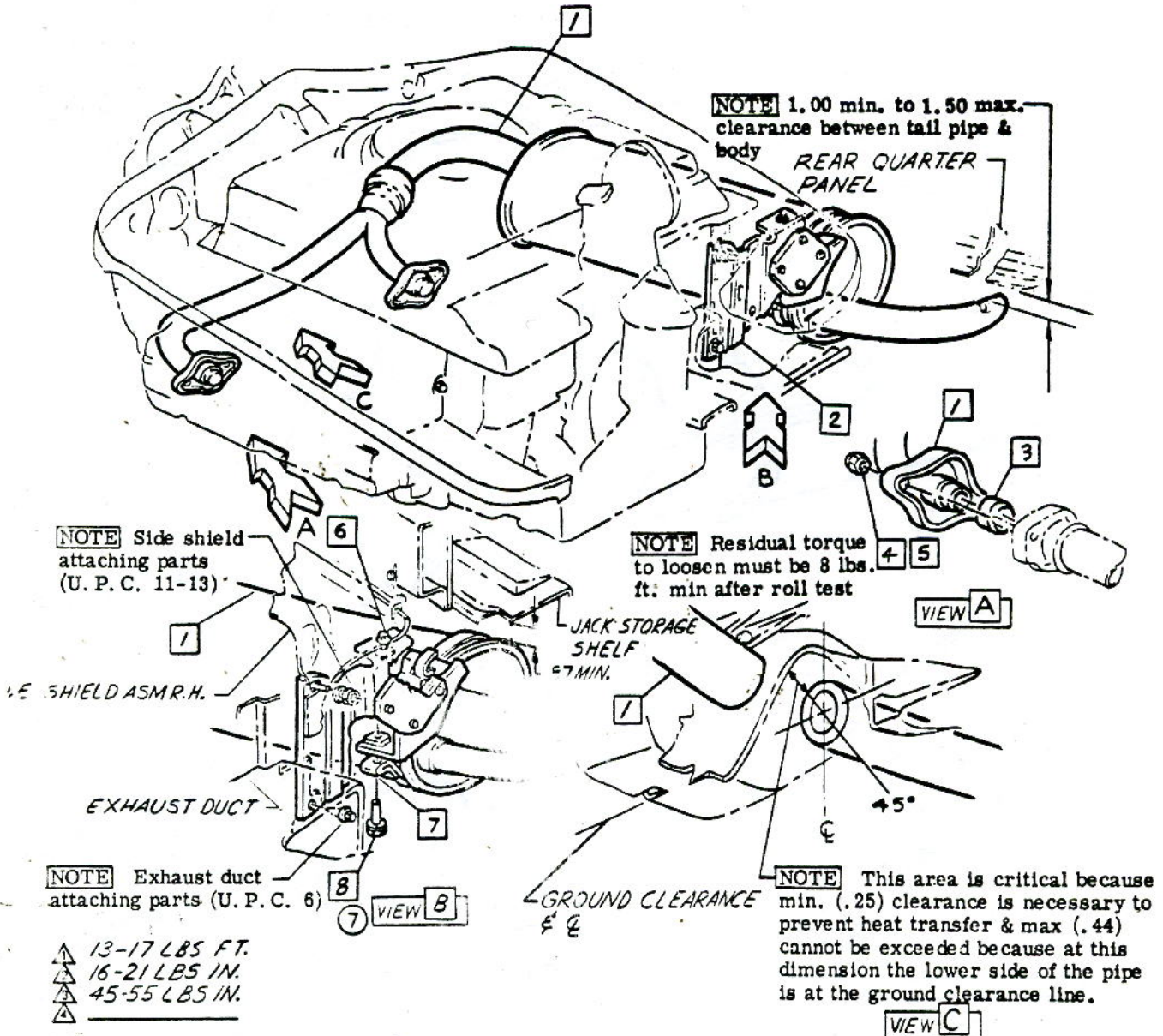
• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FUEL & EXHAUST SYSTEM - CONTENTS				8	2/24/64	1	DRAWING REVISED	65167	JP	GF
10000				A1.						
DWG PREL 3-9	JP	REF: Prel. A1	L-							
DATE REL 4-27		L-	L-							
				<input checked="" type="checkbox"/> SHEET						



- 1 3858156 MUFFLER & EXHAUST PIPE ASM 10100-500
- 3869829-30 10700 L.H. & R.H.
- 2 3884818 BRACKET ASM R.H. 10700 L.H.
- 3 6255845 PACKING 10100-500 10700 3866590
- 4 3829086 NUT

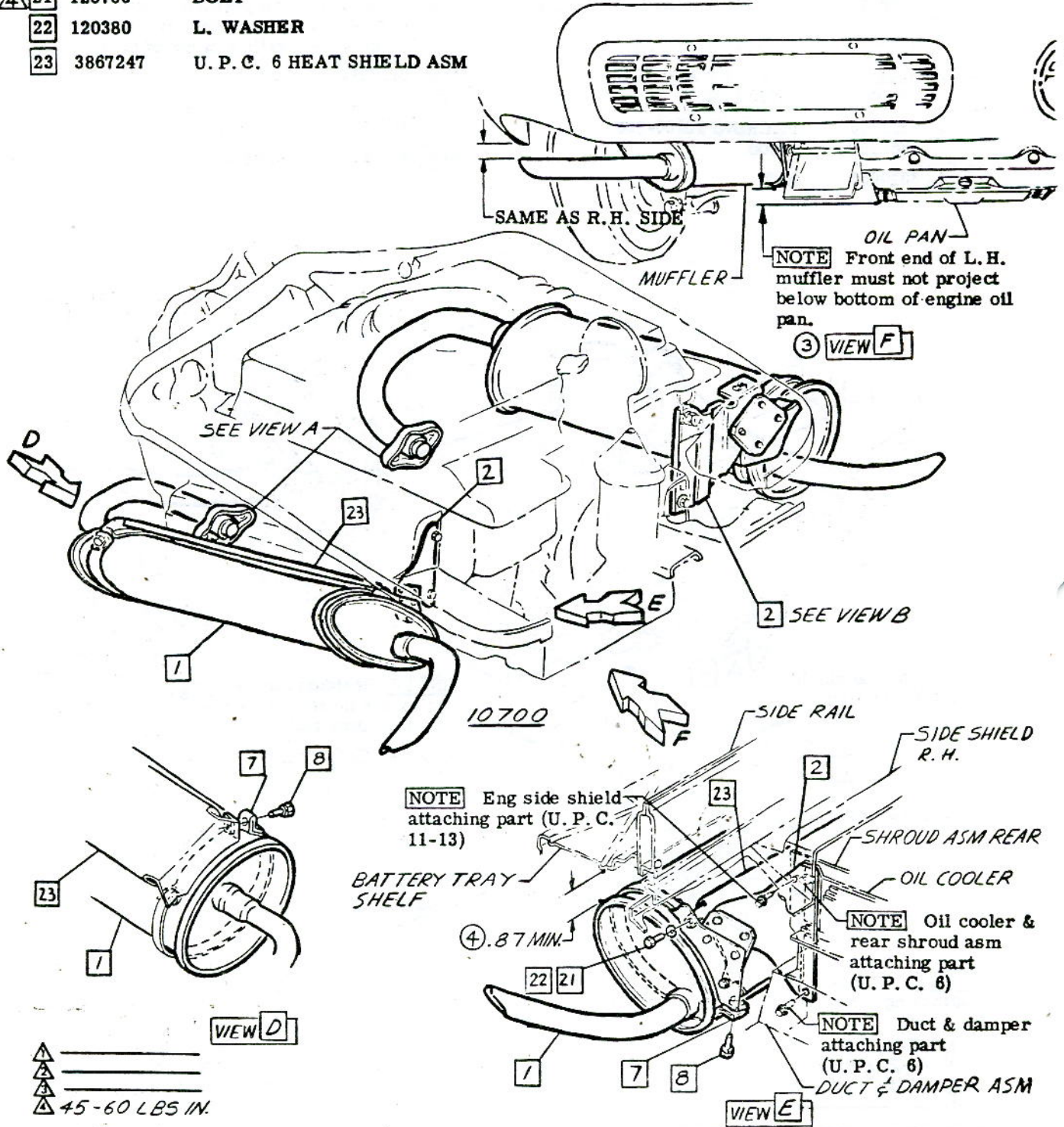
5 Do not drive into position at over 250 R. P. M. (free) to prevent excess heat build-up & consequent galling of nut of stud.

- 6 9417881 SCREW
- 7 3821542 STRAP R.H. 3869841 10700 L.H.
- 8 3859237 SCREW



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
EXHAUST-MANIFOLD & BRACKET ATTACHMENT		8	11-25-64	7	VIEW C REVISED DIM. HIDDEN	6-1-67	JP	HA
10000		Ref A3.	5-11-65	5	3874259 11-30-67 253			KM CI
PREL. 1-16 J.P. REF: Prel. A 2 L-73078 L-75770		A2.	4-23-65	3	3854918 11-1-67 3873600	70220		KM CI
REL 5-14		SHEET 1						

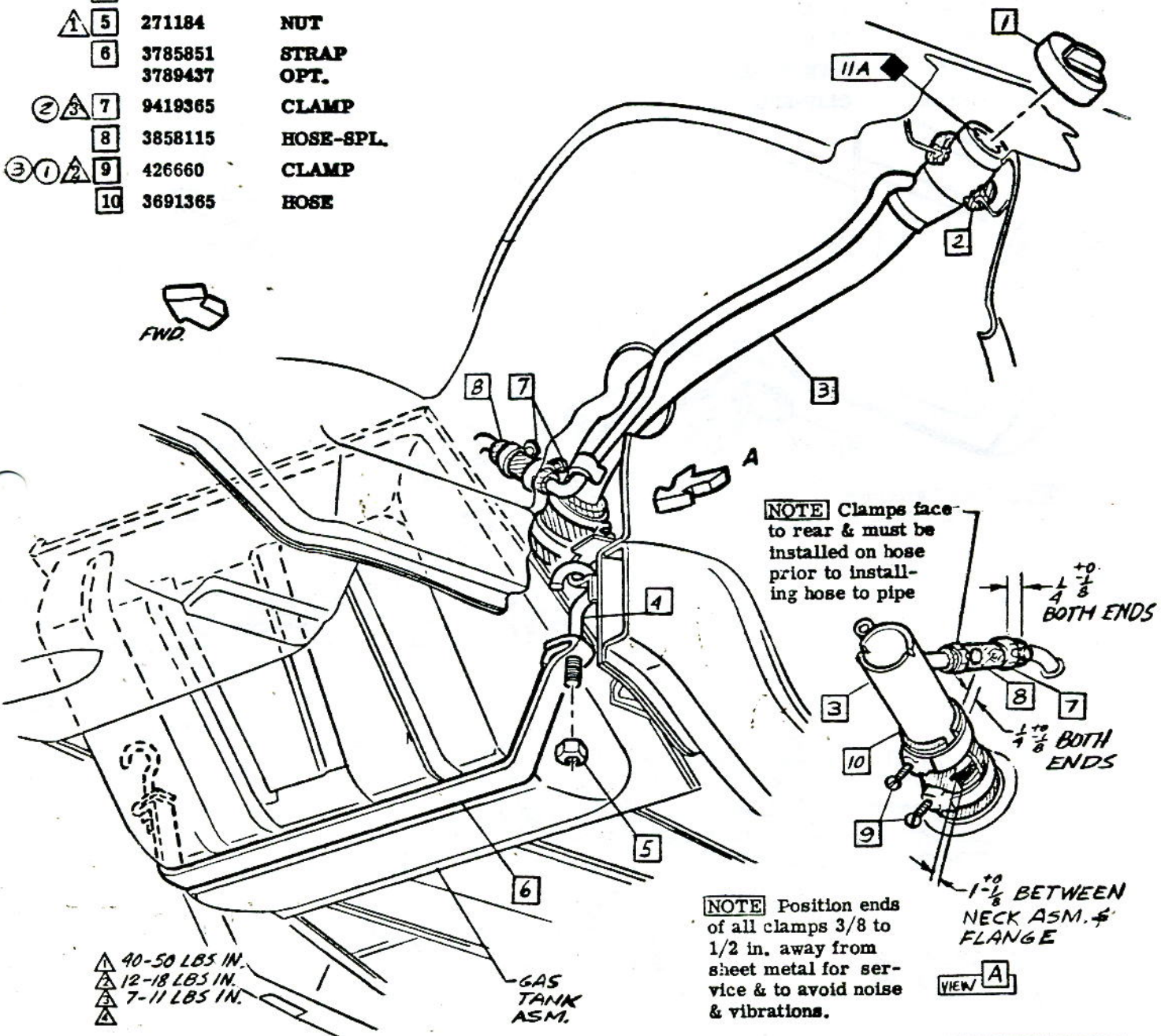
- ② **A** 21 120706 BOLT
- 22 120380 L. WASHER
- 23 3867247 U. P. C. 6 HEAT SHIELD ASM



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
EXHAUST-MANIFOLD & BRACKET ATTACHMENT				8	8-4-64	1	REDRAWN & REVISED	65167	JP	
						2	TORQUE WAS 16-21 LBS IN.			DF
					10-28-64	3	VIEW "F" ADDED	66547	JP	
						4	DIM. ADDED			
10000				Ref A2.						
DWG. PREL. 1-30 JP REF: Prel. A3 L-76396 L-				A3.						
DATE REL. 4-24 L- L- L-					SHEET					



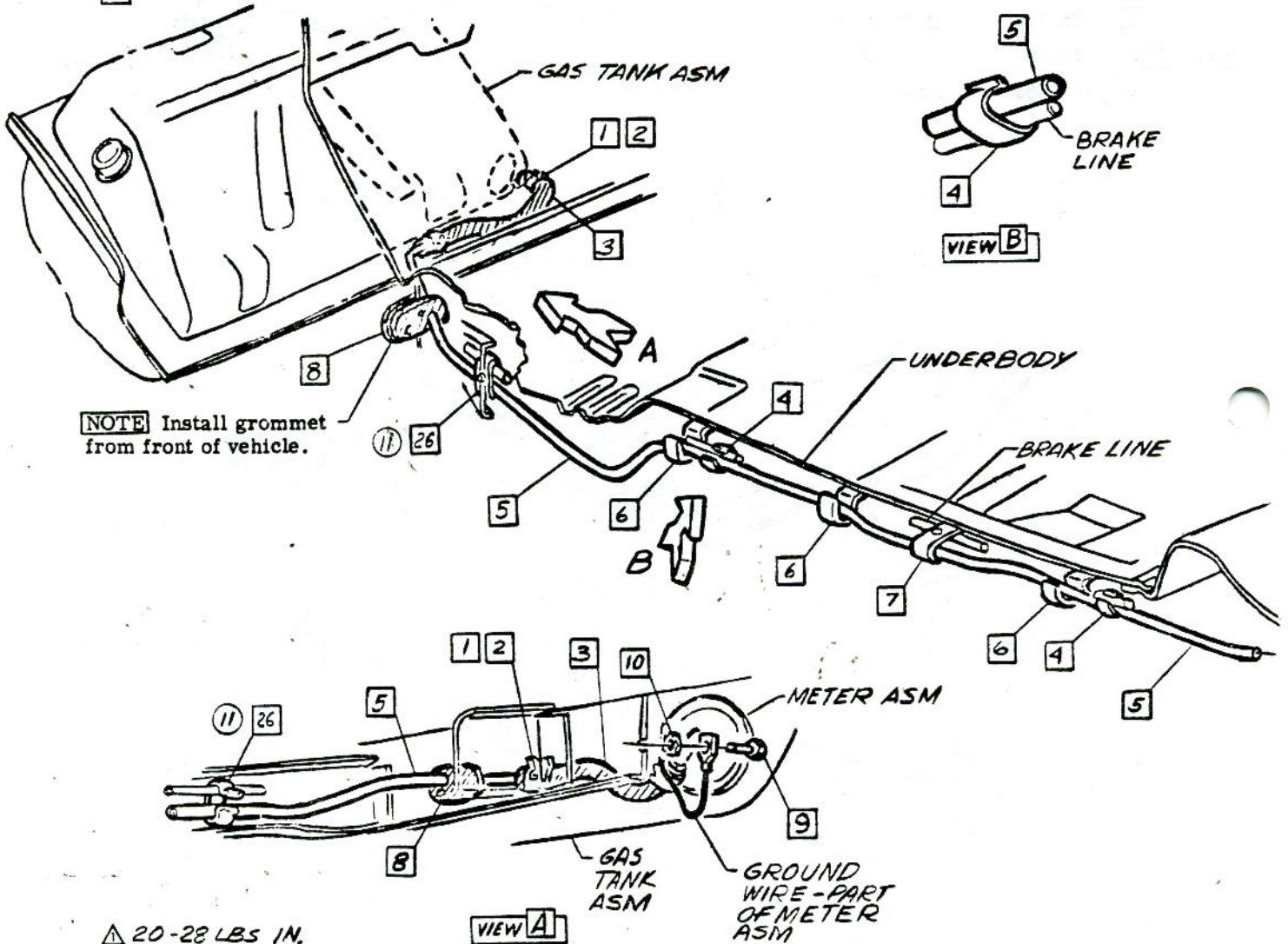
- 1 3843698 CAP ASM.
- 2 3786677 SEAL
- ④ 3 3875010 NECK ASM.
- 4 6257681 BOLT
- △ 5 271184 NUT
- 6 3785851 STRAP OPT.
- 3789437
- ② △ 7 9419365 CLAMP
- 8 3858115 HOSE-SPL.
- ③ ① △ 9 426660 CLAMP
- 10 3691365 HOSE



- △ 40-50 LBS IN.
- △ 12-18 LBS IN.
- △ 7-11 LBS IN.

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
GAS TANK STRAPS & FILLER NECK		8	7-2-64	1	WAS 472660 CLAMP	—	NC	DP
			7-30-64	2	WAS 12-18 LBS. IN.	66467	NC	
				3	WAS 7-11 LBS. IN.			HB
			1-25-65	4	WAS 3858110 NECK & DWG REVISED	67250	AP	CI
10000		B1.						
DWG APR 2-64	NC	REF: Prod. B1	L-71716	L-				
DATE REL 5-20		L-	L-	L-				
		SHEET						

- | | | | | | |
|-----|---|-----------|-----|---------|-----------|
| 1 | 3786275 | CLAMP | 7 | 3753771 | CLIP ASM |
| 2 | Position ends of all clamps 3/8 to 1/2 in. away from sheet metal for service & to avoid noise & vibrations. | | 8 | 3873641 | GROMMET |
| ⑩ 3 | 3750687 | PIPE | △ 9 | 9419305 | SCREW |
| 4 | 599119 | CLIP | 10 | 138479 | L. WASHER |
| ⑨ 5 | 3881629 | PIPE-FUEL | | | |
| 6 | 3863520 | CLIP-SPL | | | |

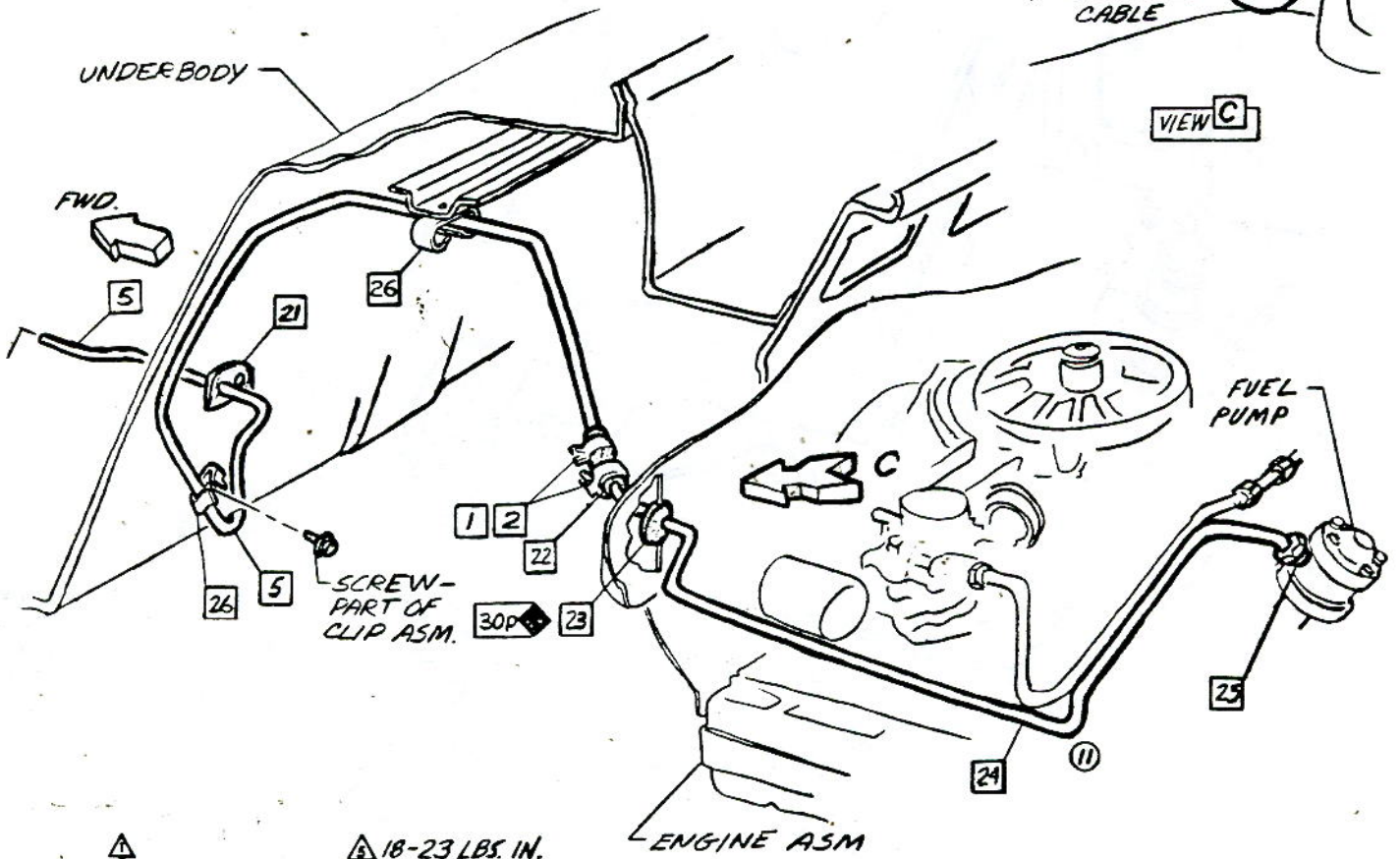
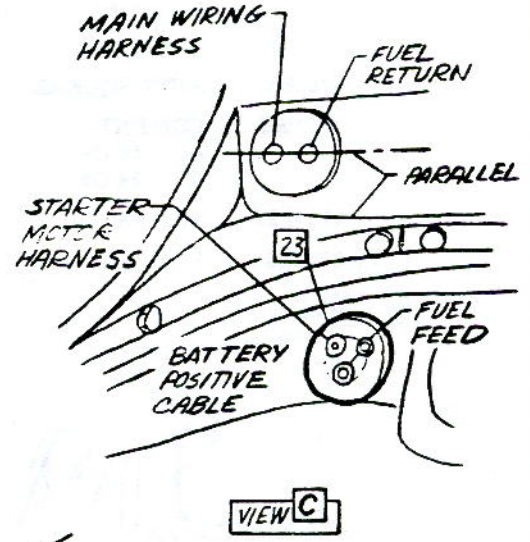


NOTE Install grommet from front of vehicle.

△ 20-28 LBS. IN.
△ 15-20 LBS. IN.
△

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FUEL LINES		8	10-65	9	WAS 3877514 PIPE	59238	JL	CI
			3-19-65	10	WAS 3754096 HOSE	69561	JL	CI
10000		Ref. B 3 B2.	11-23-65	11	WAS Q.M. 7. (2 PLACES)	10530	KM	CI
DWG PREL. D-5 NC REF: Prel. B3 L-72615 L-			DATE	REV	DESCRIPTION	BY	CHKD	APPD
DATE R32 4-23		△ SHEET 1						

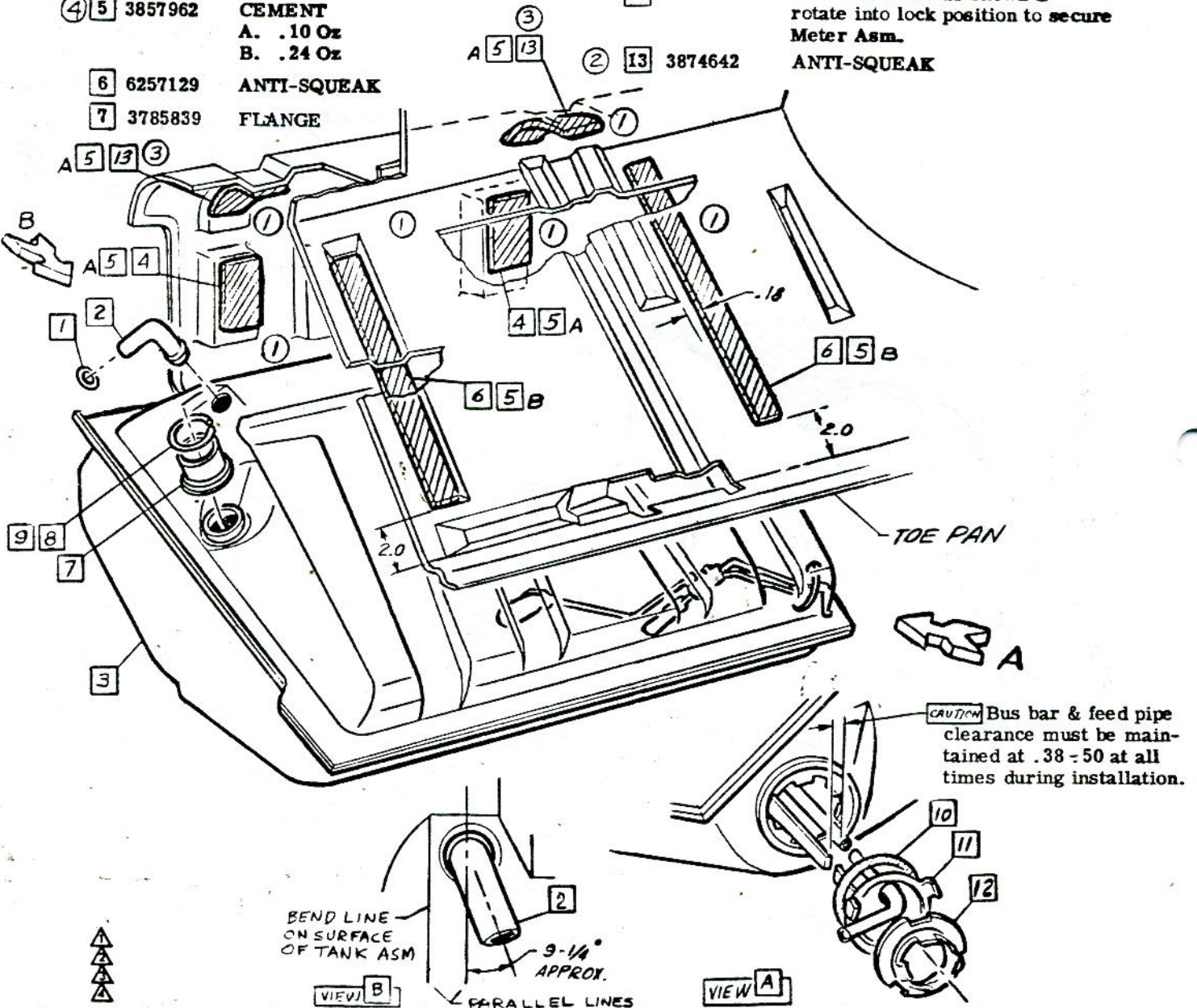
- 21 3861824 GROMMET
- ⑩ ③ 22 3750687 HOSE
- ⑧ 23 3877832 GROMMET
- △ 24 3862999 PIPE ASM
- ④ 25 137406 CONNECTOR
- △ 26 3861825 CLIP ASM



- △ 18-23 LBS. IN.
- △ 115-125 LBS. IN.
- △ 100-125 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK	
FUEL LINES				8	12-30-64	8	REV. 3750687 HOSE & 3877832 GROMMET	65,37,6K			
10000				Ref. B 2 B3.	1-18-65	9	WAS 3877577 HOSE		JT	CI	
DWG PREL 3-5 NC REF: Prel. B4 L-72615 L- DATE/REL 4-23 L- L- L-				SHEET		2-17-65	10	WAS 3877517 HOSE	69238	J.T.	
				SHEET			11	*PIPE DRAWING REVISED			CI

- | | | | | | |
|---|---------|---|----|---------|--|
| 1 | 3745835 | RING-Sweat Pipe To tank to insure leak proof joint. | 8 | 6255796 | RING-Sweat flange to tank to insure leak proof joint. |
| 2 | 3875004 | VENT PIPE-Position as shown before soldering. | 9 | 3782248 | FLUX .05 OZ |
| 3 | 3858116 | TANK ASM | 10 | 3825206 | GASKET |
| 4 | 3785850 | ANTI-SQUEAK | 11 | 6425531 | METER ASM |
| 5 | 3857962 | CEMENT
A. .10 Oz
B. .24 Oz | 12 | 3774937 | Cam-Assemble as shown & rotate into lock position to secure Meter Asm. |
| 6 | 6257129 | ANTI-SQUEAK | 13 | 3874642 | ANTI-SQUEAK |
| 7 | 3785839 | FLANGE | | | |



CAUTION Bus bar & feed pipe clearance must be maintained at .38 - .50 at all times during installation.

BEND LINE ON SURFACE OF TANK ASM

9-1/4" APPROX.

PARALLEL LINES

VIEW B

VIEW A

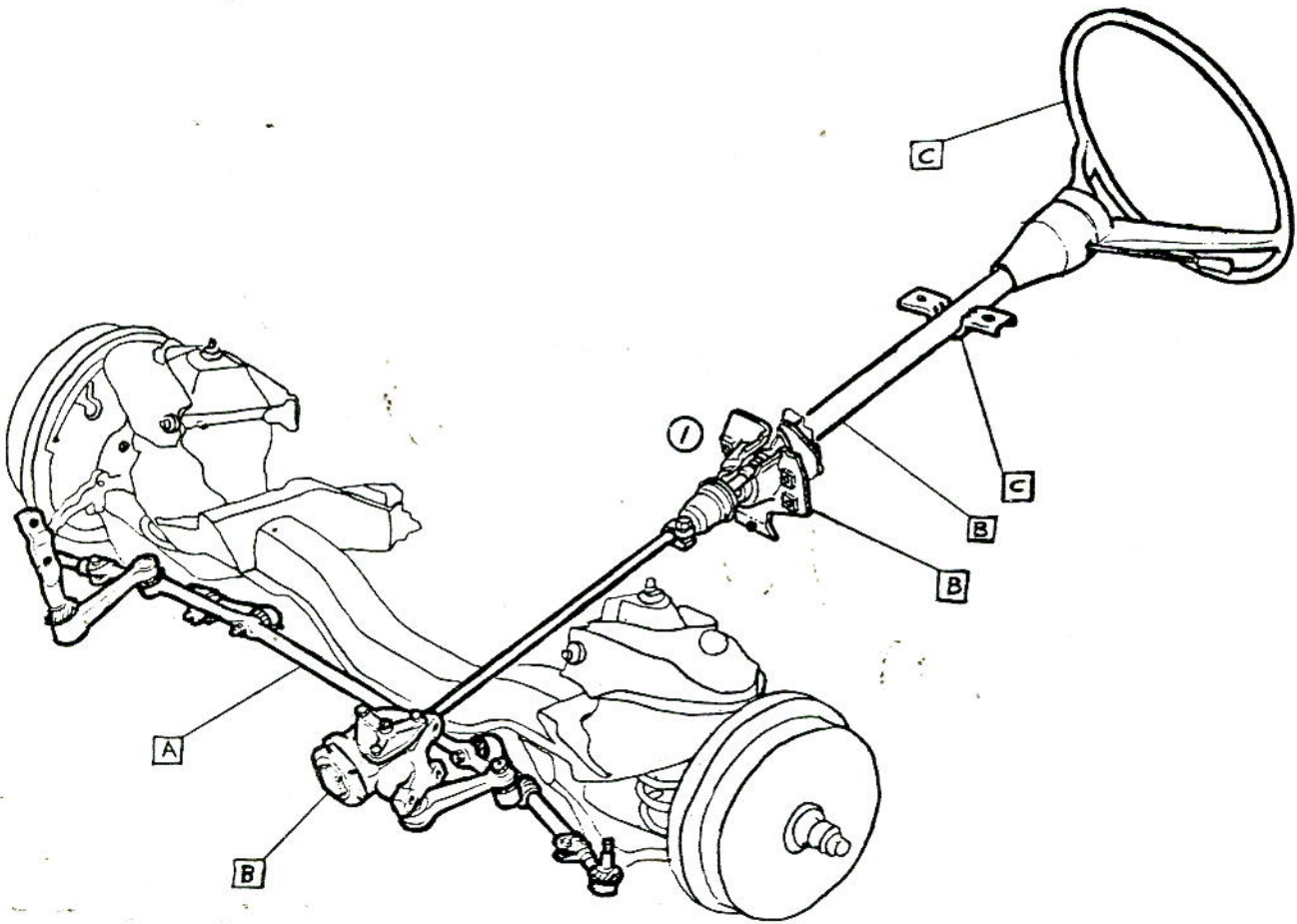
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
GAS TANK & METER		8	10-28-64	1	ANTI-SQUEAK RELOCATED TO UNDERBODY-6 PLACES	66967	NO	
10000		B4.		2	ITEM 13 ADDED	15901		
DWG PREL 2-19 NC REF: Prel. B2 L-71716 L-		<input checked="" type="checkbox"/> SHEET		3	ITEM 13 WAS ITEM 4 (2 PLACES)			HR
DATE REL 5-13			12-30-64	4	WAS 5580639 CEMENT	15944	BR	CI
			2-17-65	5	WAS 3781740 PIPE	67250	RS	CI

SECTION 9
STEERING



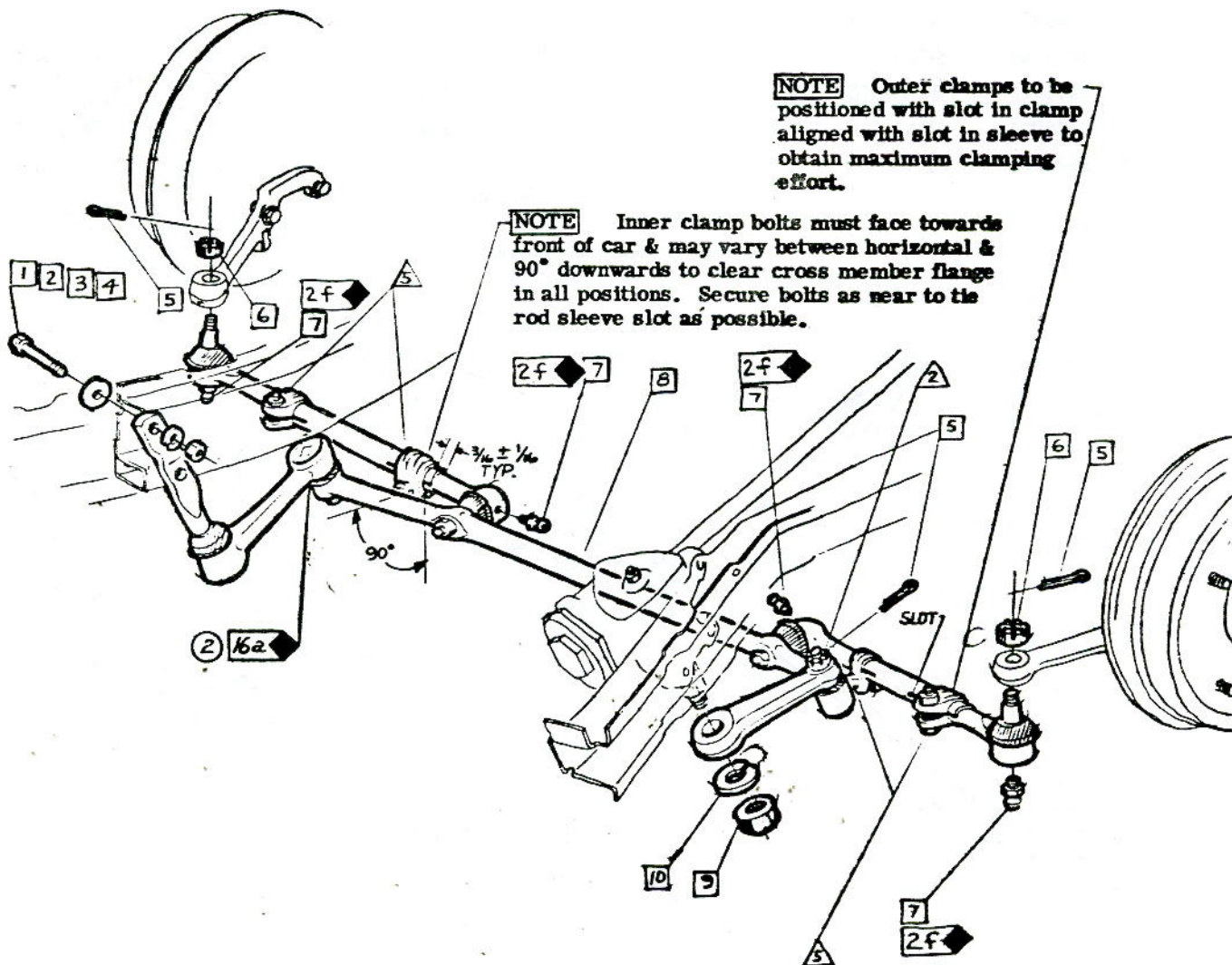
SHEET TITLE

- 1. CONTENTS
- A** 2. RELAY & TIE ROD ASM
- B** 3. STEERING GEAR, JACKET ASM. (2)
- 4. SEQUENCE OF ASSEMBLY
- 5. SEQUENCE OF ASSEMBLY
- C** 6. STEERING WHEEL



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
STEERING-CONTENTS		9	1-25-65	1	JACKET DWG. REVISED	67250	AP	
				2	JACKET ASM. WAS JACKET			CI
10000		1.						
DWG PREL 5-17	W-3	REF: Prel. 1	L-74625	L-				
DATE REL 5-19		L-	L-	L-				
		SHEET						

- | | | | | | | | |
|---|---------|-------------|-----------|--------|-----------|---------------------|-----|
| 1 | 180113 | BOLT | △ | 6 | 102646 | NUT | |
| 2 | 3747985 | SPL. WASHER | △ | 7 | 9417901 | FITTING | |
| ① | 3 | 103320 | L. WASHER | 8 | 3857001 | RELAY & TIE ROD ASM | |
| △ | 4 | 120376 | NUT | △ | 9 | 124944 | NUT |
| 5 | 103373 | C. PIN | 10 | 103331 | L. WASHER | | |



NOTE Outer clamps to be positioned with slot in clamp aligned with slot in sleeve to obtain maximum clamping effort.

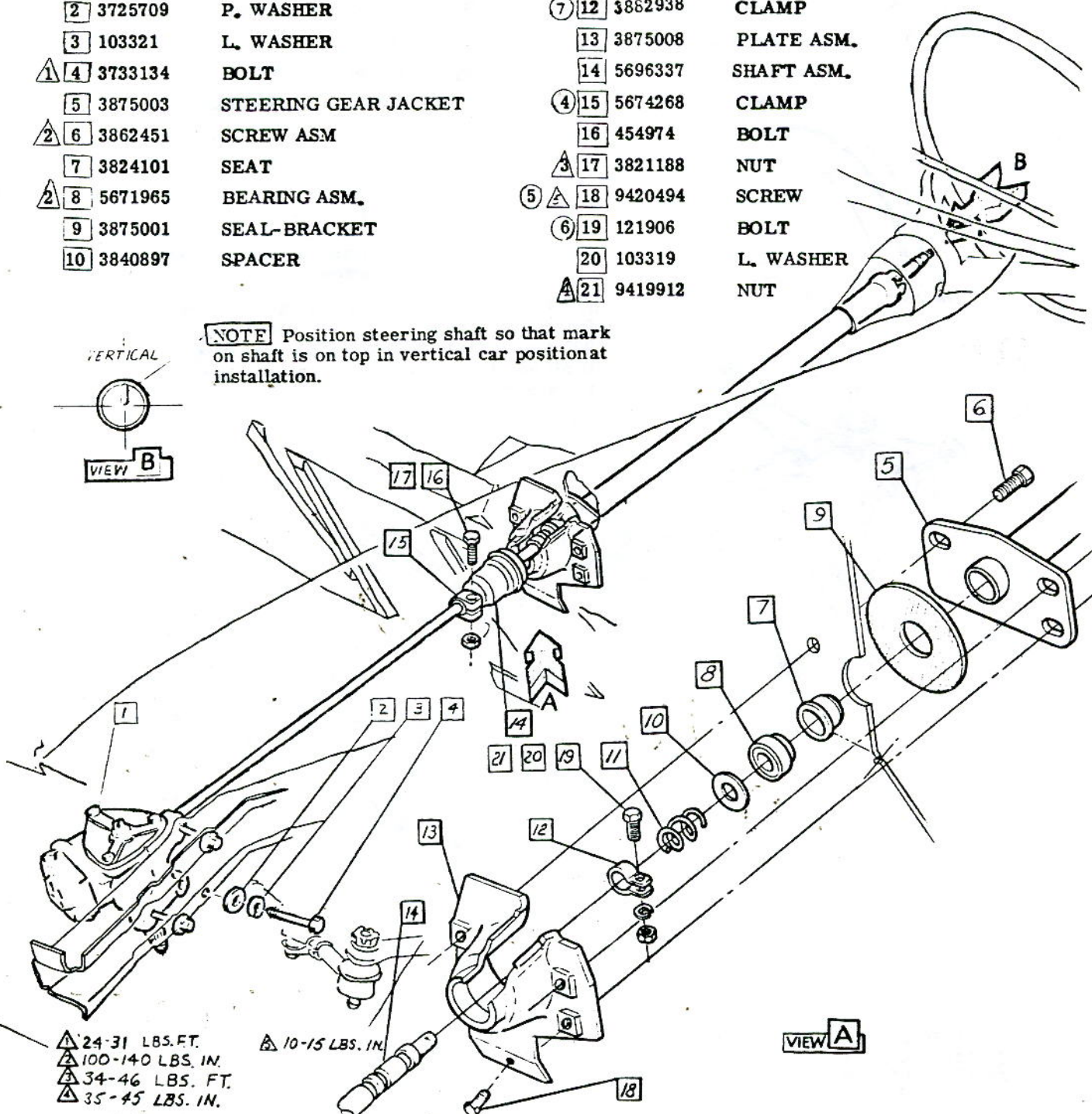
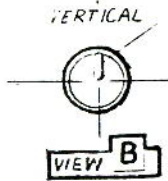
NOTE Inner clamp bolts must face towards front of car & may vary between horizontal & 90° downwards to clear cross member flange in all positions. Secure bolts as near to tie rod sleeve slot as possible.

- | | | | |
|---|---------------|---|--------------|
| △ | 14-20 LBS FT | △ | 12-16 LBS FT |
| △ | 29-43 LBS FT | | |
| △ | 40-60 LBS IN | | |
| △ | 80-105 LBS FT | | |

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
RELAY & TIE ROD ASM.		9	8-12-64	1	WAS 187119 L. WASHER	63431	WS	DE
10000			1-25-65	2	LUBE SYM. ADDED	68471	BR	CI
DWG PREC 2-3-64		2.						
DATE REL 5-7-64								
REF: Prod. 2 L-74625 L-70428		△ SHEET						
L-72599 L-								

- | | | | | | | |
|----|---------|----------------------|----|---------|------------|-------|
| 1 | 5695482 | GEAR ASM | 11 | 3758803 | SPRING | |
| 2 | 3725709 | P. WASHER | 7 | 12 | 3862938 | CLAMP |
| 3 | 103321 | L. WASHER | 13 | 3875008 | PLATE ASM. | |
| 4 | 3733134 | BOLT | 14 | 5696337 | SHAFT ASM. | |
| 5 | 3875003 | STEERING GEAR JACKET | 15 | 5674268 | CLAMP | |
| 6 | 3862451 | SCREW ASM | 16 | 454974 | BOLT | |
| 7 | 3824101 | SEAT | 17 | 3821188 | NUT | |
| 8 | 5671965 | BEARING ASM. | 18 | 9420494 | SCREW | |
| 9 | 3875001 | SEAL-BRACKET | 19 | 121906 | BOLT | |
| 10 | 3840897 | SPACER | 20 | 103319 | L. WASHER | |
| | | | 21 | 9419912 | NUT | |

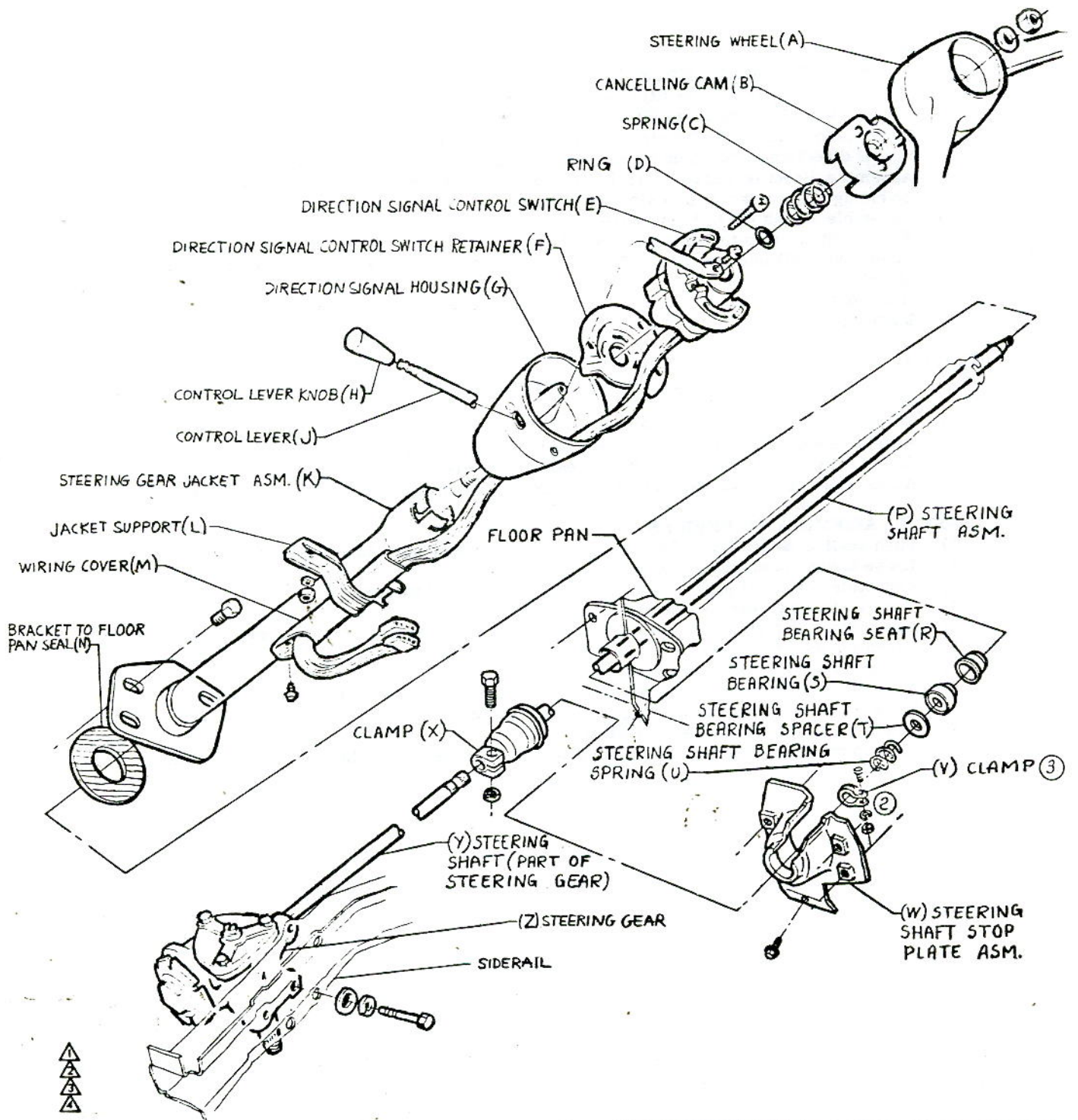
NOTE Position steering shaft so that mark on shaft is on top in vertical car position at installation.



- ▲ 24-31 LBS. FT.
- ▲ 100-140 LBS. IN.
- ▲ 34-46 LBS. FT.
- ▲ 35-45 LBS. IN.

▲ 10-15 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
STEERING GEAR, JACKET				9	1-12-65	3	REDRAWN & REDESIGNED	68064		
							67533-67250		AP	CI
10000				3.	3-31-65	4	WAS 3767107 CLAMP			KN
						5	ITEM 18 & TORQUE ADDED			
						6	ITEM 19, 20, 21 & TORQUE ADDED	63820	LS	
DWG PREL 2-11-64							7	WAS 3875002 CLAMP		CI
DATE REL 5-14-64										
REF: Prel. 4 L-71683 L-74625										
L- L- L-										
SHEET 1										



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
SEQUENCE OF ASSEMBLY				9	1-12-65	1	REDESIGNED E REDESIGNED	67250	HP	CI
					3-31-65	2	CLAMP DRAWINGS REVISED	63520	KM	
10000				REF. 5 4.		3	CLAMP WAS "CLAMP ASM"			CI
DWG. PREL 4-1-64				REF: Prel. 5		L-74625 L-				
DATE PREL 4-2-64				L-		L-				
				SHEET						



PHASE I JACKET SUB-ASSEMBLY

- 1) Assemble the bearing seat (R) to bottom of jacket.
- 2) Assemble the bearing asm. (S) to bearing seat (R).
- 3) Insert directional signal control switch wires (E) thru direction signal housing (G), then install direction signal housing onto steering gear jacket (K) allowing switch to hang free.
- 4) Assemble direction signal control switch retainer (F) onto steering gear jacket (K) by inserting tang on jacket into slots in retainer.
- 5) Assemble switch (E) to housing (G).
- 6) Route switch wires thru wiring cover (M).
- 7) Push cover (M) into housing (G) until cover hits stop on jacket (K). Fasten cover to jacket.
- 8) Heat control lever knob (H) to 100-130° F. and install to control lever (J).
- 9) Install control lever (J) to switch (E).

PHASE II SHAFT & JACKET SUB-ASSEMBLY

- 1) Loose assemble special clamp (V) to steering shaft (P) and push down until clamp is near universal joint coupling.
- 2) Follow clamp with spring (U) and spacer (T).
- 3) Assemble steering shaft up thru the bottom of jacket (K).
- 4) Assemble upper bearing ring (D) to steering shaft (P).
- 5) Adjust bearing preload and set end play from .005 to .030 and torque special clamp (V).

PHASE III ASSEMBLY TO VEHICLE

- 1) Push shaft & jacket asm. thru floor pan and loose assemble to instrument panel.
- 2) Loose assemble steering gear (Z) to side rail.
- 3) Assemble universal joint coupling to steering gear and torque.
- 4) Torque steering gear to side rail.
- 5) Assemble stop plate (W) to underside of toe pan and torque attaching screw.
- 6) Assemble and torque jacket mounting flange to toe pan.
- 7) Torque jacket to instrument panel.
- 8) Assemble cancelling cam (B) to steering wheel (A) by inserting tangs on cam into holes in wheel. Line up cartridge in wheel with hole in cam.
- 9) Assemble spring (C) to steering shaft.
- 10) Line up mark on steering wheel with mark on steering shaft. Install wheel to shaft.



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
SEQUENCE OF ASSEMBLY		9	12-65	1	REDRAWN & REDESIGNED	ET	AP	CI
10000		REF 4.						
DWG PREL 4-2-64		5.						
DATE PREL 4-21-64		SHEET 13						
REF: Prel. 6 L-74625 L-								
L- L- L-								



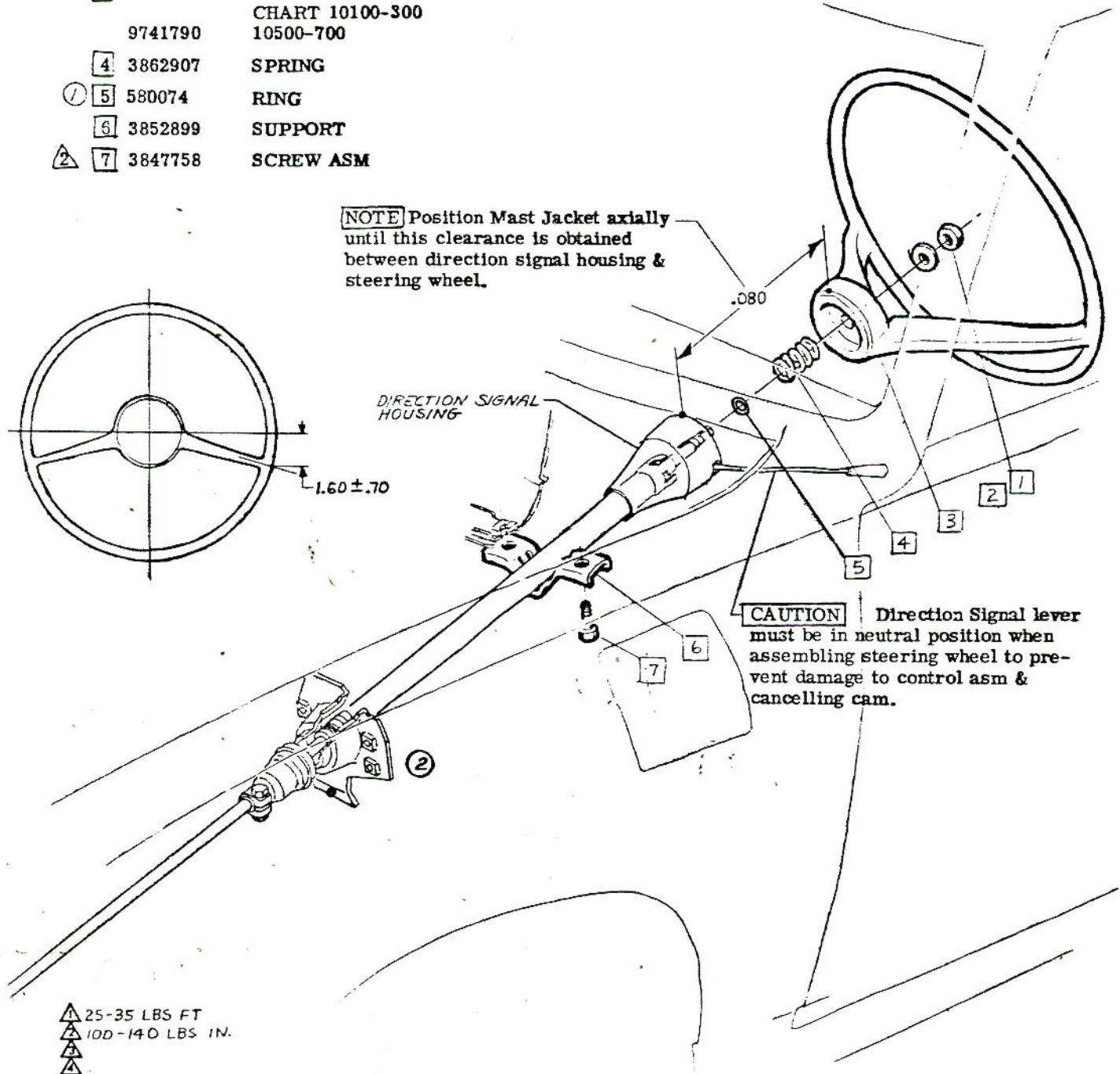
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- ⚠ 1 271506 NUT
- 2 103342 L. WASHER
- 3 9741610 STEERING WHEEL
CHART 10100-300
10500-700
- 4 3862907 SPRING
- ① 5 580074 RING
- 6 3852899 SUPPORT
- ⚠ 7 3847758 SCREW ASM

NOTE Position Mast Jacket axially until this clearance is obtained between direction signal housing & steering wheel.



CAUTION Direction Signal lever must be in neutral position when assembling steering wheel to prevent damage to control asm & cancelling cam.

- ⚠ 25-35 LBS FT
- ⚠ 100-140 LBS IN.
- ⚠
- ⚠

• CHEVROLET MOTOR DIVISION, GMC •		UPC.	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
STEERING WHEEL		9	2-2-65	1	WAS 3863559 SLEEVE	67250/HP		
				2	COLUMN DWG REVISED			CI
10000		6.						
DWG PREL-2-5-64 WE REF: Prel. 3 L-71683 L-73921			✓ SHEET					
DATE REL 5-7-64 L- L- L-								

SECTION 10
WHEELS & TIRES



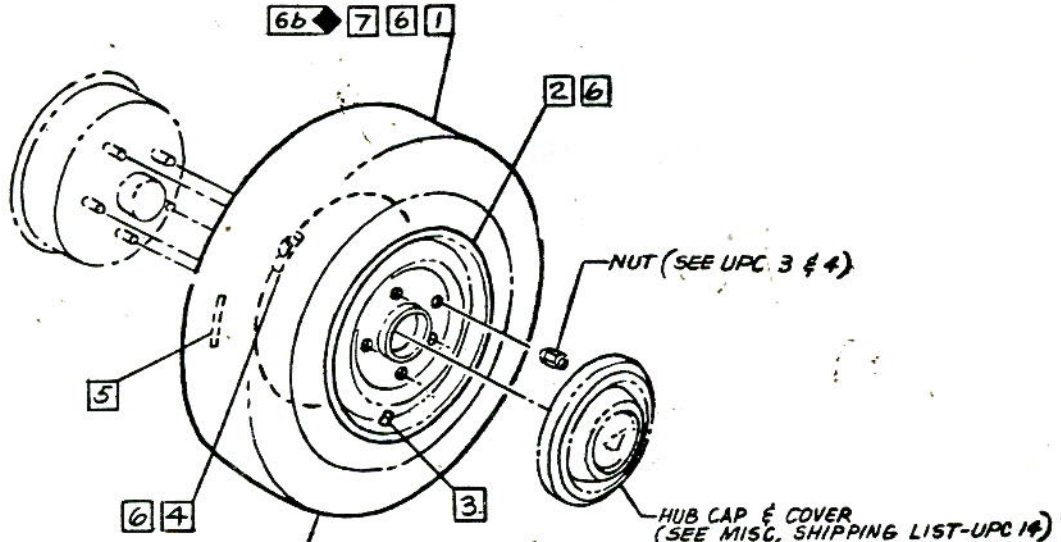
NOT ILLUSTRATED ON THIS SHEET

SHEET	TITLE	SHEET	TITLE
1.	CONTENTS	2.	SPARE TIRE STOWAGE

- ① 1 3869476 TIRE UNIT CHART
- ④ 2 3848227 WHEEL ASM
- 3 9417745 EXTENSION (10500-700 & RPO P01)
- 4 WEIGHT-Approx. 1 per job as req'd.
 - 9421502 0.5 oz.
 - 9421504 1.0 oz.
 - 9421506 1.5 oz.
 - 9421508 2.0 oz.
 - 9421510 2.5 oz.

- 5 Serial number on tire to face inside of wheel when tire is mounted on wheel asm.
- 6 All wheel & tire assemblies are to be checked for static unbalance. Add weights to inside of wheel at rim edge to obtain balance condition not to exceed 5 oz. inches of unbalance. If total weight required to balance the wheel & tire asm. exceeds 5 oz., either the tire or wheel is excessively out of balance & asm should be rejected.

- ⑤ ② 7 Front tire pressure-15 PSI ± 2 PSI Cold
- ③ Rear tire pressure-27 PSI ± 2 PSI Cold



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYN	REVISION RECORD	AUTH.	DR	CK
WHEELS, TIRES & EXTENSIONS-CONTENTS				10	7-6-64	1	WAS 3845657 CHART 65151	64788	EL	CA
					8-14-64	2	ITEM 7 ADDED	65582	EL	DF
10000				1.	8-25-64	3	27 PSI WAS 26 PSI	66060	EL	WB
					10-22-64	4	3864075 OPT RMYD	66835	EL	HC
DWG PREL. 2-17 EL REF: Prot. 1 L- L-				SHEET X	1-25-65	5	13 PSI ± 2 PSI WAS 15 PSI ± 3 PSI	68094	JM	CI
DATE REL. 2-17 L- L- L-										



F 0 2 7 0 0 0 0 0 0

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

1 3854139

CARRIER ASM.

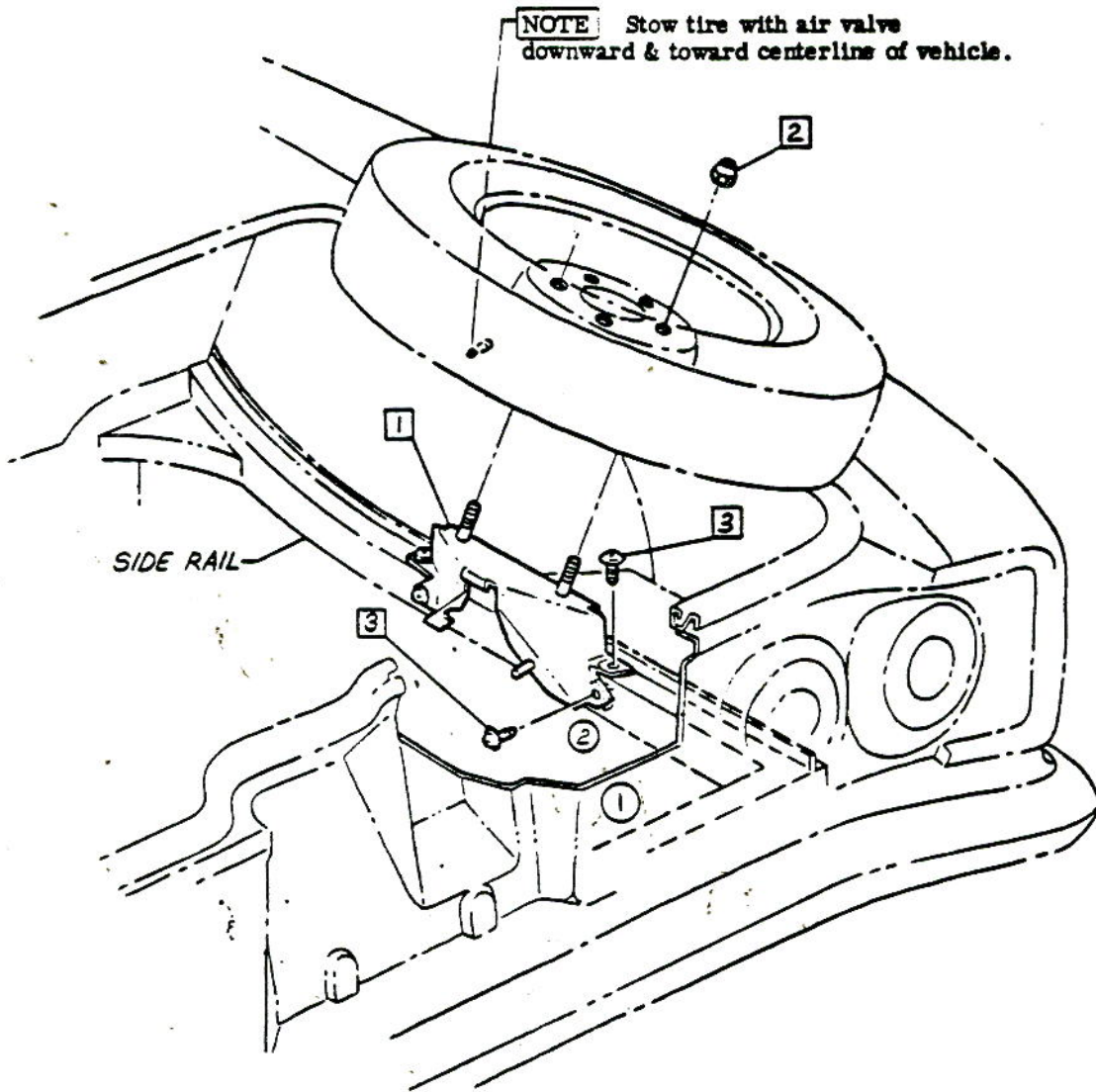
3 3786036

SCREW

2 358501

NUT

NOTE Stow tire with air valve downward & toward centerline of vehicle.

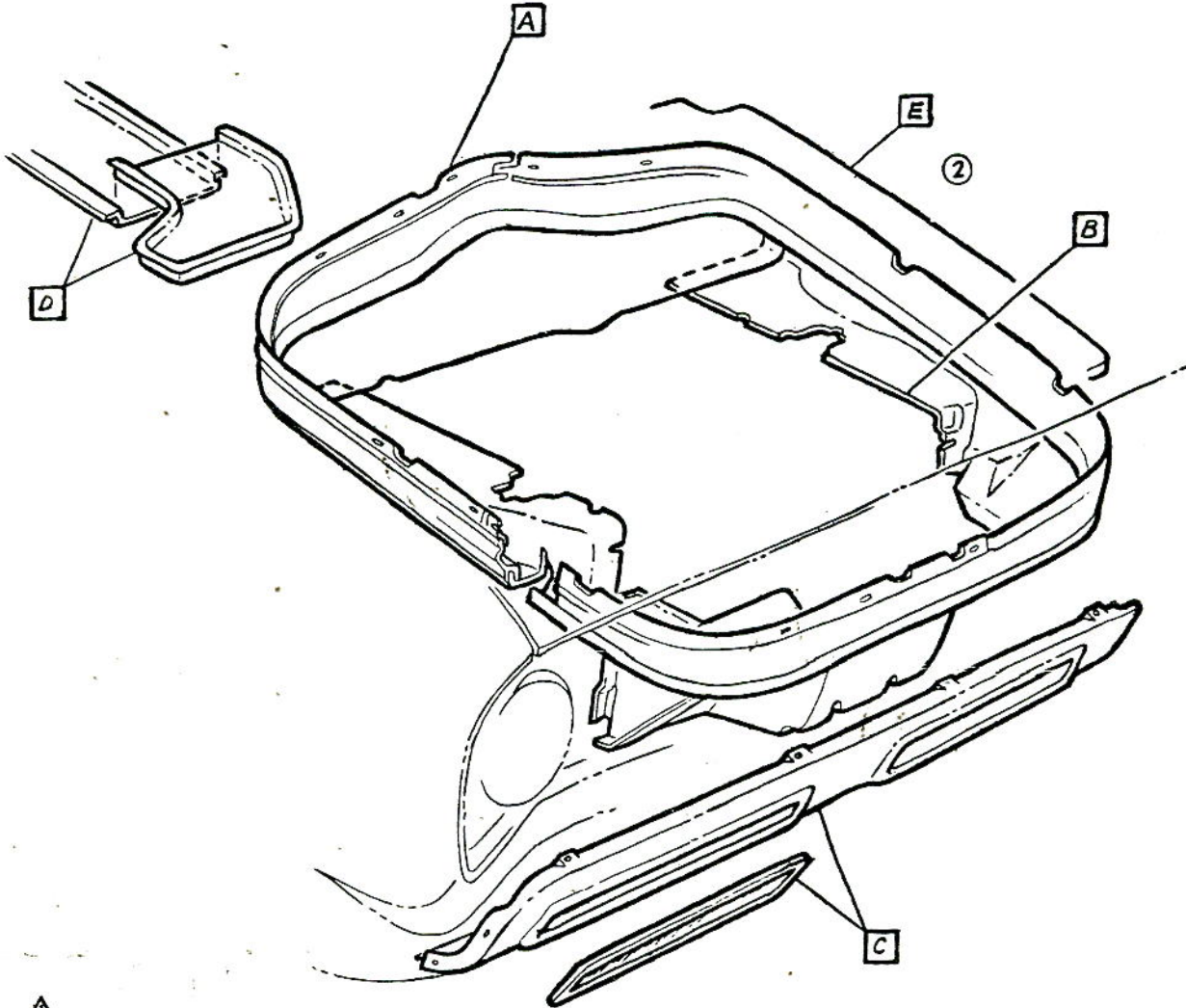


75-95 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
SPARE TIRE STOWAGE				10	7-17-64	1	SEALER SYMBOL ADDED	153801EL	DP	
					2-22-64	2	LUBE SYMBOL REMOVED	15344	BR	CI
10000				2.						
DWG PREL. 2-21					REF: Prel. 2	L-72279	L-			
DATE REL. 2-21					L-	L-	L-			
				<input checked="" type="checkbox"/> SHEET						

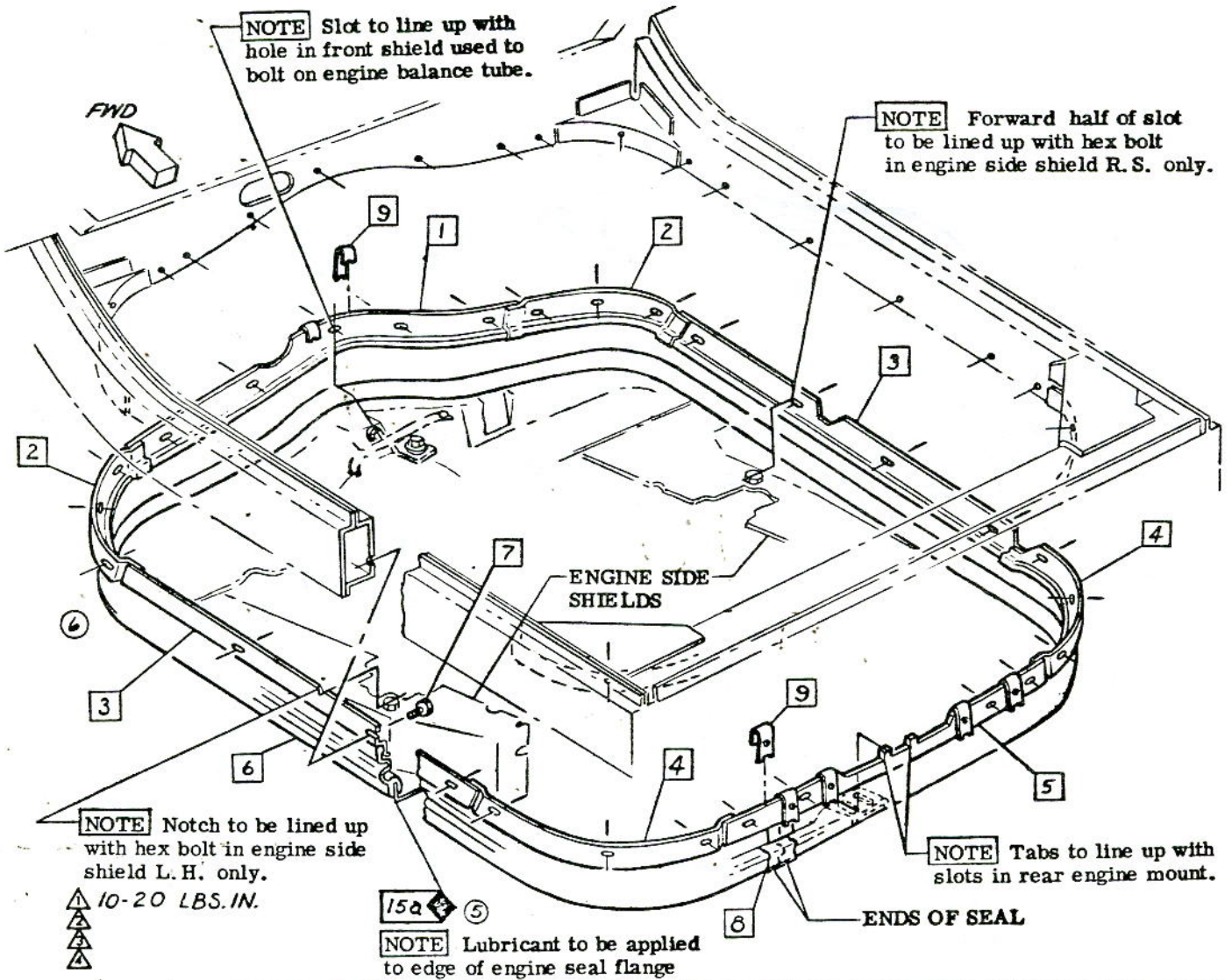
SECTION 11
SHEET METAL

SHEET	TITLE	SHEET	TITLE
A1.	CONTENTS	<input type="checkbox"/> C	B1. GRILLE & INSERT - REAR ENGINE
<input type="checkbox"/> A A2.	ENGINE SEALS	<input type="checkbox"/> D	B2. SHIELDS - UNDERBODY FRONT & REAR
<input type="checkbox"/> B A3.	ENGINE SHIELDS	<input type="checkbox"/> E	B3. INSULATOR - LID ENGINE COMPT



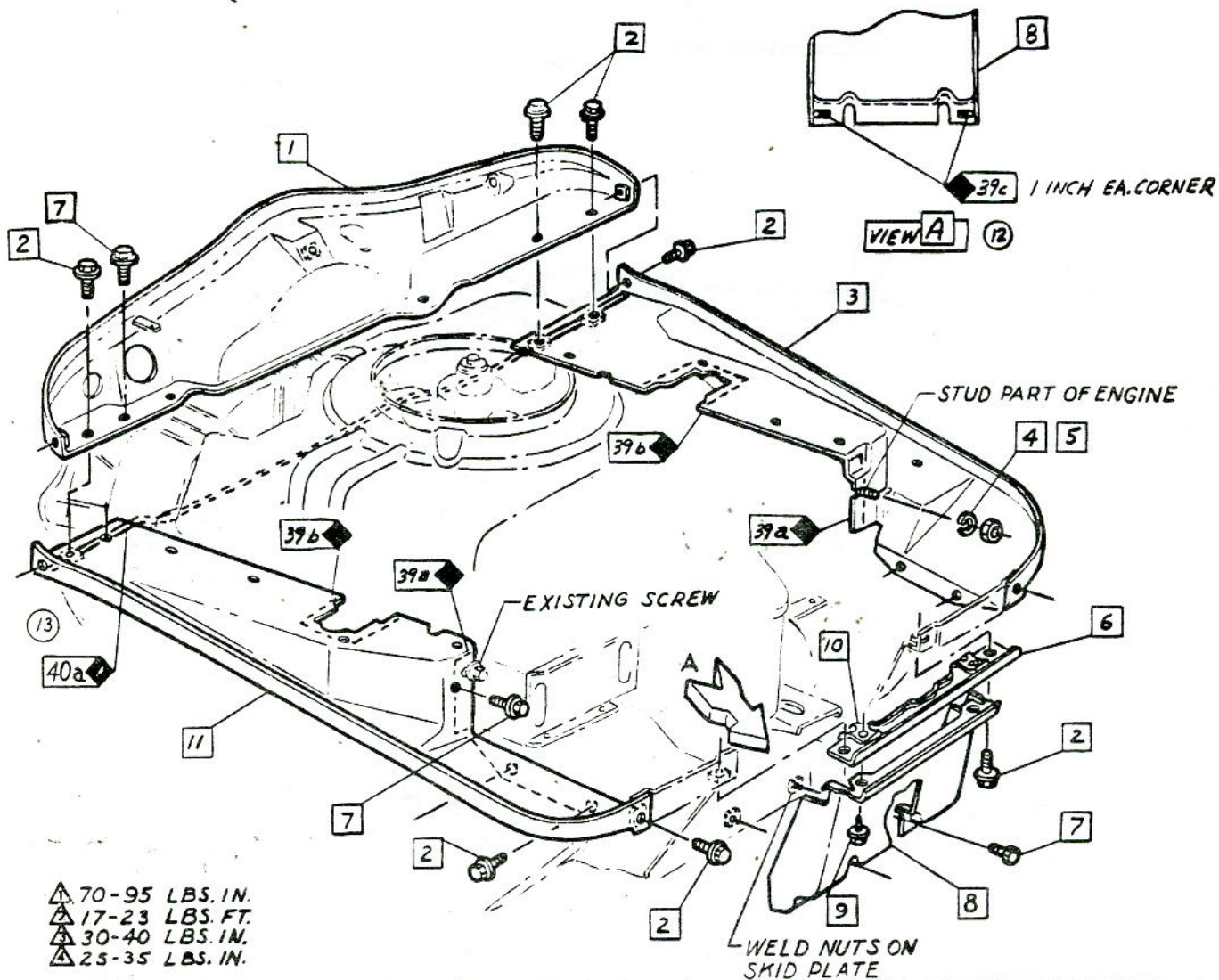
• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
SHEET METAL & GRILLE-CONTENTS		11-13	7-17-64	1	SHEET B3. ADDED	6417	TH	
10000				2	DRAWING REVISED			DP
A1.		SHEET <input checked="" type="checkbox"/>						
DWG PREL 3-19	JM/AN		REF: Prel. A1	L-	L-			
DATE REL 5-5			L-	L-				

- | | | | | | | |
|---|-----------|--------------------------------|---|---|---------|-----------------------------|
| 1 | 3871189 | RETAINER-FRONT | 7 | 6 | 3872394 | SEAL ASM ENG SHIELD TO BODY |
| 2 | 3871183-4 | RETAINER-FRONT CORNER L & R.H. | △ | 7 | 9421803 | SCREW & WA ASM |
| 3 | 3871185-6 | RETAINER-SIDE L & R.H. | 8 | | 3744771 | TAPE (2 IN PER JOB) |
| 4 | 3871187-8 | RETAINER-REAR CORNER L & R.H. | 8 | 9 | 3861835 | NUT - J |
| 5 | 3871190 | RETAINER-REAR | | | | |



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
ENGINE SEALS		11-13	8-12-64	4	REDRAWN & REVISED	65557	JM	LF
			8-28-64	5	LUB SYMBOL & NOTE ADDED	65559	JM	LF
10000		A2.	10-23-64	6	DRAWING REVISED	15886	TH	DF
			1-25-65	7	WAS 3857320 SEAL & DWG. REVISED	15921	JT	
				8	ITEM 9 ADDED			CI
DWG PREL 3-14		dm	REF: Prel. A2	L-75515	L-74856			
DATE REL 5-21			L-	L-	L-			

- | | | | | | |
|---|---------|-------------------------------------|----|---------|-------------------------------------|
| 1 | 3851884 | SHIELD ASM-ENG. FRT. | 8 | 3867221 | SHIELD-ENG REAR CENTER |
| 2 | 9417881 | SCREW | 9 | 9419303 | SCREW |
| 3 | 3870278 | SHIELD ASM-ENG SIDE R. H. EXC 10700 | 10 | 9420856 | NUT |
| 4 | 3870280 | 10700 | 11 | 3851889 | SHIELD ASM-ENG SIDE L. H. EXC 10700 |
| 5 | 103321 | L. WASHER | 9 | 3869975 | 10700 |
| 6 | 120369 | NUT | | | |
| 7 | 3867222 | FLANGE-ENG CENTER SHIELD | | | |
| 8 | 3780162 | SCREW | | | |



- ▲ 70-95 LBS. IN.
- ▲ 17-23 LBS. FT.
- ▲ 30-40 LBS. IN.
- ▲ 25-35 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE SYM	REVISION RECORD	AUTH. DE. CK.	
ENGINE SHIELDS		11-13	9	3X64475 WAS 3856775	65836 JAM	
10000			10	3870278 WAS 3851890	15855	
DWG PREL 3-17 1771			11	3870280 WAS 3856776		DF
DATE REL 5-23			12	VIEW A ADDED	66467 TH	DF
REF: Prel. A 4 L-73348 L-7593/ L-73743 L- L-			13	LUB. SYM. ADDED & DWG. REV.	15858 JAM	DF
		A3.				
		SHEET				



CHEVROLET

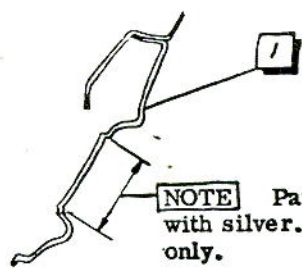
ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

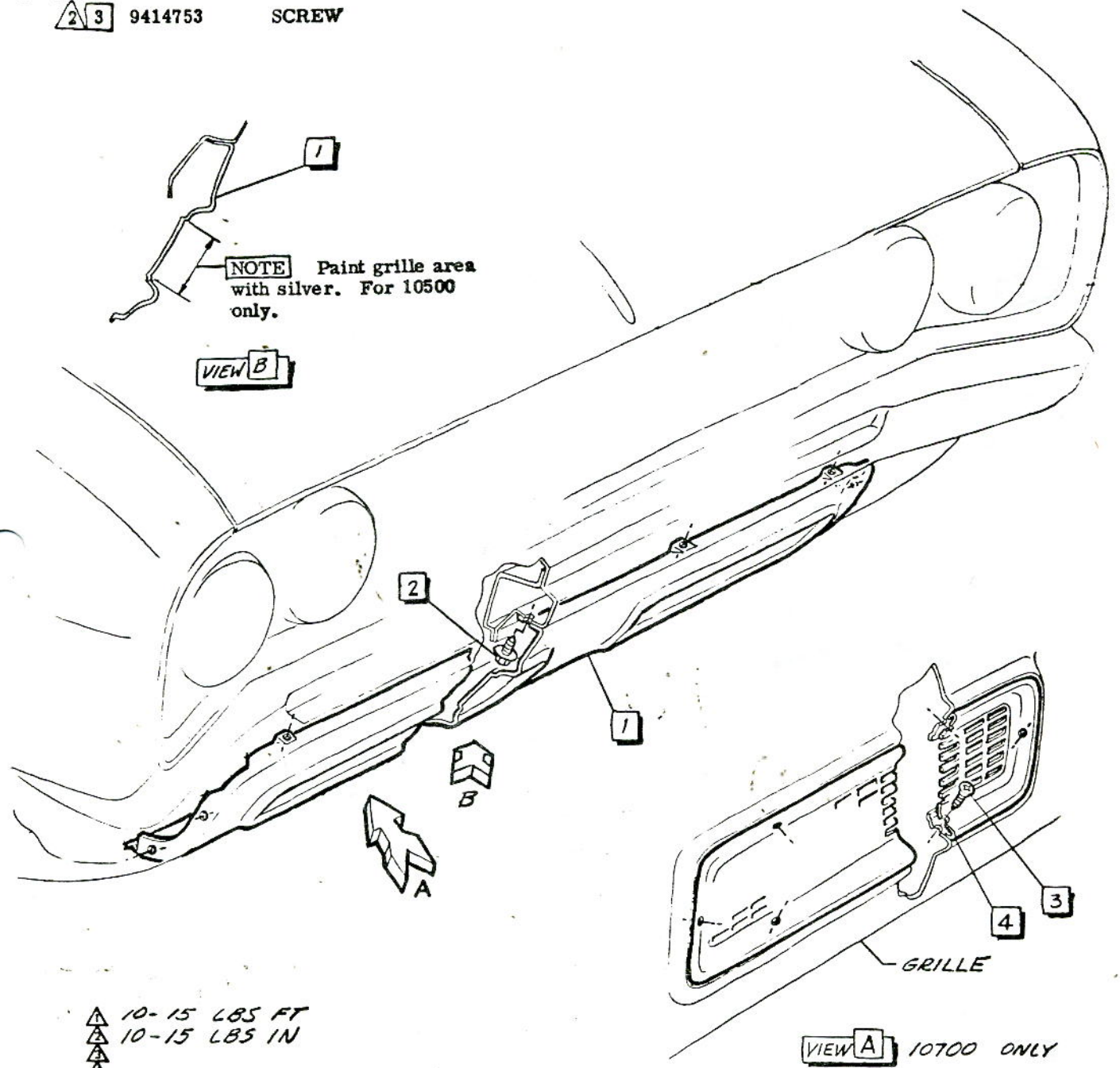
1 3857317 GRILLE - Except 10700
 3863578 10700

4 3863579 INSERT - 10700 Only

1 **2** 9419303 SCREW
2 **3** 9414753 SCREW



VIEW B



▲ 10-15 LBS FT
 ▲ 10-15 LBS IN
 ▲

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
GRILLE & INSERT-REAR ENGINE				11-13	62664	1	WAS TORQUE (1) 10-15 LBS FT	64798	TH	UP
10000				B1.						
DWG-REL 2-5 TH REF: Prej. B1 L-65016 L-75110										
DATE REL 5-6				SHEET						

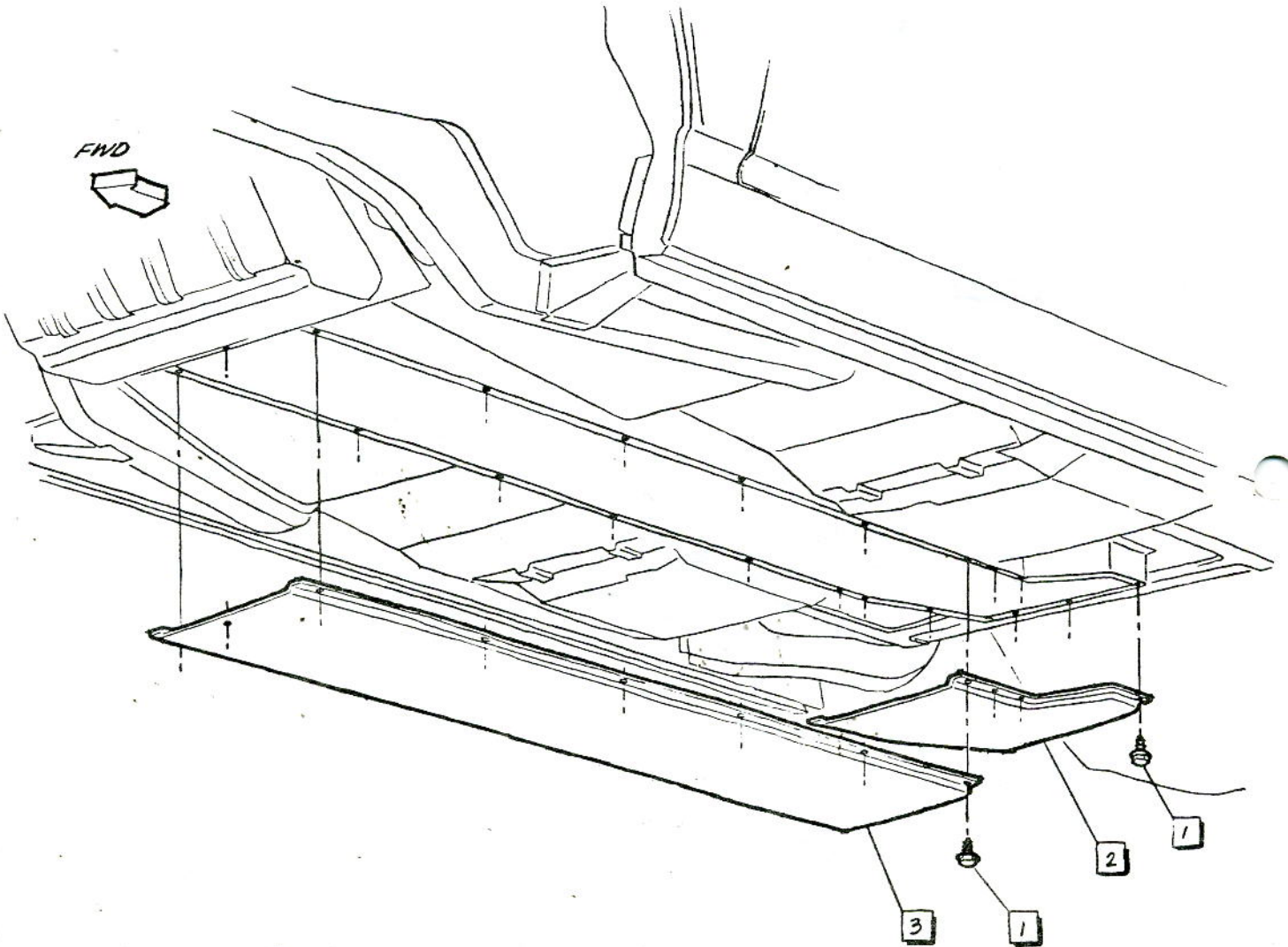


CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- ① 1 9417881 SCREW ASM ①②
- 2 3853068 SHIELD-REAR
- 3 3853067 SHIELD-FRONT



▲ 25-35 LBS IN
 ▲
 ▲
 ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
SHIELDS-UNDERBODY FRONT & REAR		11-13	11-6-61	1	WAS 9421003 SCREW	15877	TH	11-13-61
10000		B2.	2-23-65	2	WAS 9421457 SCREW	38594	MC	
DWG PREL 3-11	TH	REF: Proj. B2	L-65029	L-				
DATE REL 3-11		L-	L-	L-				
		<input checked="" type="checkbox"/> SHEET						



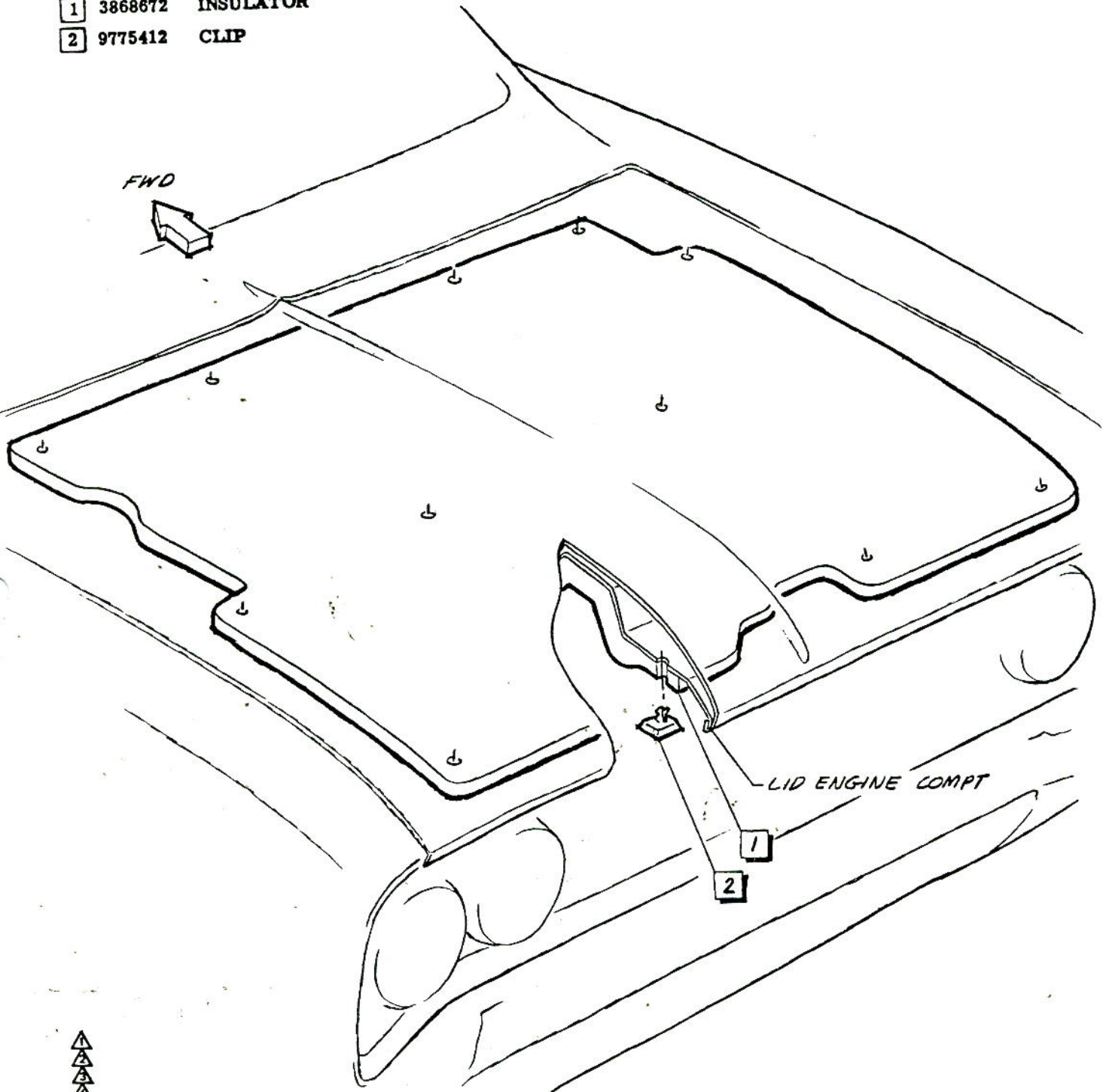
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 3868672 INSULATOR
- 2 9775412 CLIP



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
INSULATOR - LID ENGINE COMPT		11-13						
10500 - 700		B3.						
DWG -	TH REF: ECR 64127L-7608 / L-	SHEET <input checked="" type="checkbox"/>						
DATE REL 7-17	DP L- L- L-							

SECTION 12
ELECTRICAL

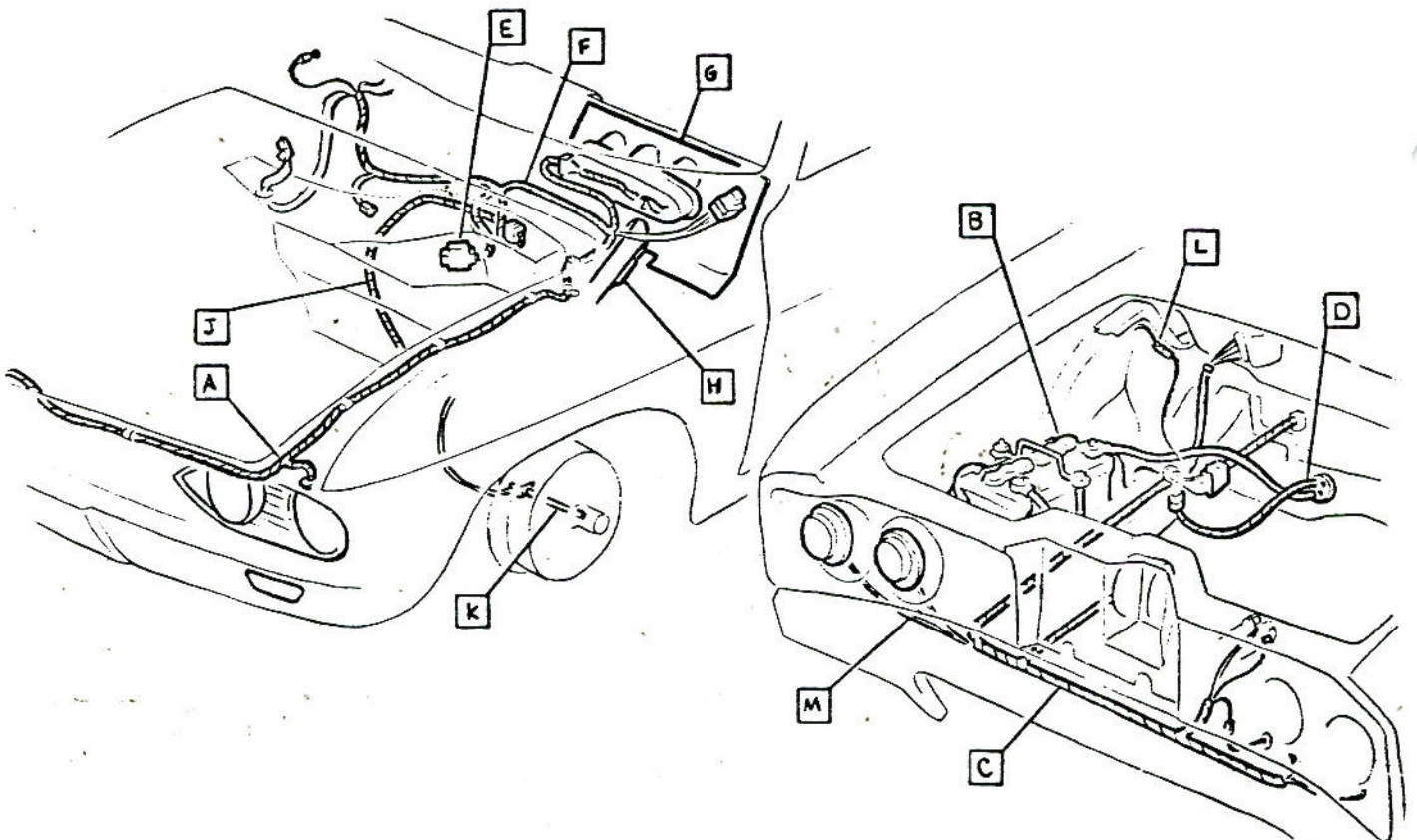


SHEET	TITLE
A1.	CONTENTS
A	A2. FWD H/L & HORN RELAY WIRING
	A3. H/L, P/L & HORN
	A4. H/L AIMING
B	A5. BATTERY & CABLES
C	A6. ENGINE WIRING HARNESS
	A7. ENGINE WIRING HARNESS
	A8. OIL PRESS & TEMP SW-EXC 10700
	A9. 10700
D	A10. STARTER MOTOR WIRING
E	B1. FUSE PANEL ASM
F	B2. INST PNL WIRING HARNESS
	B3. INST PNL WIRING HARNESS

SHEET	TITLE
G	B4. INST CSTR WIRING-10700
	B5. 10100-500
	B6. INST CSTR INSTALLATION
	B7. CTSY LAMP WRG & COMPT LT. SW.
	B8. LIGHT SW & CIG LIGHTER
	B9. DIM & STOP LAMP SW WRG
H	C1. DIR SIGNAL SWITCH
J	C2. BODY HARNESS ROUTING
K	C3. BODY HARNESS ROUTING
L	C4. SPEEDOMETER SHAFT
M	C5. RR LICENSE PLT LAMP WRG
	C6. BACKING LAMP SW INSTAL
	C7. REAR END LIGHTING

NOT ILLUSTRATED ON THIS SHEET

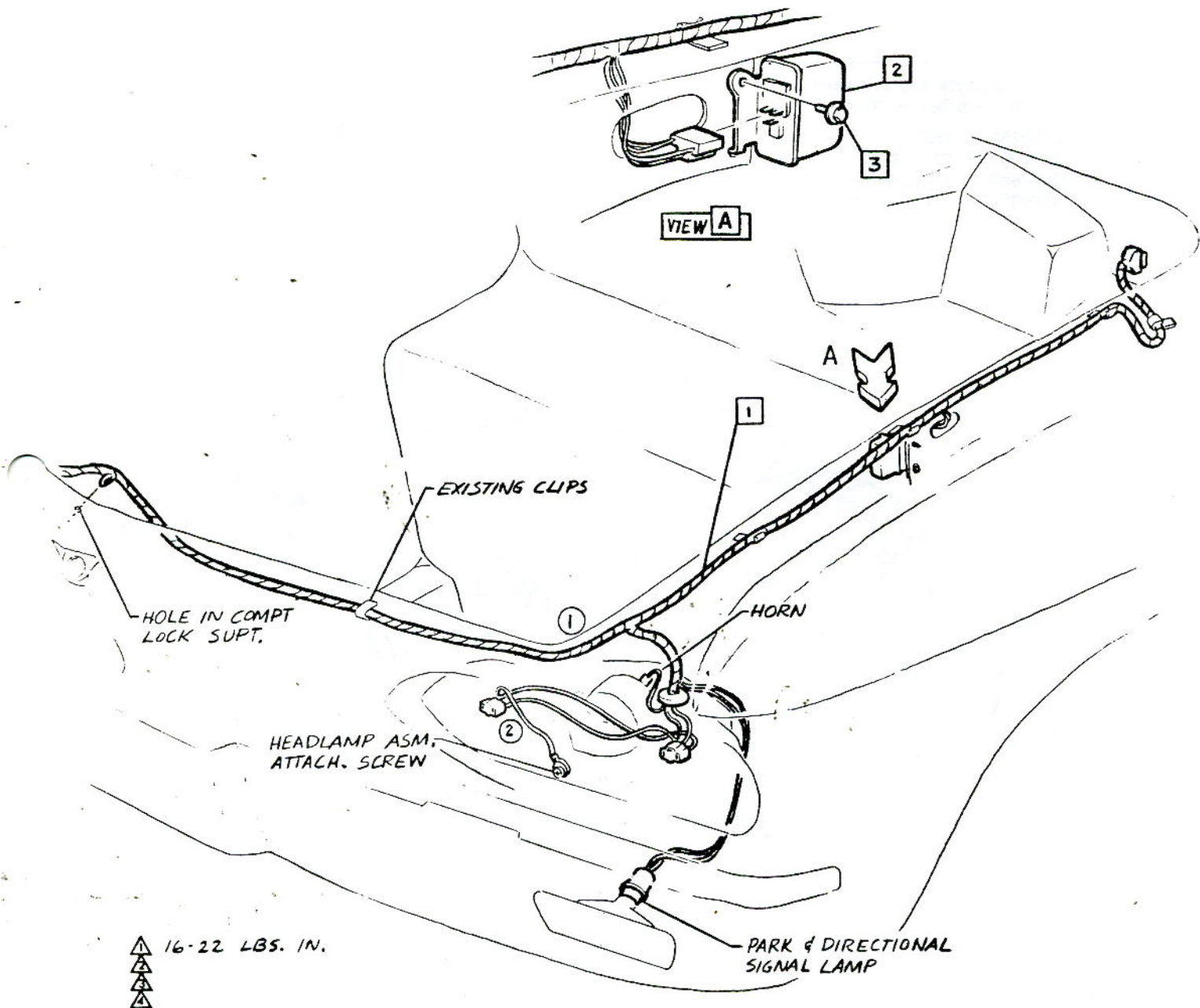
- D1. WRG DIAGRAM-FRT END
- D2. FUSE & INSTR PANEL
- D3. INSTR CSTR & BODY HARNESS
- D4. ENGINE & TAIL LAMPS



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CR
CONTENTS-ELECTRICAL				12		2	REDRAWN & REVISED			
10000				A1.						
DWG PREL 4-2	WO	REF: Proj. A1	L- 73250	L-						
DATE REL 4-2		L-	L-	L-						
				SHEET						



- ① 2989299 HARNESS ASM 10100
- ③ 2989360 10500-700
- ② 1115811 RELAY ASM
- ⚠ ③ 9419400 SCREW



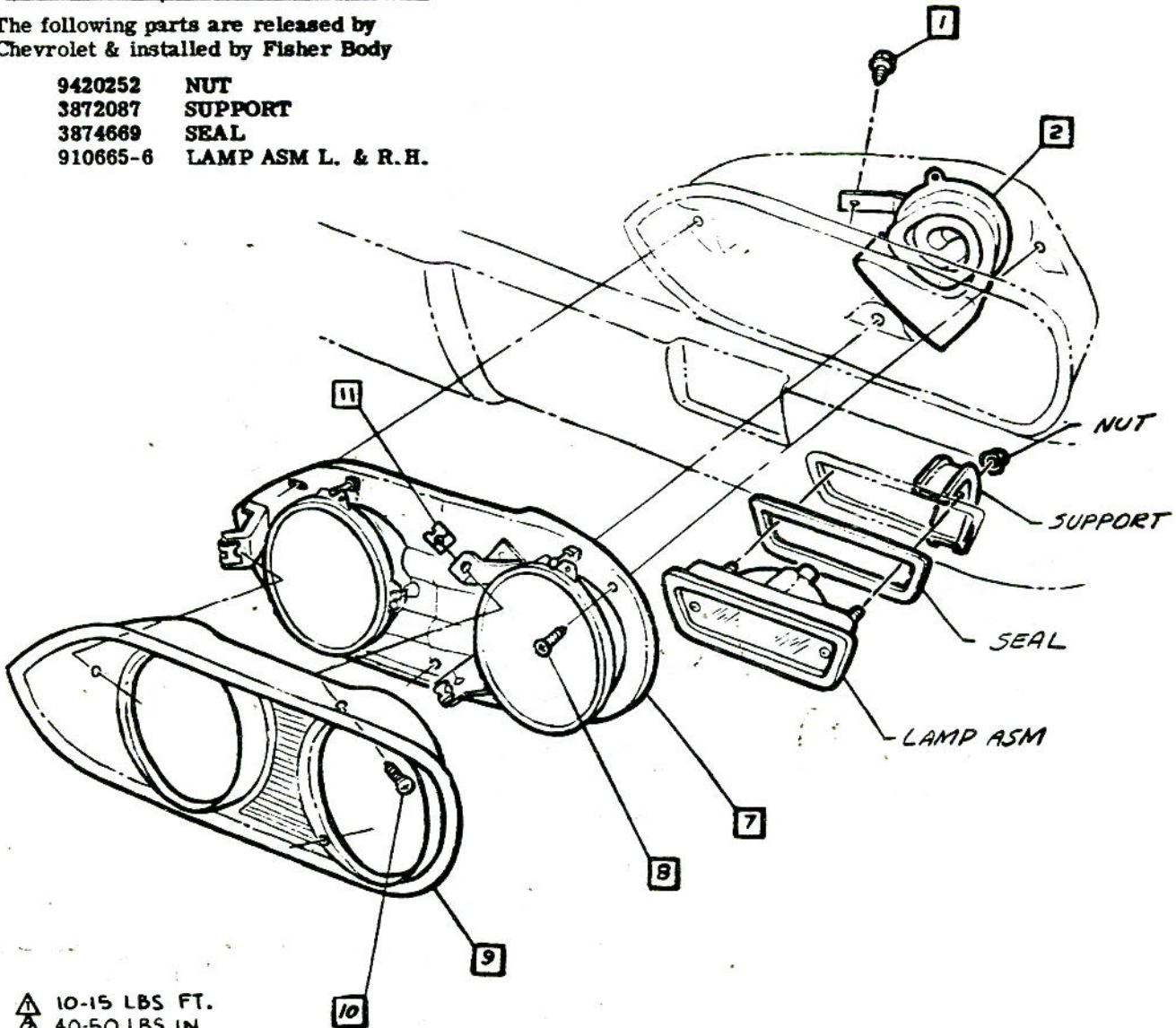
CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FORWARD HEADLAMP WIRING & HORN RELAY				12	7-2-64	1	EXISTING CLIP REMOVED	64369	WO	
						2	GROUND WIRE RELOCATED			DP
10000				A2.	8-5-64	3	WAS 2988021-2988022	65614	WO	DP
DWG PREL 3 20-64 WJO REF: Prel. A4 L-73258 L-				SHEET						
DATE REL 3-70 L- L- L-										

- ⚠ 1 3866066 SCREW ASM
- 2 9090539 HORN ASM L. H. SIDE
9000540 (10500-700) R. H. SIDE
- 3
- 4
- 5

- 6
- 7 5957465-6 LAMP ASM HEAD L. & R.H.
- ⚠ 8 9422724 SCREW
- 9 3850869-70 BEZEL L. & R.H.
- ⑦ ④ 10 3866852 SCREW
- ⑧ 11 9422242 NUT-J

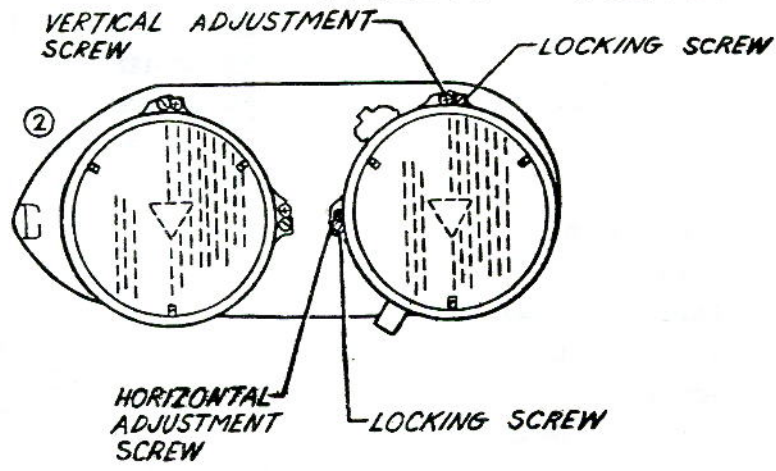
The following parts are released by Chevrolet & installed by Fisher Body

- 9420252 NUT
- 3872087 SUPPORT
- 3874669 SEAL
- 910665-6 LAMP ASM L. & R.H.



- ⚠ 10-15 LBS FT.
- ⚠ 40-50 LBS IN.
- ⚠ 25-35 LBS IN.
- ⚠ 3-7 LBS IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CX	
HEADLAMP, PARKING LAMP & HORN		12	10-23-64	6	REDRAWN & REDESIGNED 66536	67246	TH	DF	
10000			12-30-64	7	WAS 3839187 SCREW	65497	BR	CI	
DWG PREL. 3-23		A3.	1-19-65	8	WAS 3860140 NUT	15365	BR	CI	
DATE REL. 5-12			REF: Prel. A5 L-73488 L-						
L-		L-		L-		L-		L-	
		SHEET							



HEADLAMP AIMING

- Horizontal -

"When using a mechanical" type aimer incorporating a split image or equivalent, the aiming plane horizontal setting is $0^\circ \pm .40^\circ$. R.H. and L.H. aimers calibrated to read 0° when mounted on individual checking planes angled $.20^\circ$ to right for L.D. vehicles; $.20^\circ$ left for R.D. vehicles.

- Vertical - ①

"The aiming plane vertical setting is $0^\circ \pm .20^\circ$ using the same mechanical aimer incorporating a spirit level or equivalent and calibrated to read 0° when aiming plane is perpendicular to level.

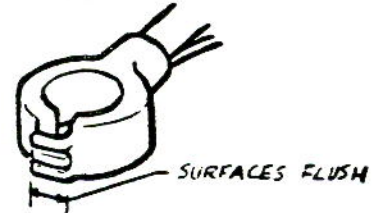
"Vehicle to be a curb minus gas weight and on a level area of transit accuracy for all four wheels".



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
HEADLAMP AIMING				12	3/16-64	1	WAS 0 ± .40°		TH	
10000						2	DRAWING REVISED	66305		DF
DWG PREL. 3-19 N.O.				A4.						
DATE REL. 3-19										
REF: Prel. A3 L- - L-				<input checked="" type="checkbox"/> SHEET						
L- L- L-										

- ⚠ 1 120376 NUT
- 2 446363 P. WASHER
- 3 3862900 RETAINER ASM
- 4 3695918 BOLT
- ⚠ 5 3848488 BOLT
- 6 378082 SPL WASHER
- 7 3848472 RETAINER
- ③ 8 2987281 CABLE ASM (POS)
- ⑩ 9 3864922 NUT-SPECIAL
- ⚠ 10 6257700 SCREW
- 11 2987251 CABLE ASM (NEG)
- 12 174915 L. WASHER
- ⚠ 13 9420415 SCREW

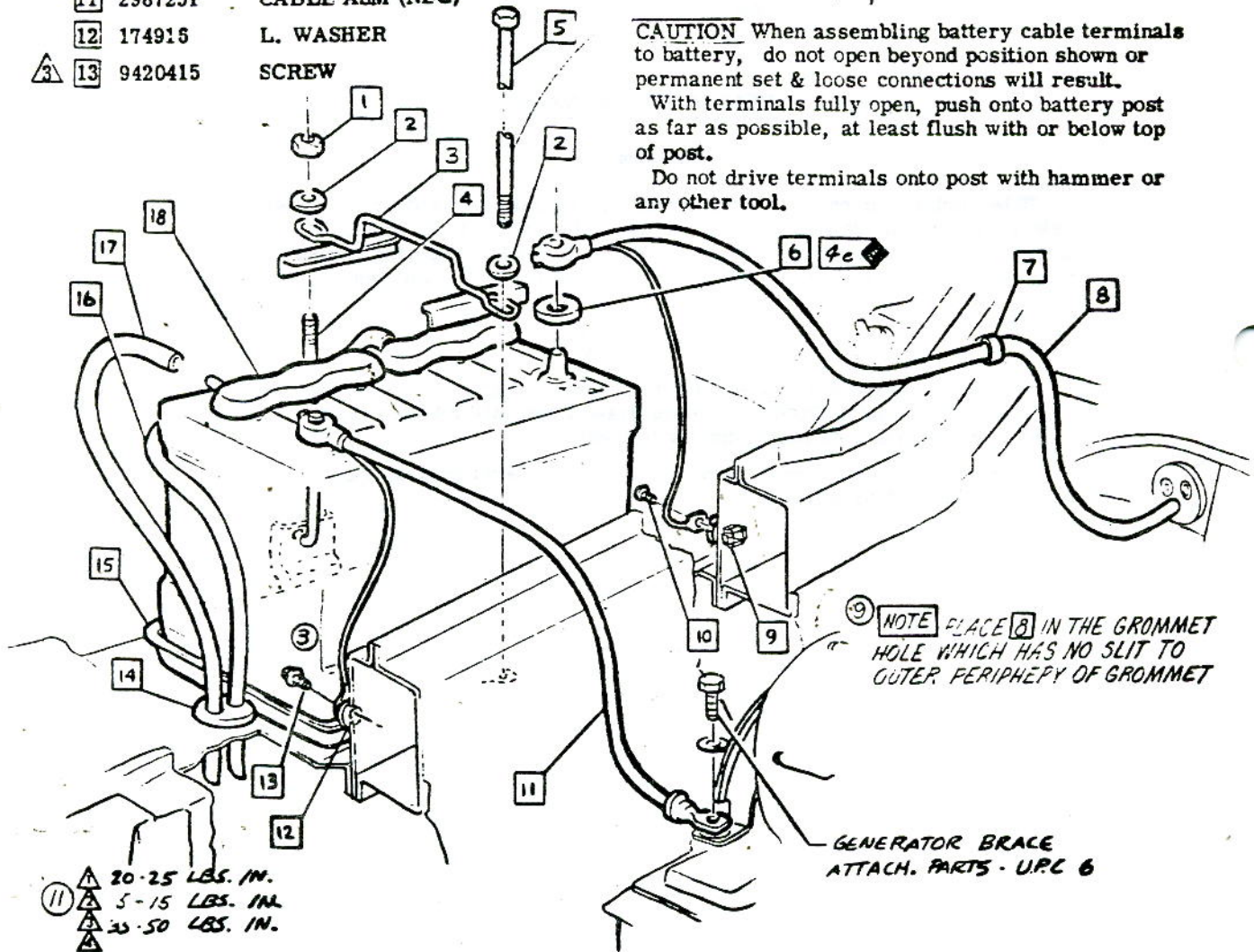
- 14 3874560 GROMMET
- 15 3854122 TRAY-BATTERY
- 16 3862902 HOSE-FRT
- 17 3862903 HOSE-REAR
- 18 1980007 BATTERY



CAUTION When assembling battery cable terminals to battery, do not open beyond position shown or permanent set & loose connections will result.

With terminals fully open, push onto battery post as far as possible, at least flush with or below top of post.

Do not drive terminals onto post with hammer or any other tool.



⑨ NOTE PLACE 8 IN THE GROMMET HOLE WHICH HAS NO SLIT TO OUTER PERIPHERY OF GROMMET

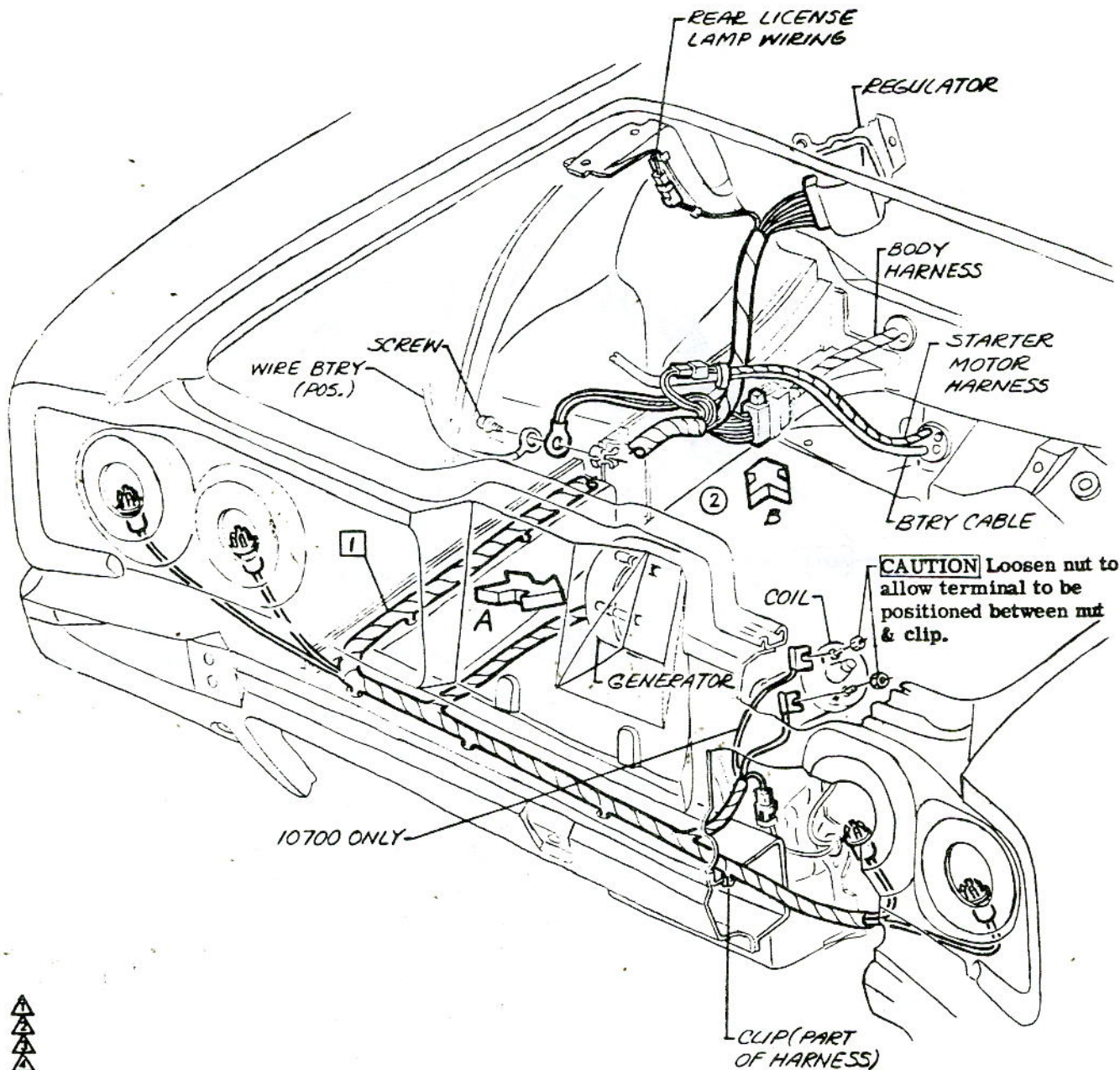
GENERATOR BRACE ATTACH. PARTS - U.P.C 6

- ⚠ 20-25 LBS. IN.
- ⚠ 5-15 LBS. IN.
- ⚠ 25-50 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC.				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
BATTERY & CABLES				12	10-22-64	8	WAS 2367264 CABLE	66037	BR	
						9	NOTE ADDED			
10000				A5.	4-23-65	10	WAS 3862668 NOTE DWS. REVISED	70143	KM	
						11	TORQUE (2) WAS 10-20 LBS. IN.			
DWG. REL. 3-17-64				W.O. REF. Proj. A2		L-73258		L-65030		
DATE REL. 3-17				L-		L-		L-		
				SHEET						

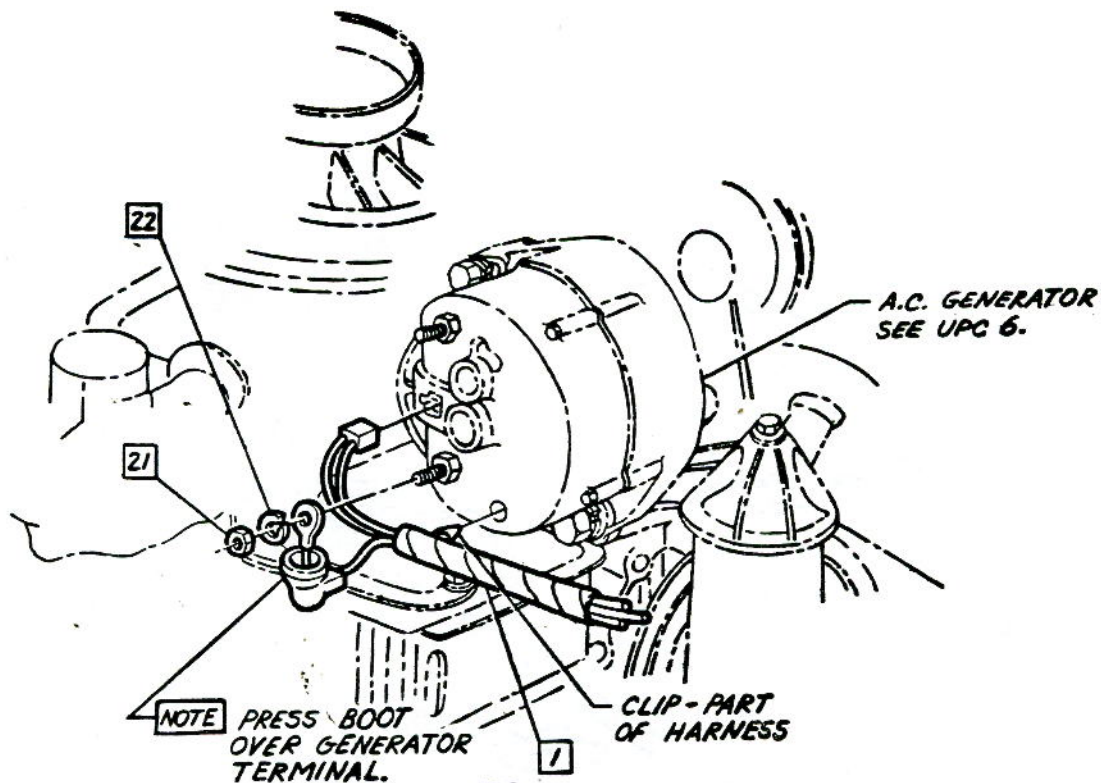
① 1 2989370
2989368
2989369

HARNESS ASM-ENG WIRING (10100)
(10500)
(10700)

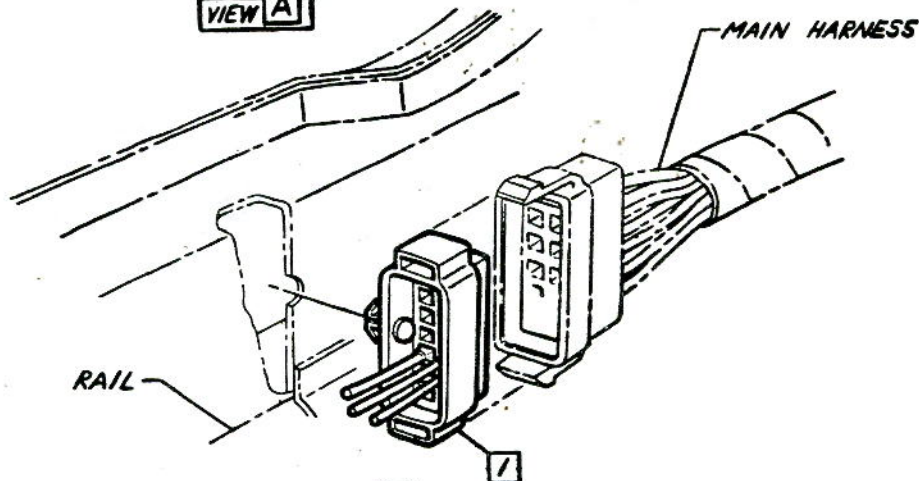


CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
ENGINE WIRING HARNESS				12	8-5-64	1	WHS 2988033-2988034-2988035	65916	W	DP
					10-8-64	2	DRAWING REVISED	15907	TH	DF
10000				REF A7						
DWG REL. 3-25				NO	REF. Prel. A7	L-73258	L-			
DATE REL. 3-25					L-	L-	L-			
				☒ SHEET						

- ▲ 21 121743 NUT
- 22 121744 L. WASHER



VIEW A



VIEW B

▲ 30-40 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DE	CK
ENGINE WIRING HARNESS		12						
10000		REF A6						
DWG. PREL. 3-31 / M.O. REF: Prod. A8 L-73258 L-		A7.						
DATE REL. 3-31 / L- L- L-		SHEET						



CHEVROLET

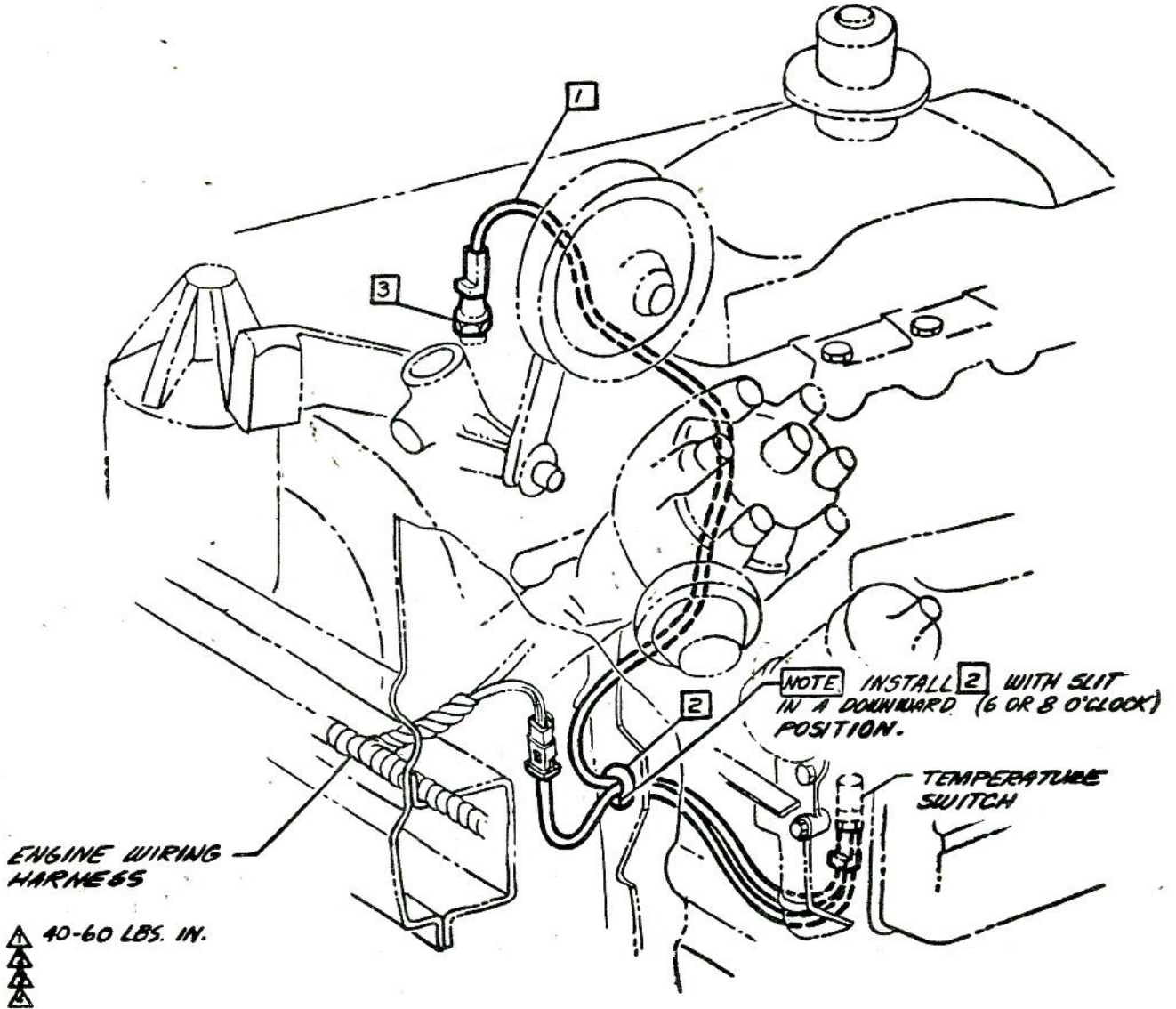
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 2988036 WIRING ASM (EXC 10700)
- 2 3708179 GROMMET

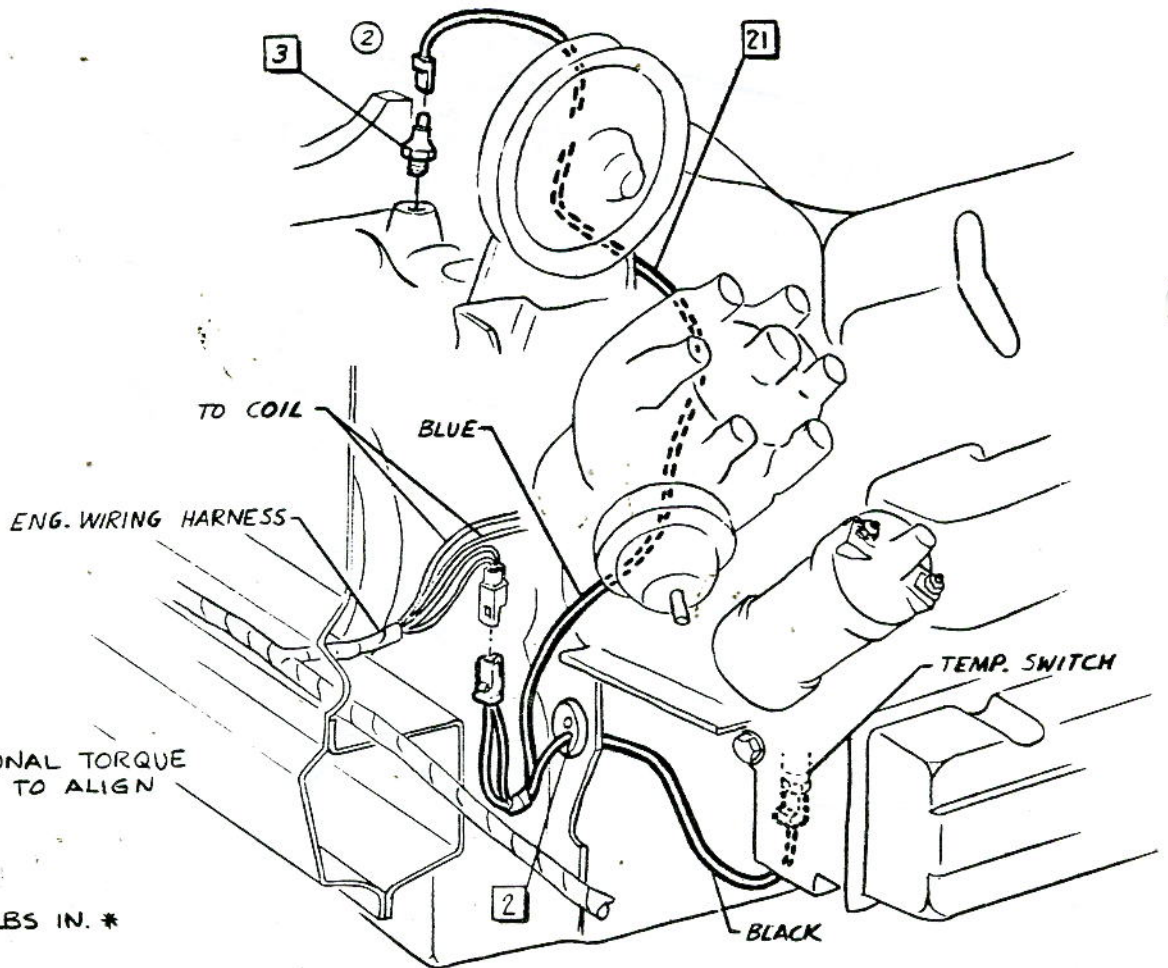
- 3 3818783 SWITCH ASM-OIL PRESSURE



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
OIL PRESSURE & ENGINE TEMPERATURE SWITCH WIRING				12						
10000				REF A9						
DWG PREZ 3-30	WJO	REF: Proj. A9	L- - L-	A8.						
DATE REL 3-30		L- L- L-	X SHEET							

21 2988037 WIRE ASM

①



* PLUS ADDITIONAL TORQUE
NECESSARY TO ALIGN
TEE

▲
▲ 40-60 LBS IN. *
▲

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
OIL PRESSURE & ENGINE TEMPERATURE SW. WIRING				12	9-29-64	1	3828680 TEE & (40-60 LBS IN) REMOVED	66467	TH	
						2	DRAWING REVISED			DF
10700				REF A8						
A9										
SHEET										
DWG PREL 3-30-64	W.O.	REF: Prel. A10	L - - L-							
DATE REL. 3-30		L - L - L-								



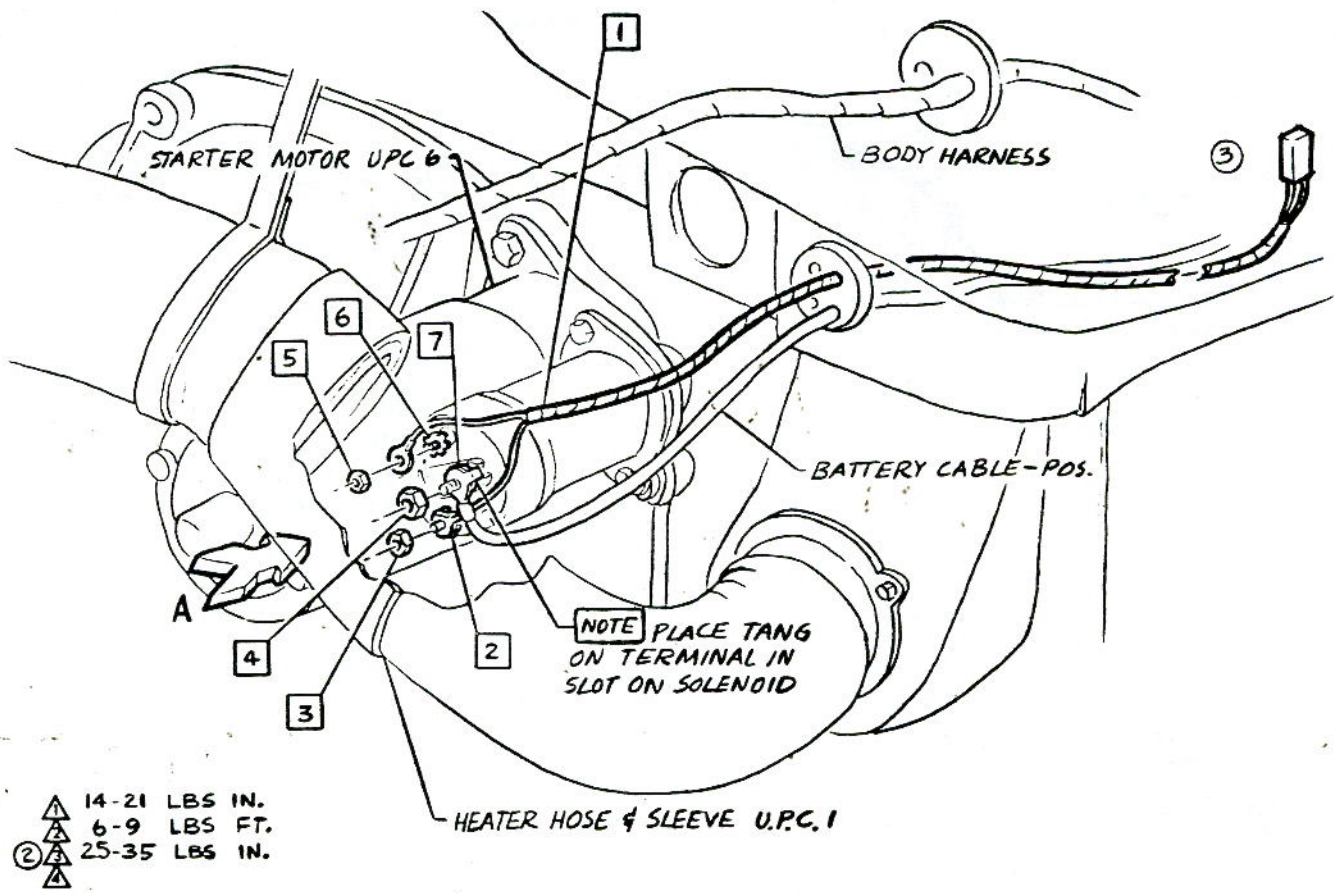
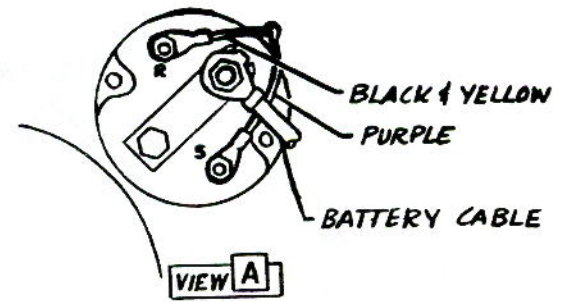
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- 1 2988038 WIRE ASM
- 2 121752 L. WASHER
- ⊠ 3 120622 NUT
- ⊠ 4 124829 NUT
- ⊠ 5 120614 NUT

- 6 138479 L. WASHER
- ① 7 138489 L. WASHER



- ⊠ 14-21 LBS IN.
- ⊠ 6-9 LBS FT.
- ② ⊠ 25-35 LBS IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
STARTER MOTOR WIRE ASM		12	7-7-64	1	WAS 100002	64798	WD	DP
			8-17-64	2	TORQUE (3) WAS 23-35 LBS. IN.	66060	WD	DF
			10-23-64	3	DRAWING REVISED	15907	TH	DF
10000		A10.						
DWG PREL. 2-26-64	WD		REF: Prel. A6	L-73258	L-			
DATE REL. 3-24								
		☑ SHEET						

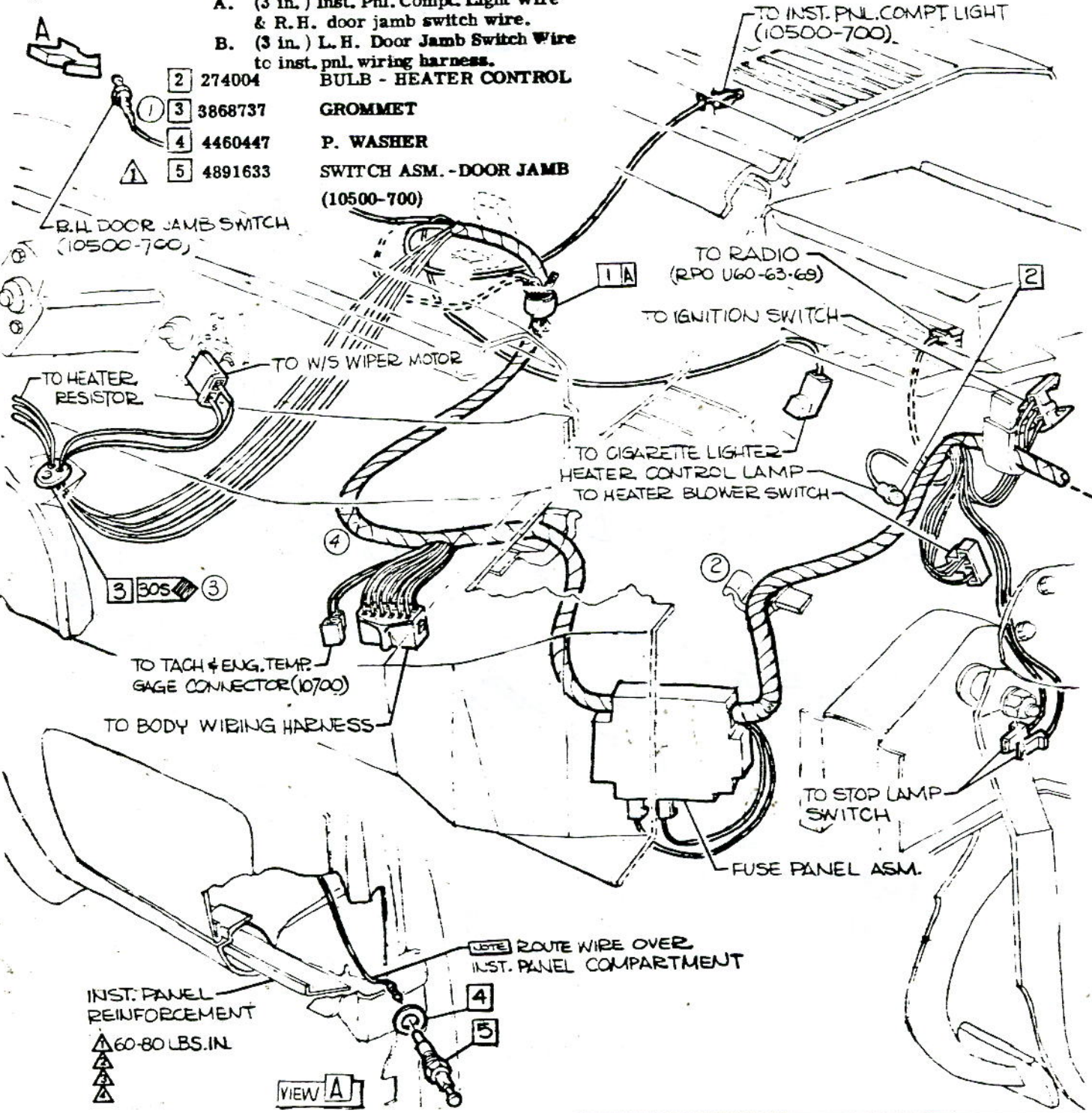


ASSEMBLY INSTRUCTIONS

1 3747298 TAPE (6 IN.) (10100) 3862100 CORVAIR 10000 SERIES

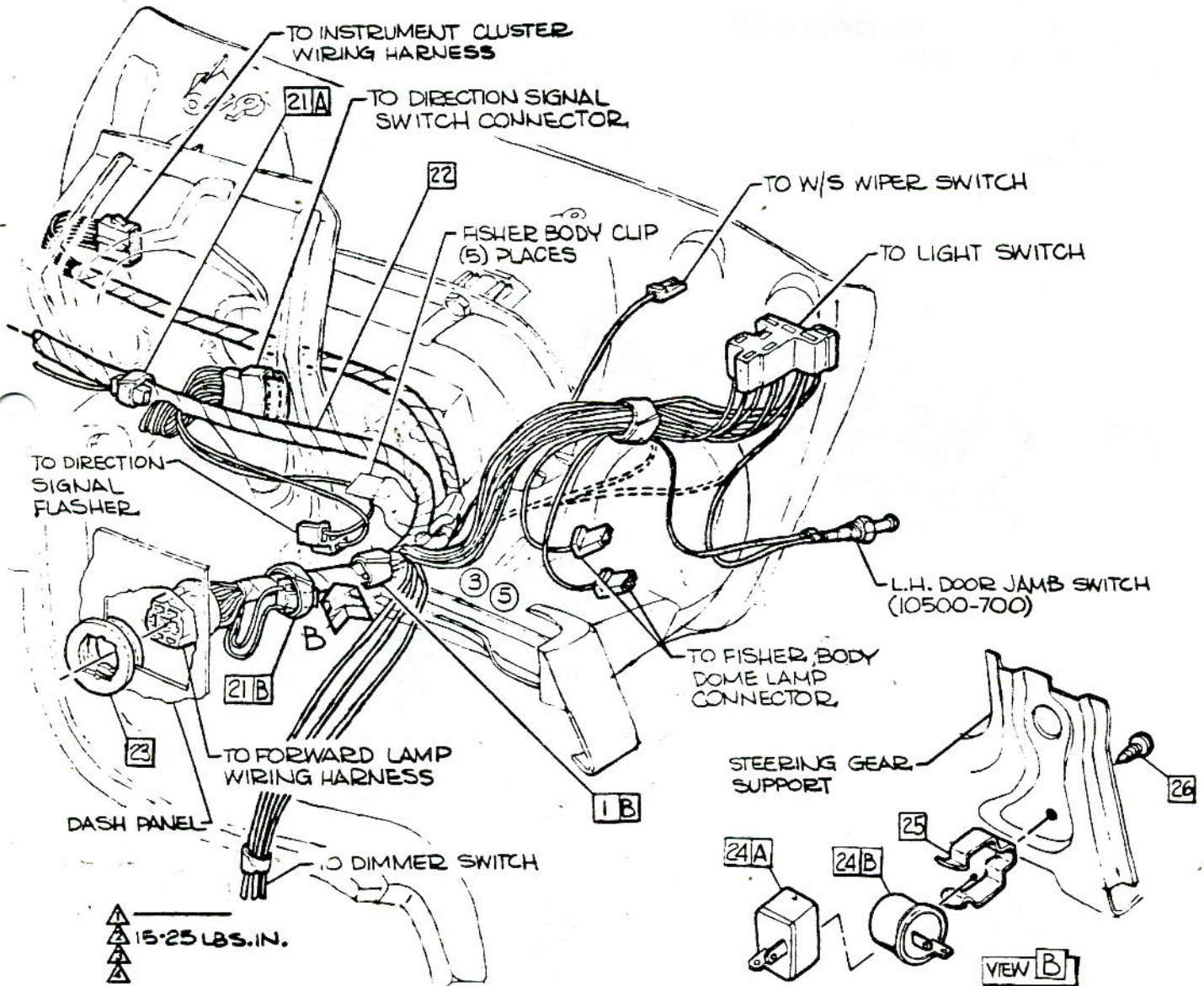
A. (3 in.) Inst. Pnl. Compt. Light Wire & R.H. door jamb switch wire.
 B. (3 in.) L.H. Door Jamb Switch Wire to inst. pnl. wiring harness.

- 2 274004 BULB - HEATER CONTROL
- 3 3868737 GROMMET
- 4 4460447 P. WASHER
- 5 4891633 SWITCH ASM. - DOOR JAMB (10500-700)



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
INSTRUMENT PANEL WIRING HARNESS				12	6-25-64	1	INS 336-22 GROMMET	64512	PR	AF
					9-16-64	2	CLIP DRAWING REVISED	15683	PR	AF
10000				REF B 3 B2.	11-3-64	3	SYMBOL "30S" ADDED	5858	PR	AF
					5-11-65	4	CLIP DWG. REMOVED	15980	MB	CJ
DWG PREL 2-27				FTR REF: Prel. B3		L-73258		L-65003		
DATE REL 5-18				L-		L-		L-		
				<input checked="" type="checkbox"/> SHEET						

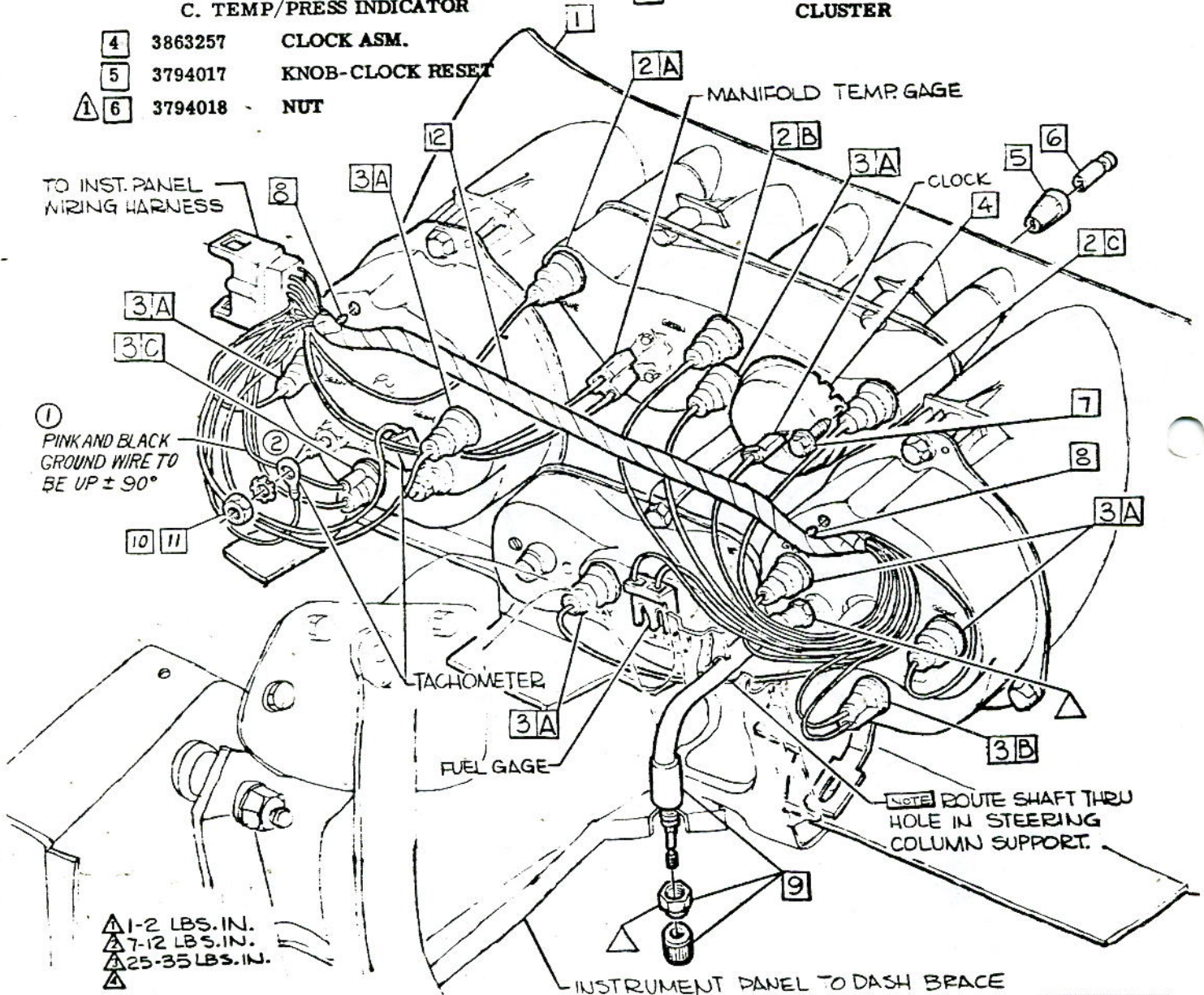
- ① 22 2989240 HARNESS ASM. (10100-500)
- 22 2989241 (10700)
- 23 2962568 GROMMET
- ④ ② 24 A. 383638 FLASHER ASM.
- B. 383639 OPT.
- 25 3866440 CLIP
- ② 26 9419328 SCREW



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYN	REVISION RECORD	AUTH.	DR.	CL.
INSTRUMENT PANEL WIRING HARNESS		12 REF B 2 B3.	6-25-64	1	WAS 2980023 & 298025 HARNESS	6407	PE	
10000			8-17-64	2	3866906 WAS 383638	64029	DF	
DWG PREL. 2-27			10-5-64	4	HARNESS BREAKOUT REVISED	66060	PR	DF
DATE REL 5-18					383638 & 383639 WAS	66955	PR	
REF: Prel. B4 L-73258 L-65003					3866906 & 3866806			
L- L- L-		SHEET		5	LIGHT SWITCH BREAKOUT REVISED	66467	DF	

- 1** 6455028 CLUSTER
- 2** 274004 BULB
 - A. R. H. DIRECTION INDICATOR
 - B. HI-BEAM INDICATOR
 - C. L. H. DIRECTION INDICATOR
- 3** 9417863 BULB
 - A. INSTRUMENT CLUSTER
 - B. GEN/FAN INDICATOR
 - C. TEMP/PRESS INDICATOR
- 4** 3863257 CLOCK ASM.
- 5** 3794017 KNOB-CLOCK RESET
- 6** 3794018 NUT

- 7** 9419699 SCREW
- 8** CLIP (PART OF HARNESS)-PLUG INTO INSTRUMENT CLUSTER (2) PLACES.
- 9** 1586301 SHAFT ASM. -TRIP ODOMETER
- 10** 120614 NUT
- 11** 138479 L. WASHER
- 12** 2988027 HARNESS ASM. -INSTRUMENT CLUSTER

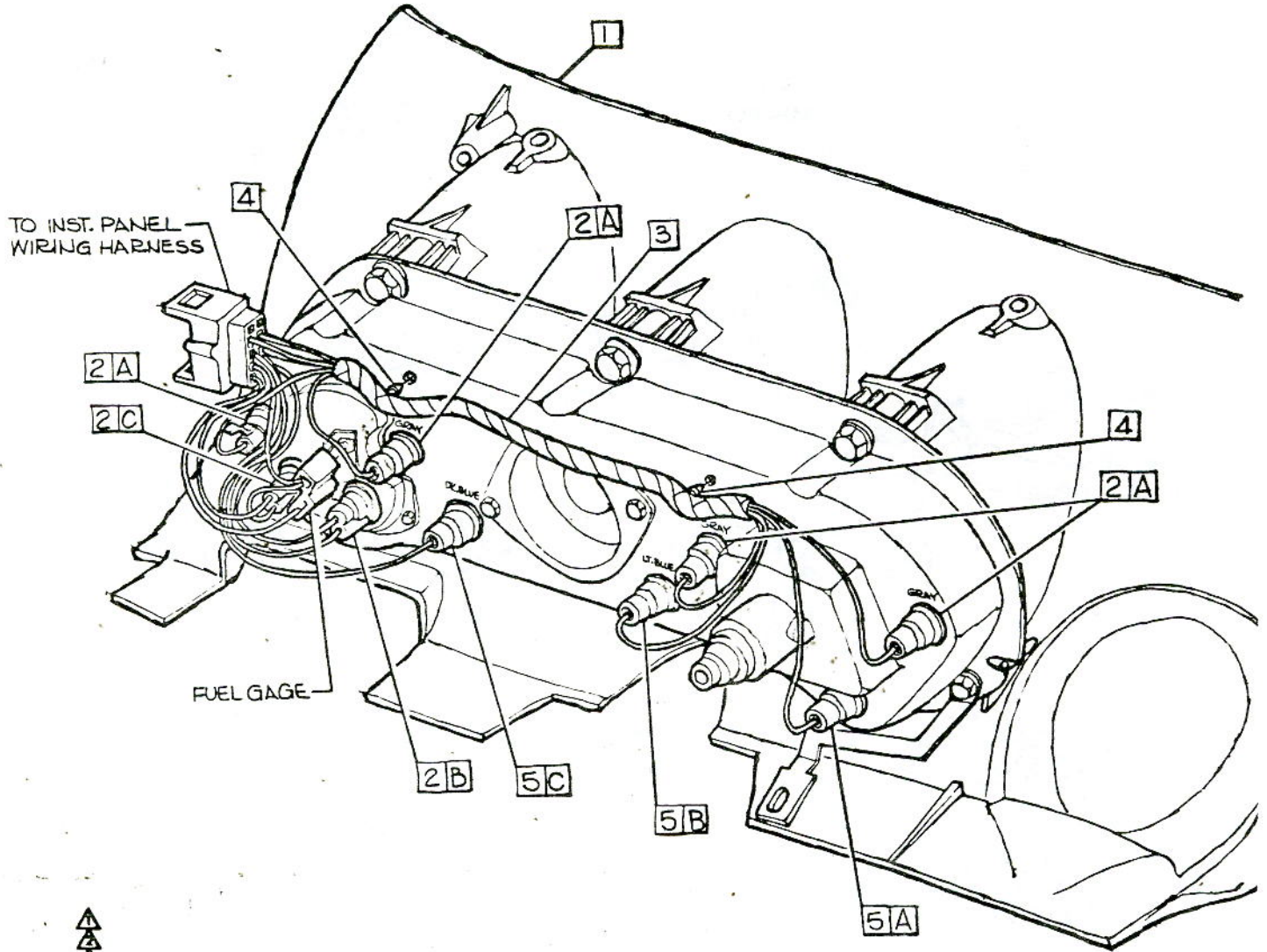


● CHEVROLET MOTOR DIVISION, GMC ●		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
INSTRUMENT CLUSTER WIRING		12	2-23-65	1	"WIPE" NOTE ADDED	65473	JT.	
10700		B4.		2	"SOCKET" DRAWING REVISED			CI
DWG PREL 3-2	PHR.	REF: Prel. B6	L-65002L-73258					
DATE REL 5-13		L-65017	L-74737 L.					
		<input checked="" type="checkbox"/> SHEET						



- 1 6455114 CLUSTER ASM (10100)
6455110 (10500)
- 2 9417863 BULB
 - A. Instrument cluster
 - B. Gen/Fan indicator
 - C. Temp/Press. indicator

- 3 2988026 HARNESS ASM-INST CLUSTER
- 4 CLIP-(Part of Harness)-Plug into instrument cluster (2) places.
- 5 274004 BULB
 - A. Hi-beam indicator
 - B. L.H. direction indicator
 - C. R.H. direction indicator.



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYN	REVISION RECORD	AUTH.	DR	CK
INSTRUMENT CLUSTER WIRING				12						
10100-500				B5.						
DWG PREL. 3-5	PHR	REF: Prel. B7	L-73258	L-65017						
DATE REL 3-5		L-	L-	L-						
				SHEET 1X						



CHEVROLET

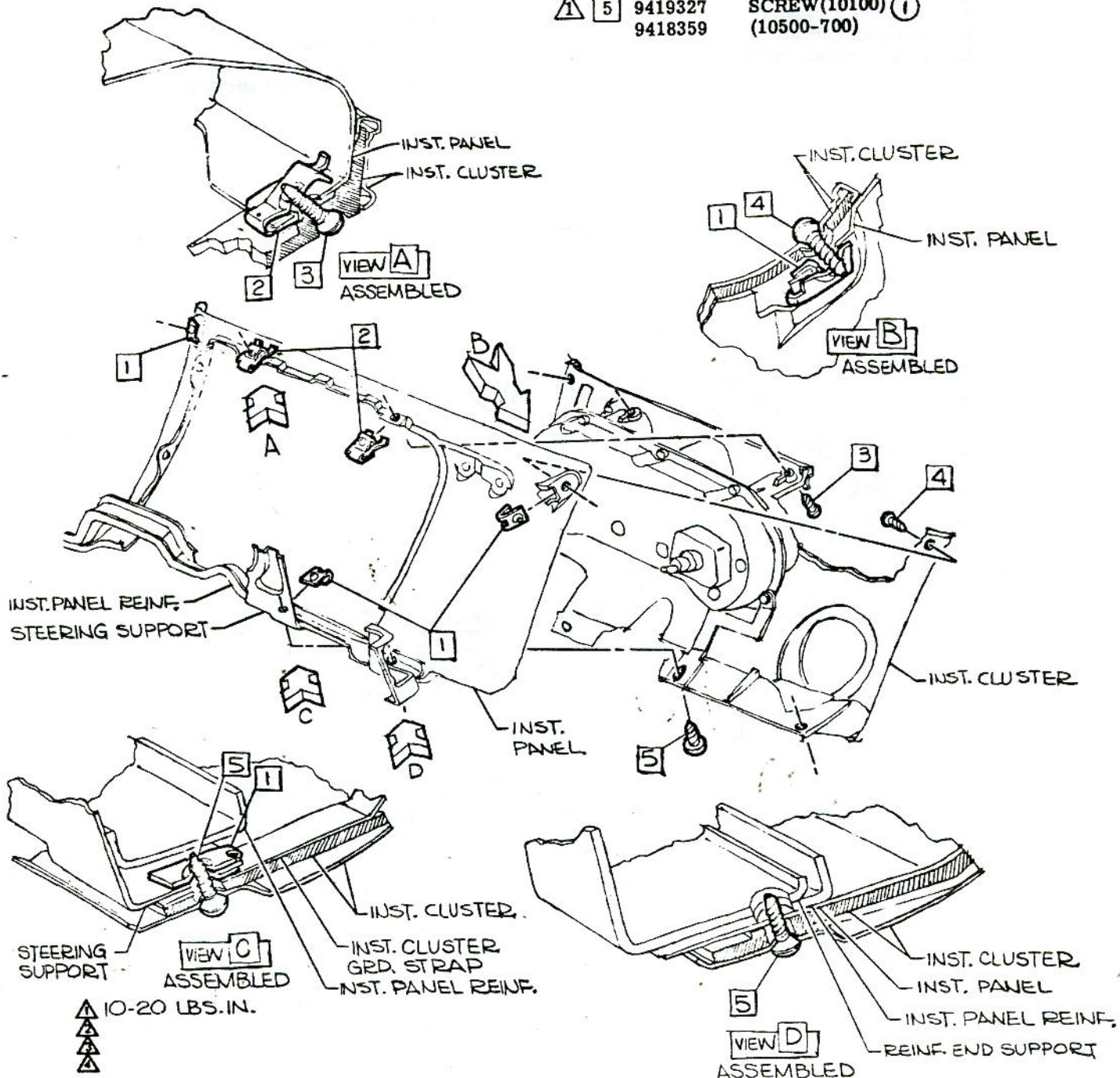
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 3860140 NUT
- 2 3861835 NUT

- ① 3 3849634 SCREW
- ② ① 4 3839187 SCREW (10100-500)
- 3849634 (10700)
- ① 5 9419327 SCREW (10100) ①
- 9418359 (10500-700)



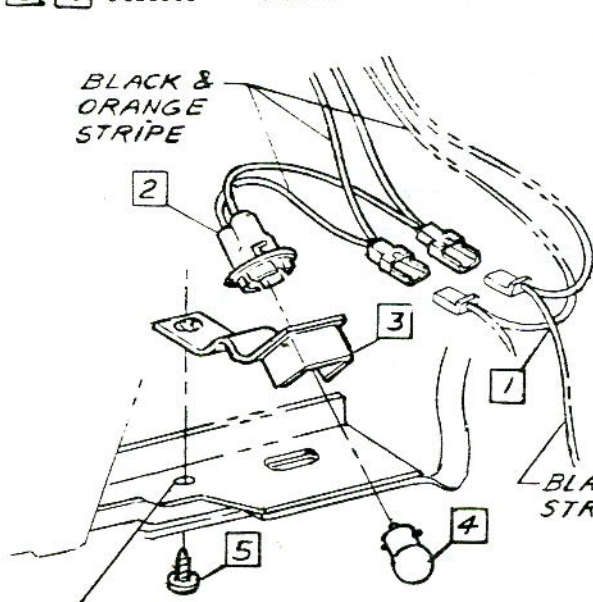
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
INSTRUMENT CLUSTER INSTALLATION		12	6-25-64	1	34,5327 (10100) WAS 9415464	64213	FR	
						9418359 ADDED		
10000		B6.	7-10-64	2	(10100-500) & 3849634 (10700)	65238	PR	
						ADDED		
DWG PREL 3-9		X SHEET	REF: Prel. B9 L-65017 L-					
DATE REL 5-13			L- L- L-					



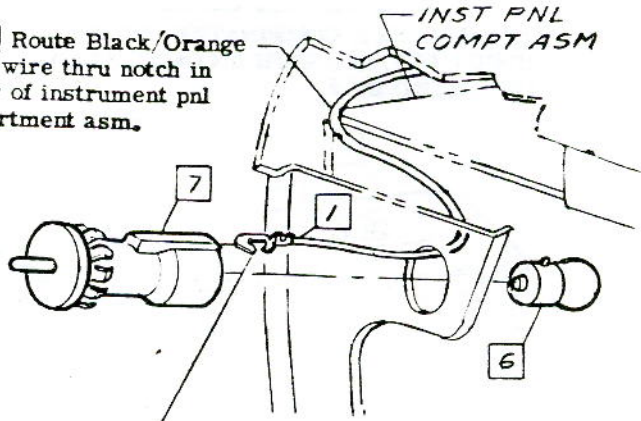
ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- | | | | | | |
|---|---|-------------------------------|---|---------|----------------------|
| ① | 1 | INST PANEL HARNESS ASM | ⑥ | 9417863 | BULB |
| ② | 2 | 2989245 WIRE ASM 10000 (CONV) | ⑦ | 3870209 | SWITCH ASM-COMPT LGT |
| ③ | 3 | 4442679 SUPPORT-LAMP | | 3859328 | OPT. |
| ④ | 4 | 193125 BULB | | | |
| ⑤ | 5 | 9418359 SCREW | | | |



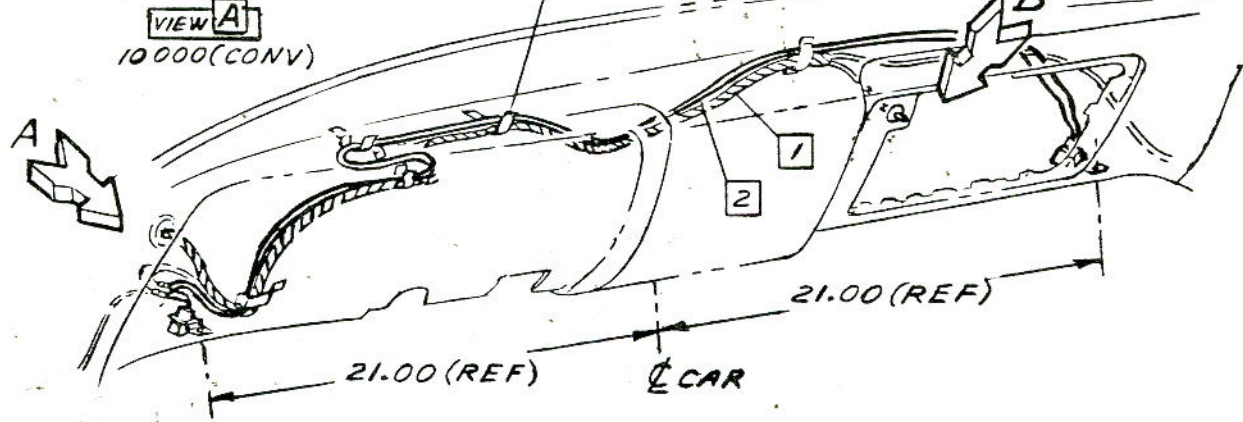
NOTE Route Black/Orange stripe wire thru notch in corner of instrument pnl compartment asm.



NOTE Terminal must be assembled to switch before bulb can be properly installed.

VIEW B

LH SIDE: HOLE THRU INST. PNL. REINF, INST. PNL, CLUSTER SUPT. & CLUSTER TRIM.
RH SIDE: HOLE THRU INST. PNL. REINF, INST. PNL & INST. PNL TRIM



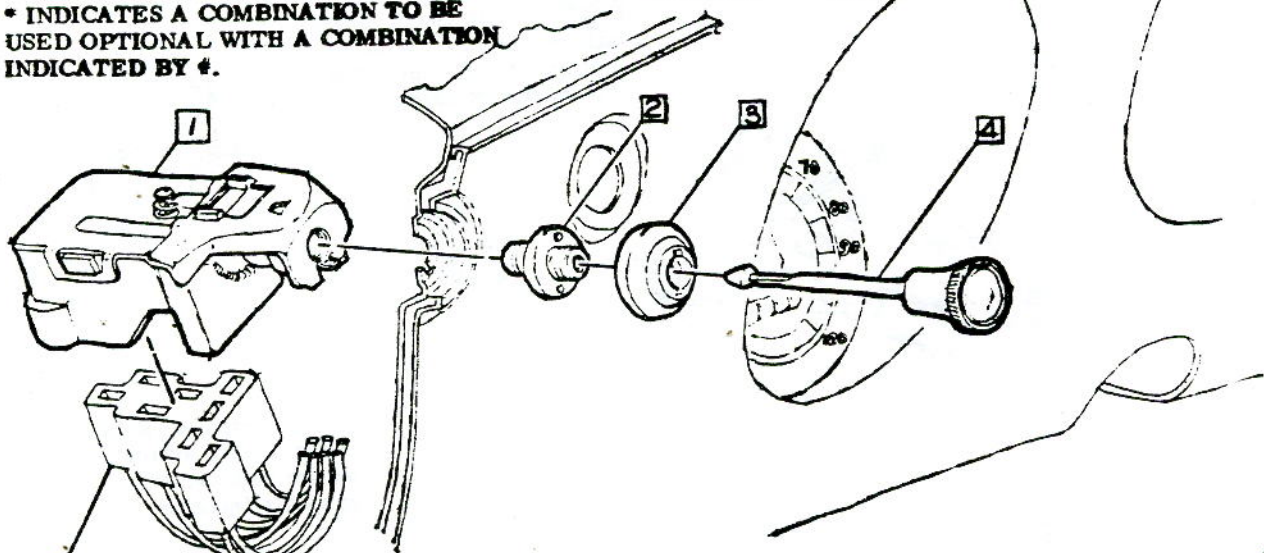
▲ 10-15 LBS IN.
▲
▲
▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYN	REVISION RECORD	AUTH.	DR	CK
COURTESY LAMP WIRING & INST. PNL. COMPARTMENT LIGHT SWITCH		12	6-25-64		REV 2725340 N REASM.	84607	PR	DF
10500-700		B7.	7-10-64	2	3780209 WAS 3859327	65297	PR	DF
DWG PREL 3-4 PR/REF: Prel. BB L-73258-L		SHEET	10-13-64	3	3870209 WAS 3780209	65297	PR	DF
DATE REL 5-13 L-75164 L-		<input checked="" type="checkbox"/>	3-11-65	4	(5) PLACES WAS (6) & CLIP	15980	MB	
					DWG. REVISED			CI

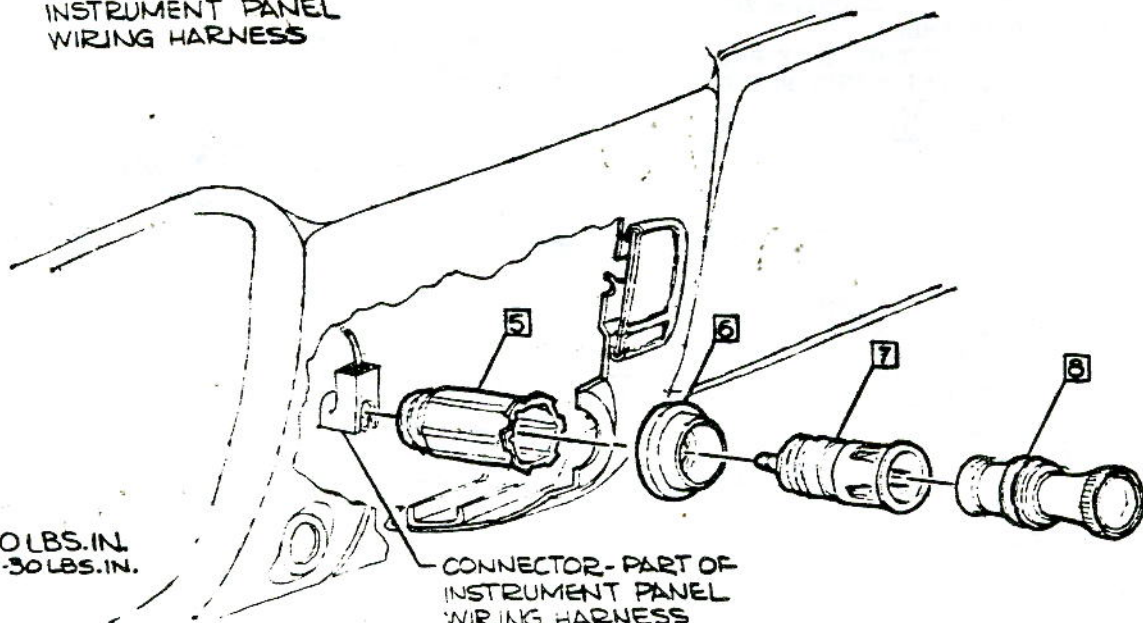


- 1 1995123 SWITCH ASM.-LIGHT (EXC. 10700)
- 1995122 (10700)
- ① 2 3862680 NUT ASM.
- ① 3 3862380 BEZEL
- 4 3860104 ROD ASM.
- △ 5 *3794299 #7002184 RETAINER-CIGARETTE LIGHTER OPT.
- 6 3863020 BEZEL
- 7 *3794298 #7028564 HOUSING ASM. OPT.
- 8 *3861472 #7028979 KNOB ASM. OPT.

* INDICATES A COMBINATION TO BE USED OPTIONAL WITH A COMBINATION INDICATED BY #.



CONNECTOR - PART OF INSTRUMENT PANEL WIRING HARNESS



CONNECTOR - PART OF INSTRUMENT PANEL WIRING HARNESS

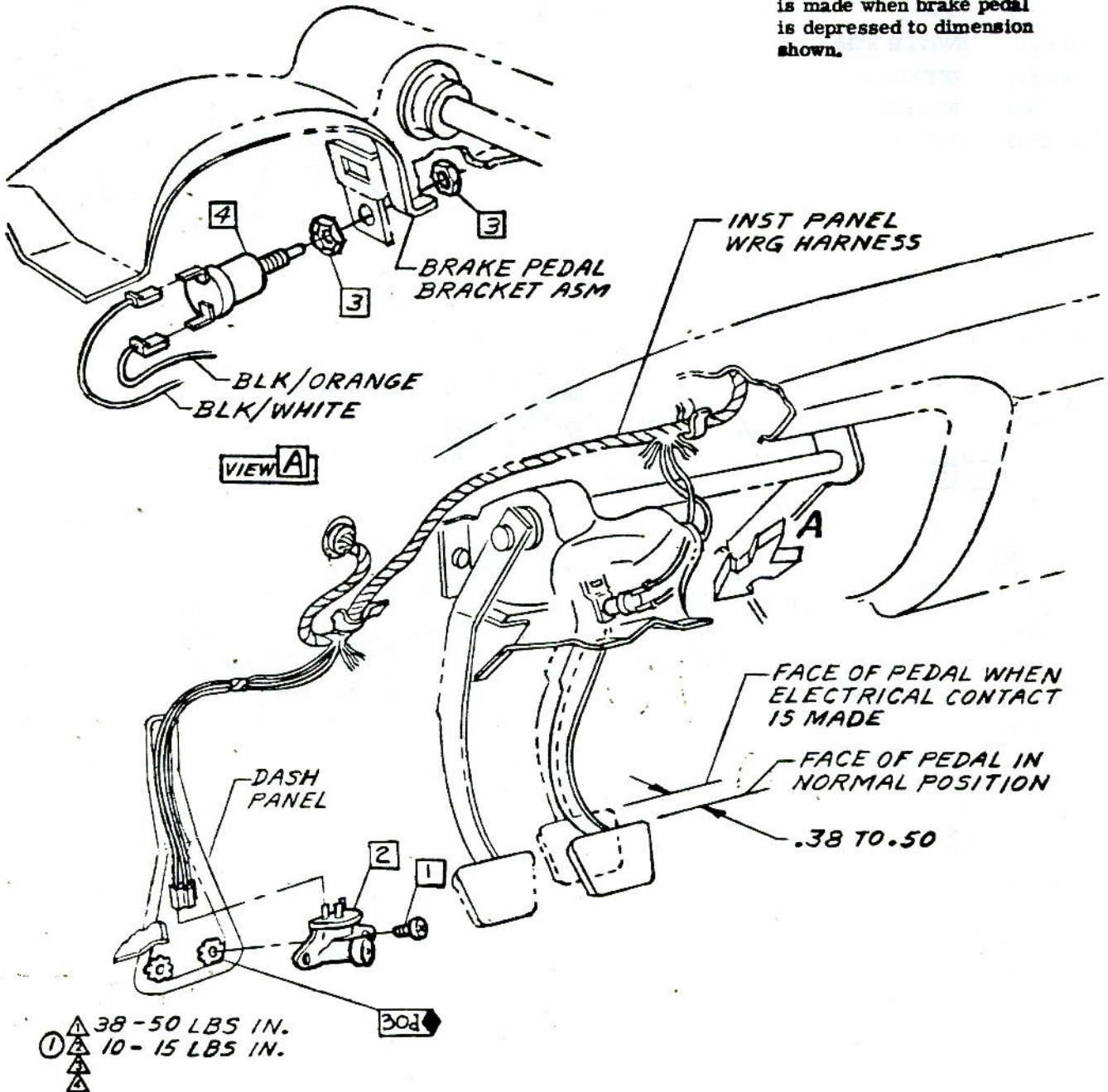
- △ 8-10 LBS. IN.
- △ 20-30 LBS. IN.
- △
- △

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
LIGHT SWITCH & CIGARETTE LIGHTER		12	5-4-65	1	TORQUE WAS 8-10 LBS. IN. 2 PLACES			
10000		B8.						
DWG PREL 2-15	PHR REF: Part. B1 L-73182 L-73258							
DATE REL 5-73	L-73057 L-							
		<input checked="" type="checkbox"/> SHEET						

- ⚠ 1 191985 SCREW ASM.
- 2 1997028 SWITCH ASM. -DIMMER
- ⚠ 3 9420171 NUT

- 4 1993509 SWITCH ASM. OPT.
- 3825257

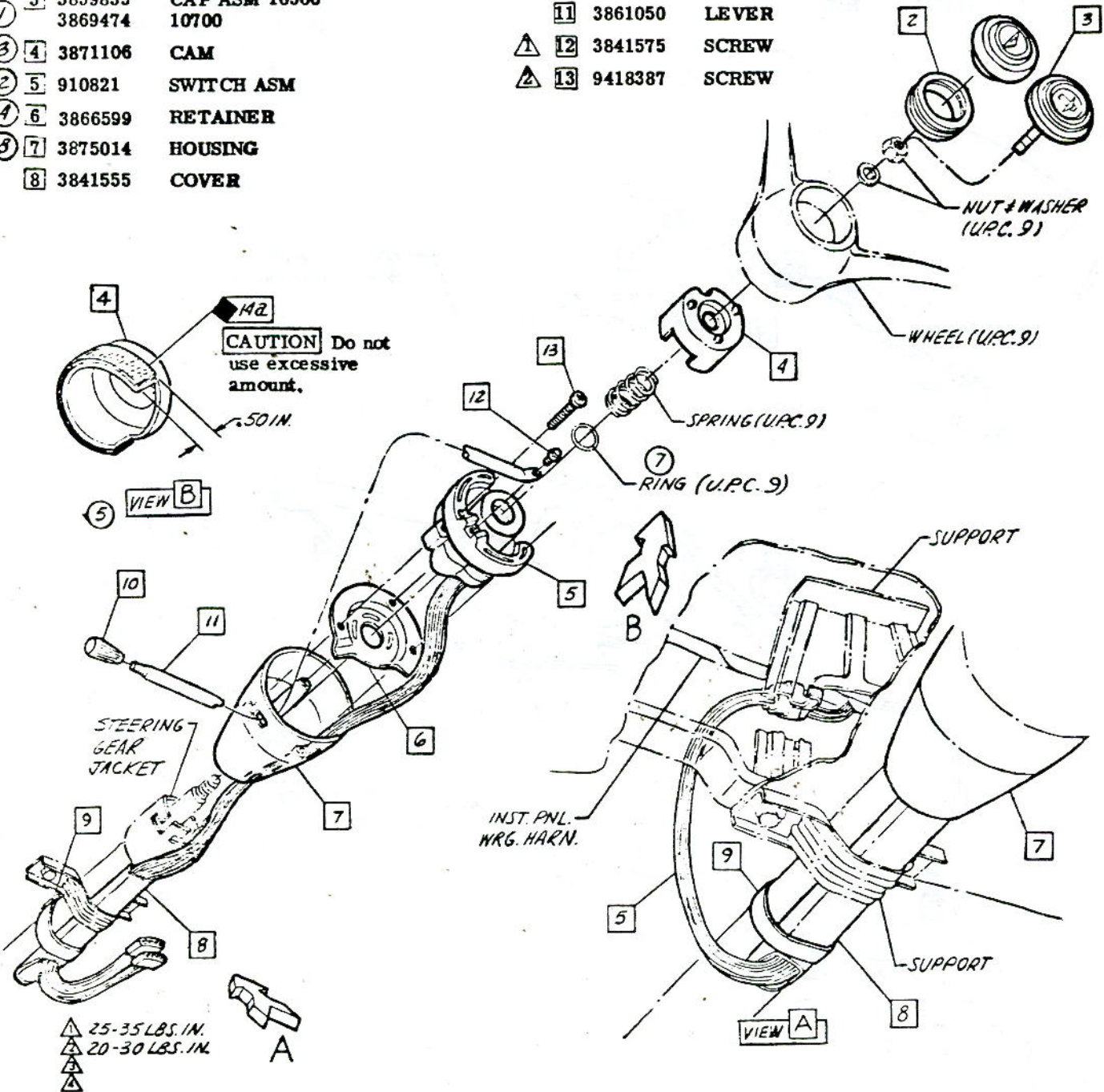
After adjustment of brake pedal, adjust switch asm. so that electrical contact is made when brake pedal is depressed to dimension shown.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
DIMMER & STOP LAMP SWITCH WIRING		12	5-4-65	1	TORQUE (2) WAS 20-25 LBS. IN.	70791	LS	C1
10000		B9.						
DWG PREL 2-29	DR/FR REF: Pral. B5 L-							
DATE REL 5-13	L-65003L-							
		SHEET						

- 1 3859834 CAP 10100
- 2 764427 RING 10100
- 3 3859835 CAP ASM 10500
- 3869474 10700
- 4 3871106 CAM
- 5 910821 SWITCH ASM
- 6 3866599 RETAINER
- 7 3875014 HOUSING
- 8 3841555 COVER

- 9 3724851 TAPE (APPROX 3 IN. TAPE COVER TO STEERING GEAR JACKET)
- 10 3782965 KNOB
- 11 3861050 LEVER
- 12 3841575 SCREW
- 13 9418387 SCREW

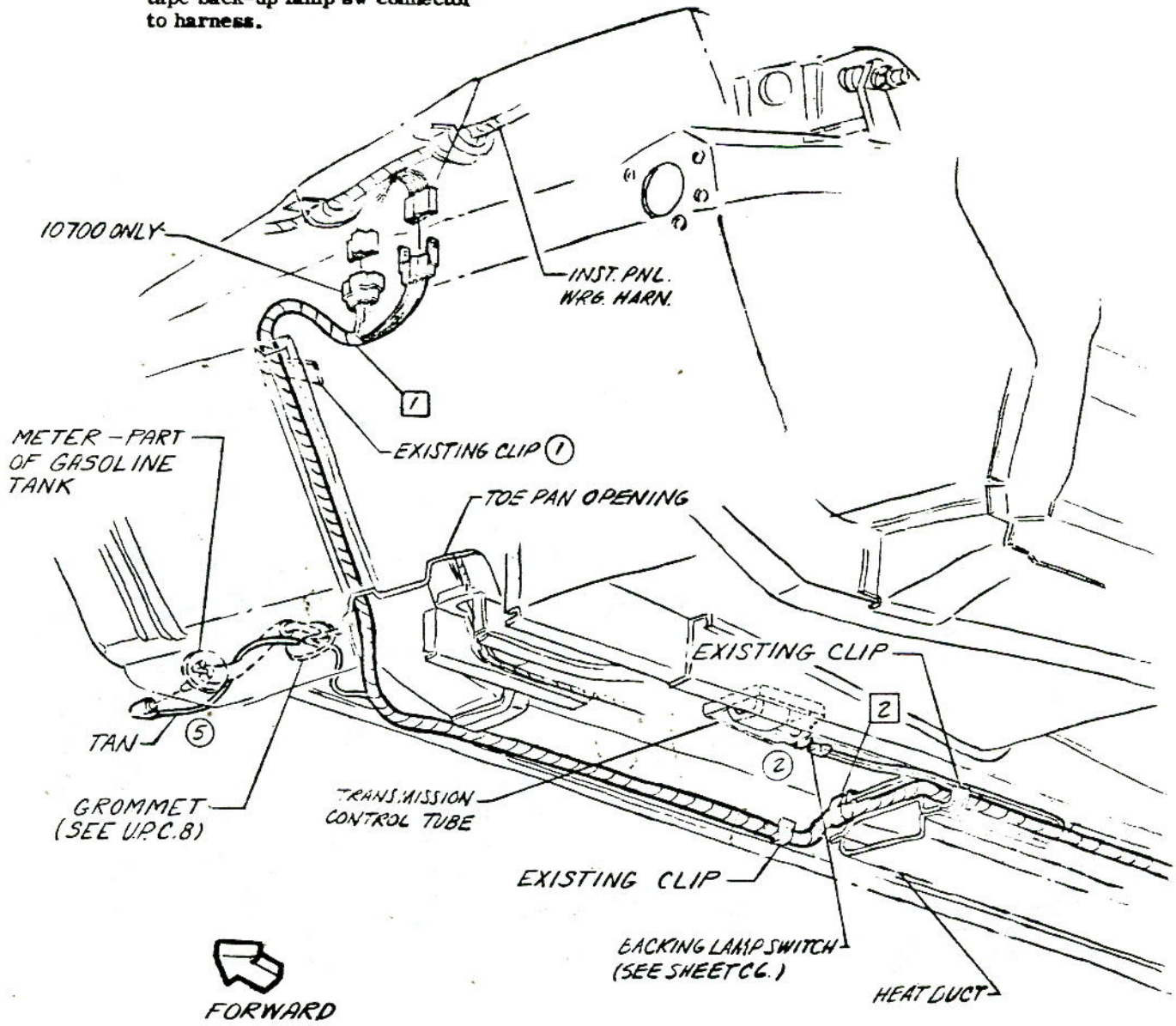


* CHEVROLET MOTOR DIVISION, GMC *		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK	
DIRECTION SIGNAL SWITCH		12	7-7-64	1	3869474 C-F REVISED	64894	WF		
				2	WAS 910746 SWITCH	61706		DP	
			7-25-64	3	W-S 3861049 CAM	65709	WF		
				4	WAS 3852139 RETAINER	63392			
				5	VIEW B ADDED	65681		DF	
			9-22-64	6	WAS 3793788 FASTENER	15875	WF	DF	
			1-25-65	7	WAS SLEEVE	67250	AP		
				8	WAS 3861048 HOUSING				CI
10000		CI.							
DWG PREL 3-6	REF: Prel. C-5		L-71683	L-					
DATE REL 3-6-64	L-	L-	L-						
		SHEET							



- ③ ① 2989280
- ④ 2989281
- ② 3724851

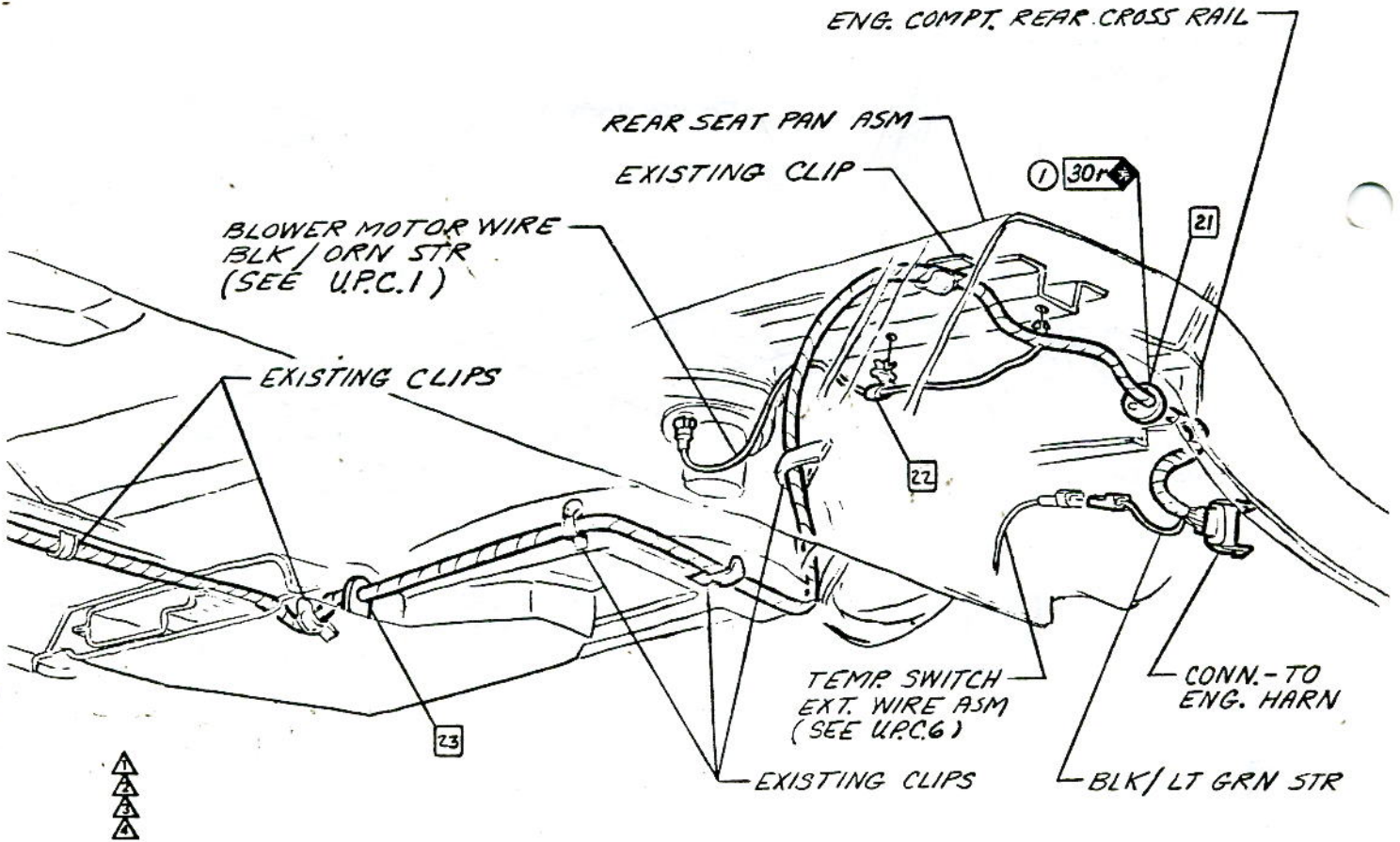
HARNES ASM-BODY (10100-500)
(10700)
TAP (6 INCHES) 10100- Used to
tape back-up lamp sw connector
to harness.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
BODY HARNESS ROUTING		12	7-7-64	1	EXIST. CLIP ADDED	65056	W	DF	
				2	DRAWING REVISED	65056	W		
				3	PREL. 5280 HAS 2985028 HARNESS				
				4	2989281 HAS 2989031 HARNESS				
				5	FUEL TANK WIRE REROUTED				H6
10000		REF C3							
DWG PREL 3-11-64		C2.							
DATE REL 3-11-64		REF: Prel. C6 L-73258L							
		L- L- L-							
		✓ SHEET							



- 21 3861296 GROMMET
- 22 3848472 RETAINER
- 23 3861298 GROMMET



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
BODY HARNESS ROUTING & GROMMETS				12	12/14/64	1	SYM. 30P ADDED	15858	BR	CI
					REF C2					
10000				C3.						
DWG PREL 3-11-64					REF: Prel. C7 L-73258 L-		L- L- L-			
DATE REL 3-11-64				SHEET						

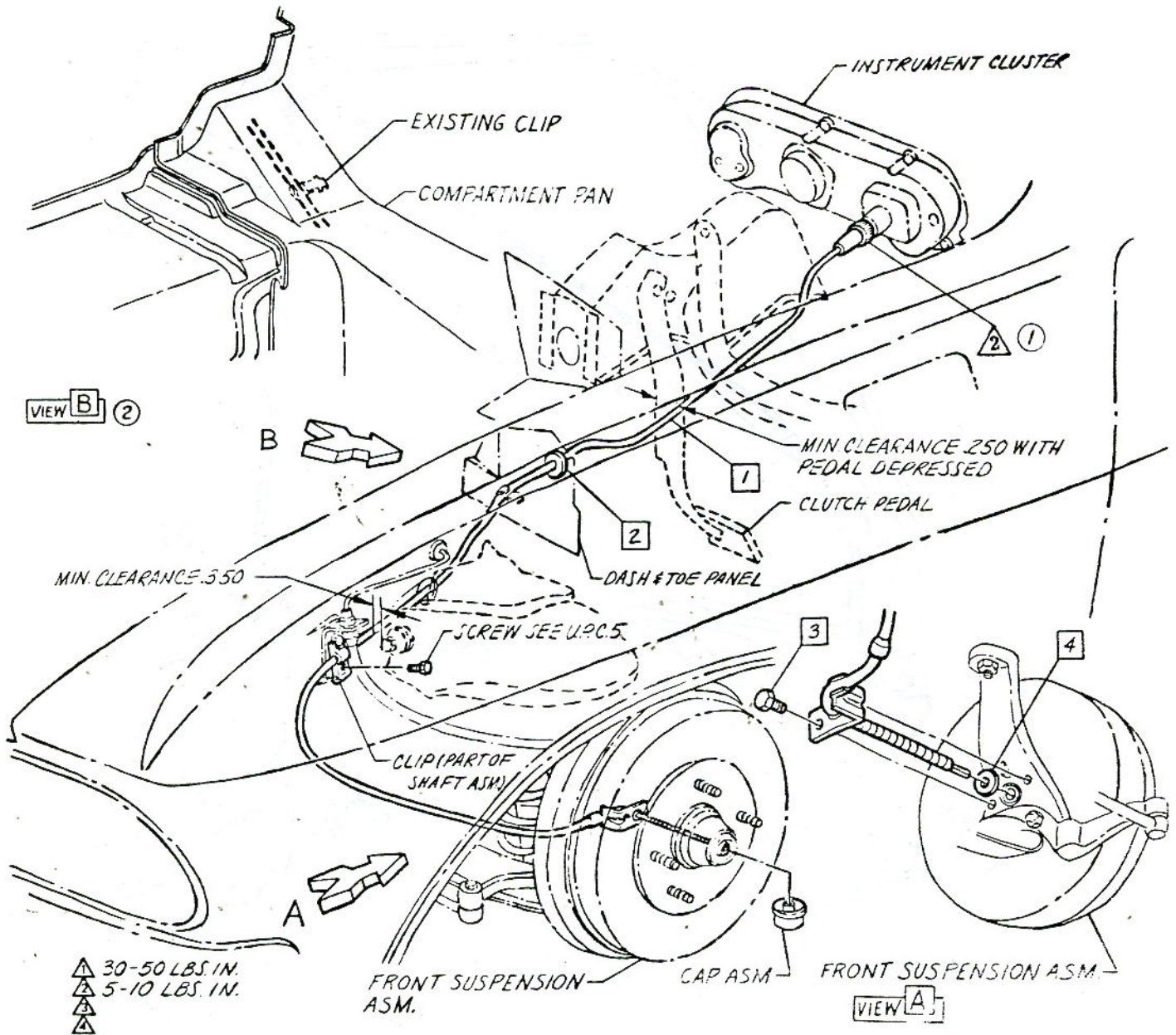


CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- 1 3861051 SHAFT ASM
- 2 3792008 GROMMET
- ▲ 3 3861053 BOLT
- 4 3861052 SEAL



- ▲ 30-50 LBS. IN.
- ▲ 5-10 LBS. IN.
- ▲
- ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SK	REVISION	RECORD
SPEEDOMETER SHAFT		12				
10000		C4.				
DWG PREL 20	REF: Prel. C2 L-72381 L-					
DATE PREL 2-20-64	L- L- L-					
		<input checked="" type="checkbox"/> SHEET				



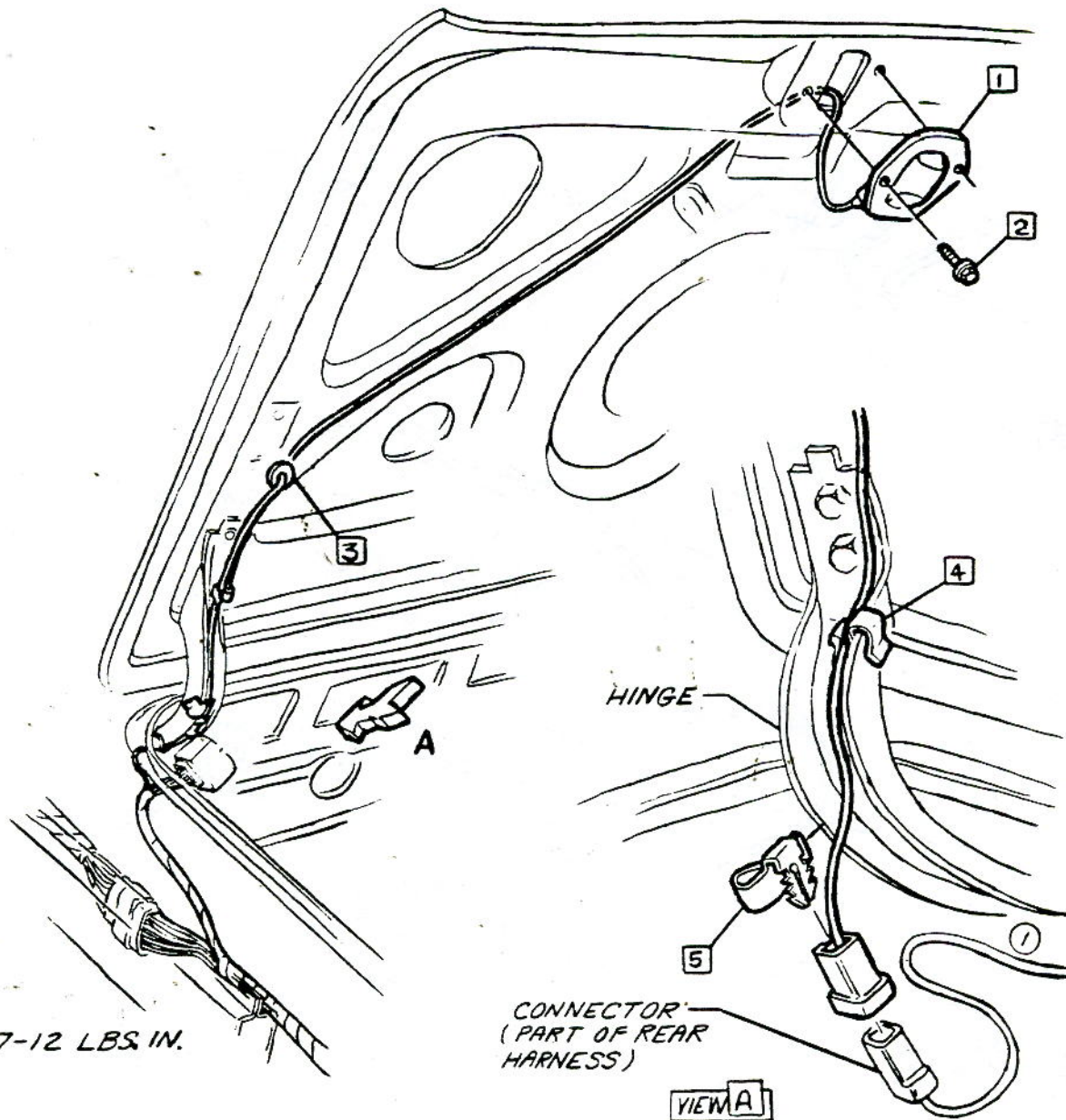
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 910656 LAMP ASM.
- ① 2 187875 SCREW
- ④ ③ 3 6256768 GROMMET
- 4 3833476 CLIP
- ② 5 2989916 CLIP



▲ 7-12 LBS IN.
▲
▲
▲

CONNECTOR
(PART OF REAR
HARNESS)

VIEW A

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
REAR LICENSE PLATE LAMP WIRING		12	8-4-64	1	ITEM 4 REMOVED	15830	WF	DP
			9-21-64	2	WAS 2973390 CLIP	15881	WF	
				3	WAS 3771184 GROMMET	15892	DF	
			10-5-64	4	WAS 3897358 GROMMET	15890	WF	DF
10000		C5.						
DWG PREL 3-4	BM/REF: Prel. C4		L-73258L-					
DATE REL 3-4	L-	L-	L-					
		SHEET						

1965-142

+



- ① 1 9419663 SCREW
- 2 3869592 STRIKER
- 3 3869593 SWITCH & BRACKET ASM.

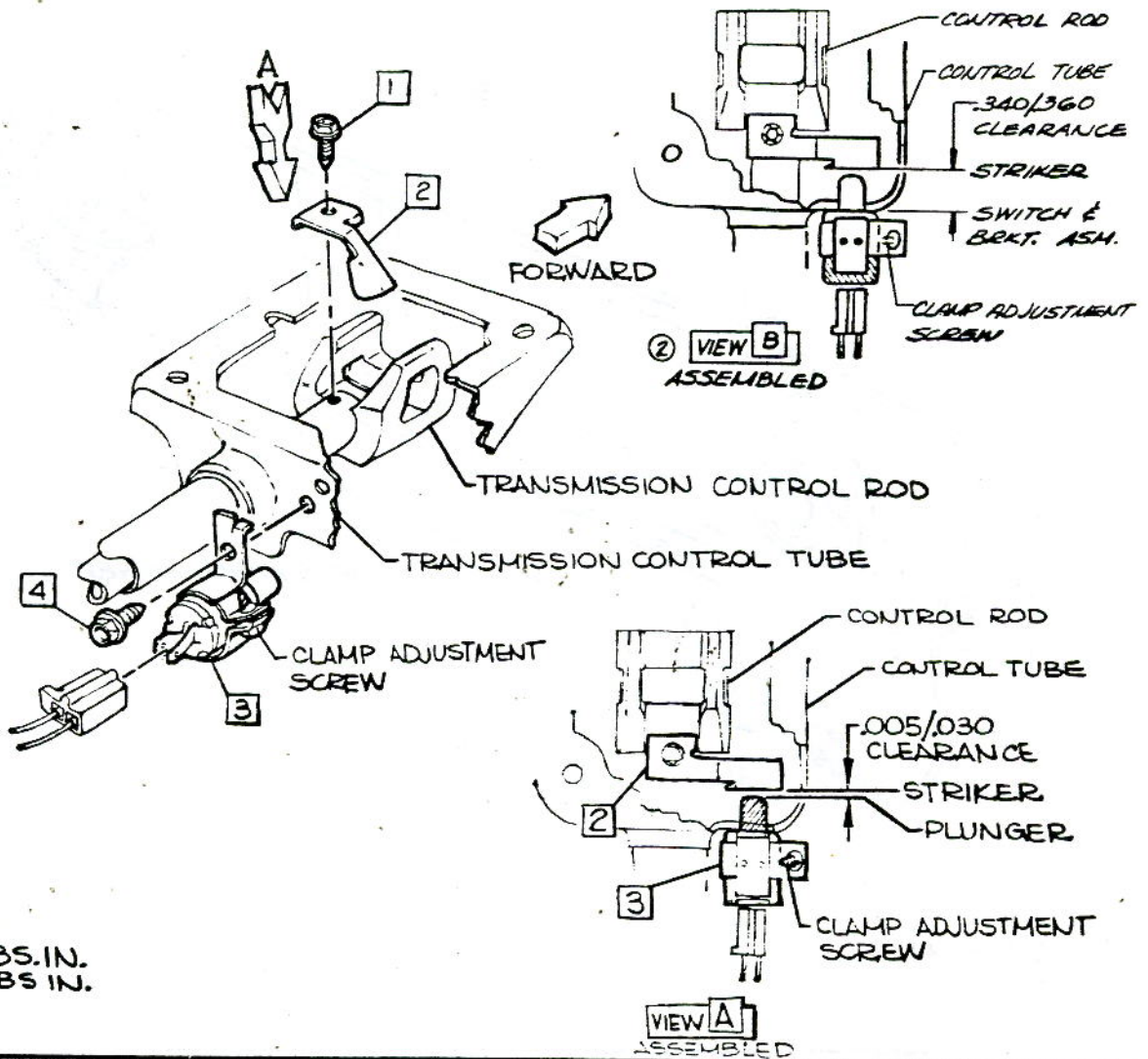
- ② 4 9419305 SCREW

ADJUSTMENT PROCEDURE (See View A)

1. Place transmission in 2nd gear.
2. Loosen clamp adjustment screw.
3. Adjust Switch Asm. to give .005 to .030 clearance between striker & plunger.
4. Retighten clamp adjustment screw 7-12 lbs. in.

③ OPTIONAL ADJUSTMENT PROCEDURE (See View B)

1. Place transmission in reverse gear.
2. Loosen clamp adjustment screw.
3. Adjust Switch Asm. to give .340 to .360 clearance between striker & face of switch.
4. Retighten clamp adjustment screw 7-12 lbs. in.



- ▲ 15-20 LBS. IN.
- ▲ 30-40 LBS. IN.
- ▲

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
BACKING LAMP SWITCH INSTALLATION				12	7-10-64	1	REDRAWN & REV. 850	66896	FE	DP
					2-17-65	2	VIEW (B) ADDED	66896	JM	
10500-700				C6.		3	OPT. ADJ. PROC. ADDED			CI
DWG PREL 225 2/4	REF: Prel. C5	L-76366	L-75978							
DATE REL 2-25	L-	L-	L-	✓ SHEET						



CHEVROLET

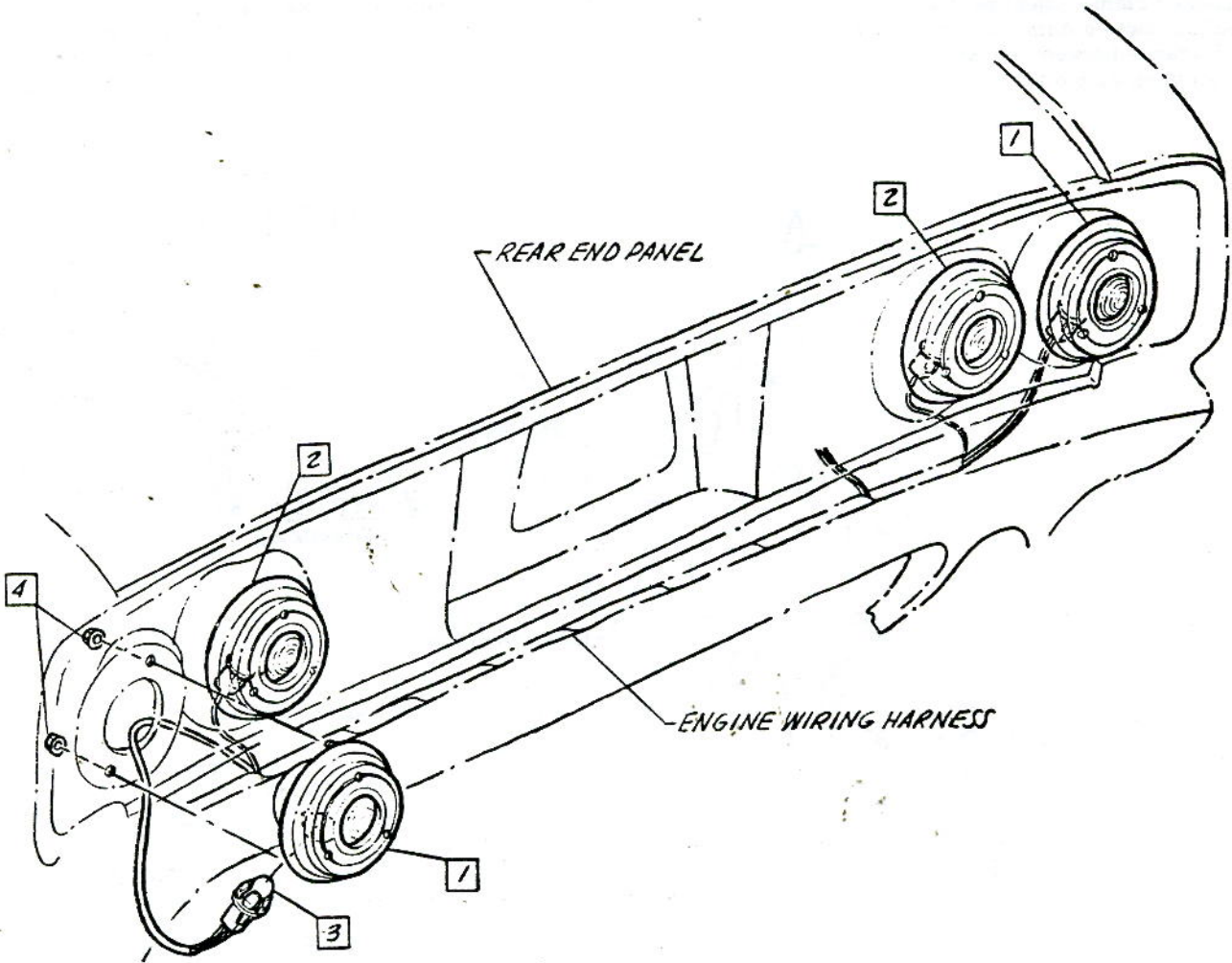
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 910626 LAMP ASM TAIL, STOP & DIR. SIGNAL
- 2 910627 LAMP ASM BACKING (10500-700)
- 3 BULB 9417867 TAIL, STOP & DIR SIGNAL BACKING LAMP (10500-700)
- 9417866

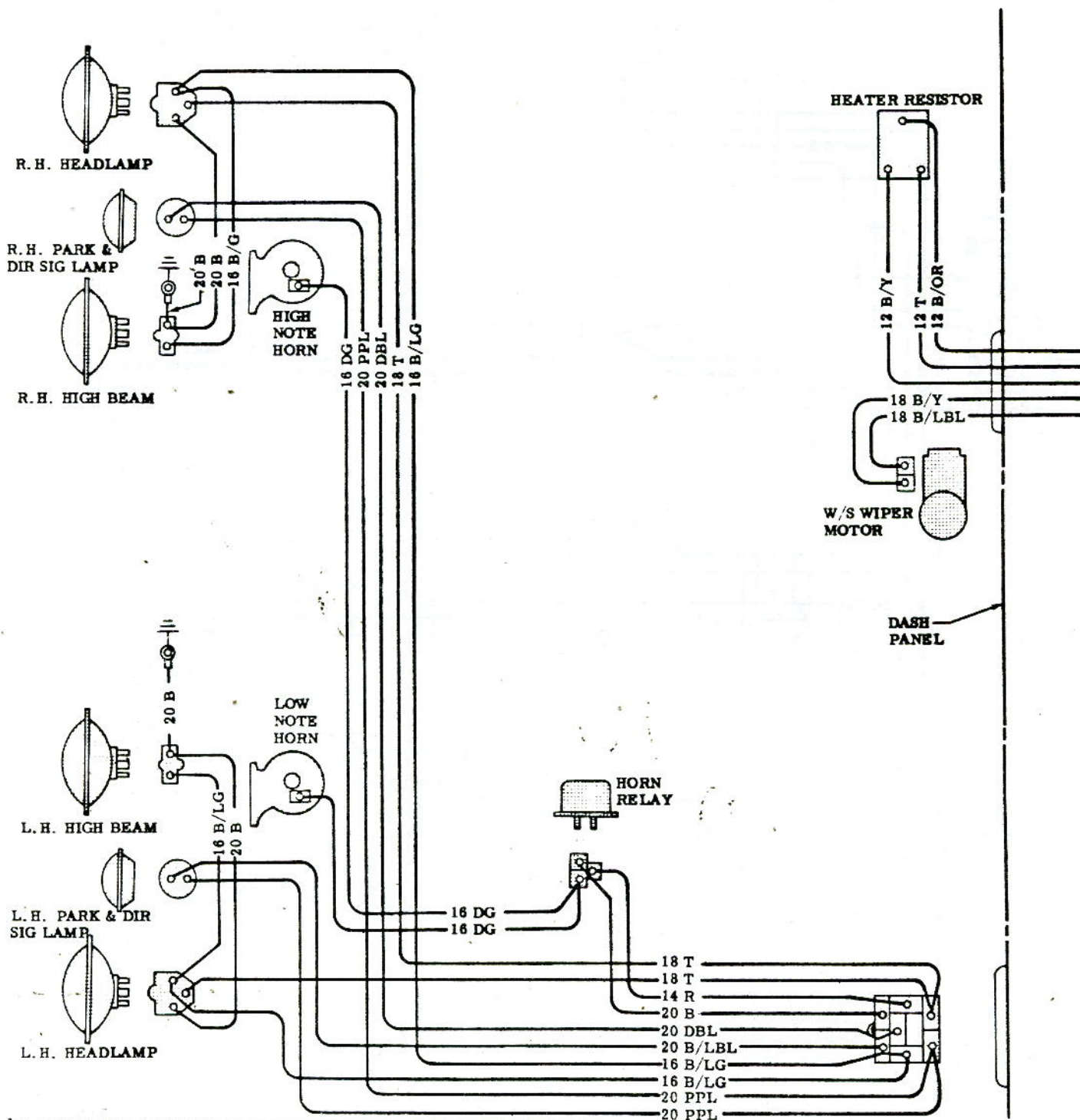
① △ ④ 9420222 NUT



△ 30-40 LBS. IN.
 △
 △
 △

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
REAR END LIGHTING		12	7-7-64	1	TONGUE ADDED	64798	HF	DF
10000		C7.						
DWG PREL 2-14 W4	REF: Prel, C1 L-73258L	SHEET	<input checked="" type="checkbox"/>					
DATE REL 2-14	L- L- L-							

1965-144



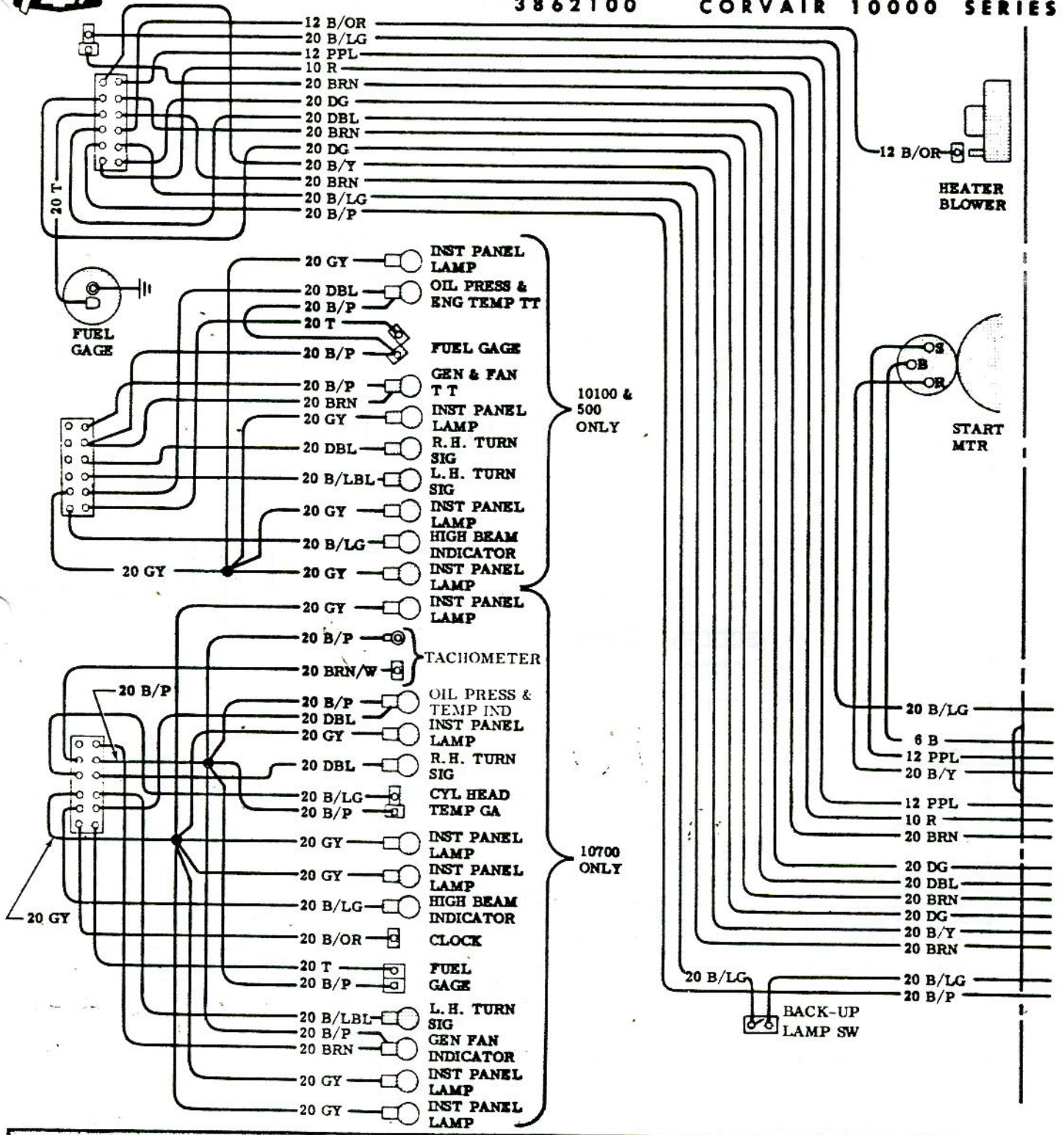
<p>• CHEVROLET MOTOR DIVISION, GMC •</p>				<p>UPC</p>	<p>DATE SYM</p>	<p>REVISION RECORD</p>	<p>AUTH. DR CK</p>
<p>WIRING DIAGRAM-FRONT END</p>				<p>12</p>	<p>3-23-64</p>	<p>1 REDRAWN WITHOUT CHANGE</p>	<p>RVDF</p>
<p>10000</p>				<p>D1.</p>			
<p>DWG PREL 4-23</p>	<p>RV</p>	<p>REF: Prel. D1</p>	<p>L- L-</p>	<p>SHEET</p>			
<p>DATE REL 4-23</p>		<p>L-75643</p>	<p>L- L-</p>				



CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
WIRING DIAGRAM - INSTRUMENT CLUSTER & BODY HARNESS		12	5-23-62	1	REDRAWN WITHOUT CHANGE			RV/DF
10000		D3.						
DWGPREL5-13	RV	REF: Prel. D3	L-	L-				
DATE REL 5-13		L-75682	L-	L-				
		SHEET						

SECTION 14
OPTIONS



CHEVROLET

ASSEMBLY INSTRUCTIONS

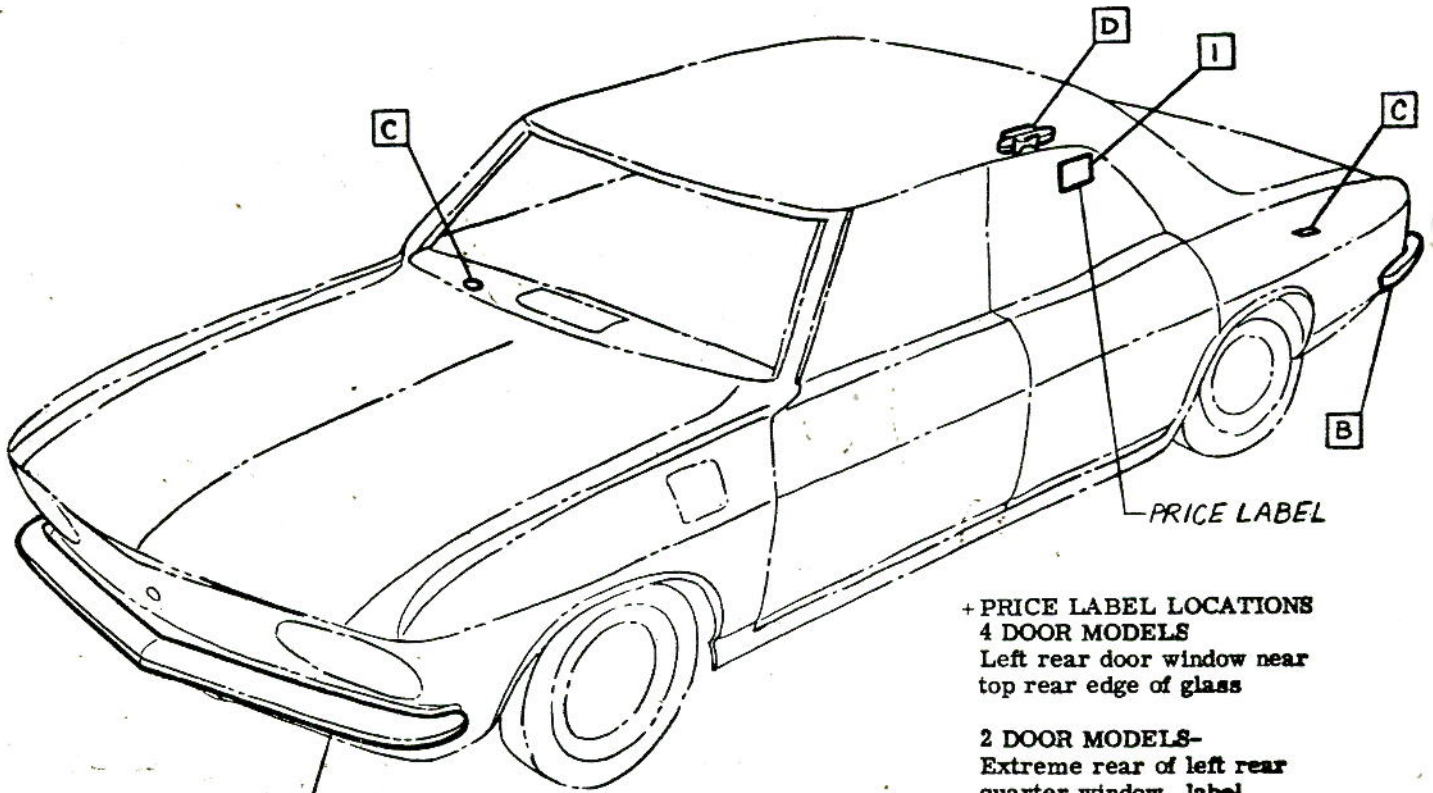
3862100

CORVAIR 10000 SERIES

NOT ITEMIZED ON THIS SHEET

SHEET	TITLE	SHEET	TITLE
A1.	CONTENTS	A3.	MISCELLANEOUS SHIPPING LIST
A A2.	FRONT BUMPER	B2.-B3.	PLASTIC CEMENT & SEALING COMPOUND
B B1.	REAR BUMPER	C4. THRU C6.	LUBRICATION
C C1.	IDENTIFICATION NO. PLATE & TIRE PRESSURE STICKER	C7.	LUBRICATION, GASOLINE & REFRIGERANTS
C2.	CUSTOMER VEHICLE IDENT PLATE		
D C3.	AUTO JACK		

1 3764800 CEMENT-3.75 Gals per 1000 jobs.



PRICE LABEL

+ PRICE LABEL LOCATIONS
 4 DOOR MODELS
 Left rear door window near top rear edge of glass

2 DOOR MODELS-
 Extreme rear of left rear quarter window, label maintaining vertical position.

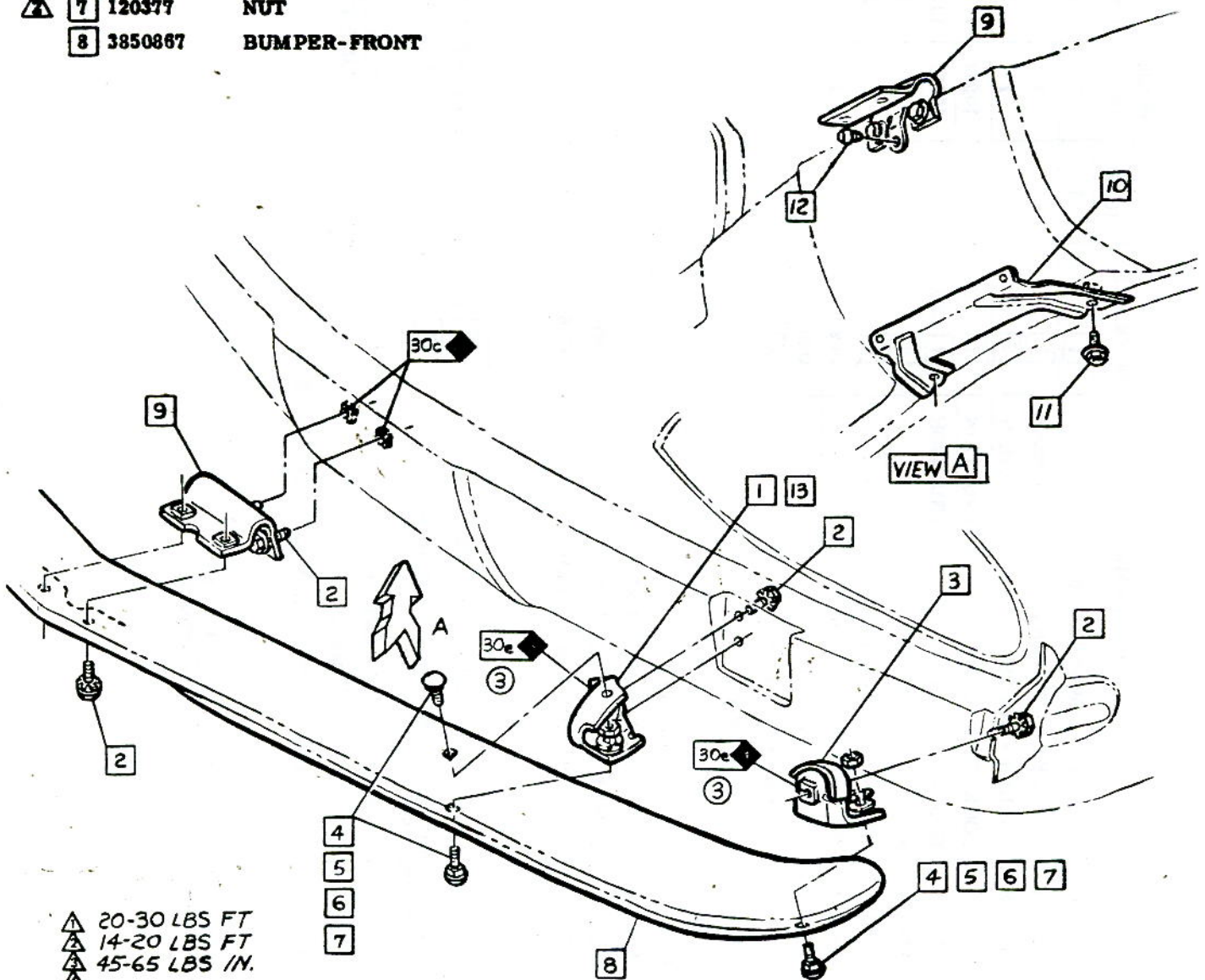


CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
BUMPERS & MISCELLANEOUS-CONTENTS				14						
10000				A1.						
DWG PREL 3-6	C5	REF: Prel. A2	L-	L-						
DATE REL 5-15			L-	L-						
				SHEET <input checked="" type="checkbox"/>						

- 1** 3854105-6 BRACKET ASM. -FRONT BUMPER INNER L. & R.H.
- 2** 6256409 SCREW ASM.
- 3** 3854109-10 BRACKET ASM. -FRONT BUMPER OUTER L. & R.H.
- 4** 6255899 BOLT
- 5** 120395 P. WASHER
- 6** 103321 L. WASHER
- 7** 120377 NUT
- 8** 3850867 BUMPER-FRONT

- 9** 3854102 BRACKET ASM. -CENTER
- 10** 3854104 BRACKET-FRONT LICENSE
- 11** 9421116 SCREW ASM.
- 12** 3710206 PLUG

2 **13** **NOTE** Area below & around lower end of item **1** must be free of sealer following installation of bumper.



- ▲** 20-30 LBS FT
- ▲** 14-20 LBS FT
- ▲** 45-65 LBS IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FRONT BUMPER		14	6-25-64	1	WAS 120322 L. WASHER	64798	CS	HB
			8-25-64	2	ITEM 13 ADDED	66060	CS	HB
			9-25-64	3	WAS 30c LUB SYM (2) PLCS	66967	GB	DF
10000		A2.						
DWG PREL 2-26 CS REF: Prel. A1 L-65015 L-			DATE REL 5-15		L- L- L-			
		X SHEET						



GENERAL INFORMATION

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

PART NUMBER	PART NAME	NOTE REF.	MODELS			SHIPPING REFERENCE
			10100	10500	10700	
3859590	BOOKLET - OWNERS GUIDE	1	1	1	1	3
3859595	BOOKLET - OWNERS PROTECTION PLAN	1	1	1	1	
3862996	FOLDER - ACCESSORY MERCHANDISING	8	1	1	1	
4225571	BOOKLET - FOLDING TOP INSTRUCTION	7		10567	10767	
4225572	BOOKLET - FOLDING TOP INSTRUCTION	7 C08		10567	10767	
3834959	ENVELOPE - OWNER INSTRUCTION	2	1	1	1	
3869818	LICENSE PLATE ATTACHMENT UNIT	5	1	1	1	
7291472	SHEET-RADIO INSTRUCTION	U69	1	1	1	
7294253	FM POCKET GUIDE	U69	1	1	1	
	FRONT FLOOR MAT	6	1	1	1	
3859253	HUB CAP UNIT		1			4
3869471	WHEEL TRIM COVER UNIT				1	
3861080	WHEEL TRIM COVER UNIT			1		
3861082	WHEEL TRIM COVER UNIT	PO1	1			
3855382	WHEEL TRIM COVER UNIT	PO2	1	1	1	
3875700	ANTENNA ROD & MAST ASM.	U60-63-69-U73	1	1	1	

- 1 FURN BY CHEV MAT,DEPT. TO ASM. PLANTS
- 2 USED AS OWNER INSTRUCTION BOOKLET CONTAINER
- 3 PLACE IN INSTRUMENT PANEL COMPARTMENT
- 4 PLACE IN LUGGAGE COMPARTMENT
- 5 USED TO ATTACH FRONT & REAR LICENSE PLATE
- 6 FOLD DOWN CENTER WITH JUTE SIDE OUT
- 7 FURNISHED BY FISHER BODY WITHIN EACH BODY
- 8 FURNISHED BY CHEVROLET PARTS & ACCESSORIES DEPARTMENT TO ASSEMBLY PLANTS

NOTE Place cigarette lighters & extra keys in instrument panel compartment.

MISCELLANEOUS SHIPPING LIST		10000	
DWG PREL 3-1/2	CS	REF: Prod. A3	
DATE REL 5-19	L	L	L
14		A3.	
SHEET		X	
DATE	SYN	REVISION RECORD	AUTH. DR. CK
4/16/64	1	WAS 3857719 LICENSE	637601 CS
	2	WAS 3861081 COVER UNIT	64261 HR
7-30-64	3	PARTS NOTE ADDED	65582 CS DF
1/4-64	4	7294253 FM GUIDE ADDED	67525 CS DF
12-64	5	WAS 3863099 ANTENNA	67466 BR CI

CHEVROLET MOTOR DIVISION, GMC

UPC

DATE SYN

REVISION RECORD

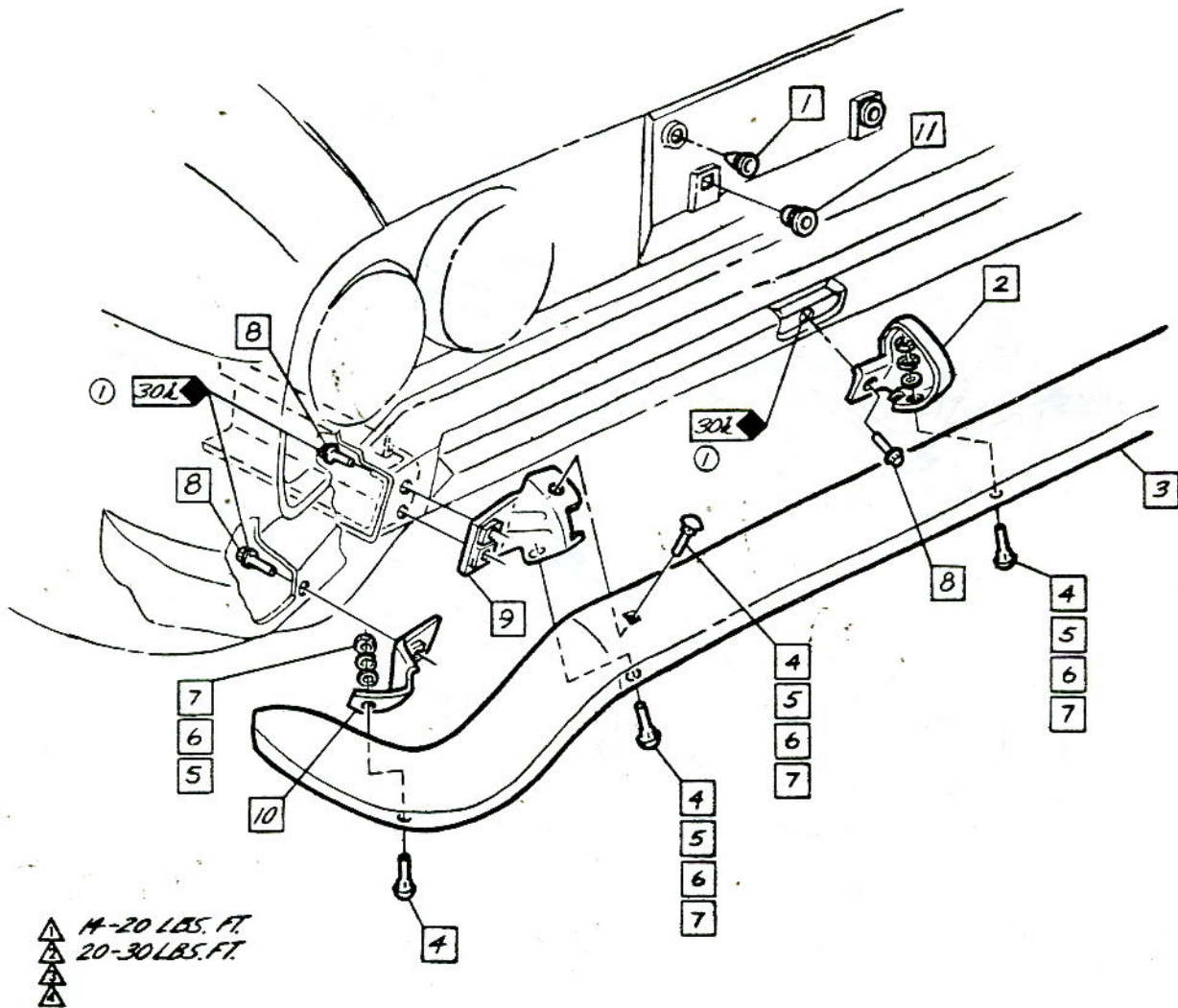
AUTH. DR. CK

1965-151



- 1 3745381 PLUG
- 2 3854700 BRACKET ASM.
- 3 3850868 BAR
- 4 6255899 BOLT
- 5 120395 P. WASHER

- 6 103321 L. WASHER
- ① 7 120377 NUT
- ② 8 6256409 SCREW
- 9 3854701-2 BRACKET ASM. L. & R.H.
- 10 3856593-4 BRACKET ASM. L. & R.H.
- ② 11 3869819 NUT



▲ 14-20 LBS. FT.
 ▲ 20-30 LBS. FT.
 ▲

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTL.	DR	CK
REAR BUMPER				14	9-3-64	1	CEMENT SYM ADDED (2) PLACES	15852	KC	DF
					12-7-64	2	ITEM 11 ADDED	63760	VP	CI
10000				B1.						
DWG. NO. 2-17	KC	REF.: Prel. B1	L-65012		L-					
DATE 2-17		L-	L-	L-						
				SHEET						



REVISIONS

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

QUANTITY FOR
1000 JOBS

SECTION

PART

USAGE

3857030 PLASTIC SEAM CEMENT

- 30p ◀ GROMMET-GAS FEED REAR PIPE ASM
- 30q ◀ GROMMET BODY WRG HARN. ASM & FUEL RTN. PIPE REAR HOSE AT ENGINE BULKHEAD
- 30r ◀ GROMMET-BODY WRG. HARN. ASM AT ENGINE BULKHEAD
- 30s ◀ GROMMET-INST. PANEL WIRING HARNESS ASM. W/WASHER MOTOR LEAD.

3786204 PLASTIC SEAM CEMENT

- ① 30t ◀ PLACE IN HOLES OF COWL PANEL PRIOR TO DRIVING W/8 WASHER JAR & ANTI-FREEZE JAR MOUNTING BRACKET.

162 PCS.

8

12

12

Z01

10000		DATE 4/22/67		DWG 428/10809		DATE 4/22/67	
PLASTIC CEMENT & SEALING COMPOUND		K/L		REF: Pol.		L- L- L-	
CHEVROLET MOTOR DIVISION, GMC.		UPC		DATE 12/30/67		SYN 1	
14		B2.5		REVISION RECORD		AUTH. DR - CR	
1		1		WAS 318 5/18/60		66547 JCI CI	

1965-155



GENERAL

ASSEMBLY INSTRUCTIONS
3862100 CORVAIR 10000 SERIES

QUANTITY FOR
1000 JOBS SECTION

PART	USAGE	QUANTITY FOR 1000 JOBS	SECTION
3851624	PLASTIC SEAM CEMENT 39a → ENGINE SIDE SHIELDS TO REAR SHROUD & AIR EXHAUST DUCT 39b → CARB BASE CUT OUT TO INTAKE MANIFOLD 39c → ENGINE REAR CENTER SHIELD	228 PCS. 228 PCS 61 PCS	11/13
① 3873998	PLASTIC SEAM CEMENT 40a → BETWEEN FRONT SHIELD & ENGINE & SIDE SHIELDS PRIOR TO INSTALLING FRONT SHIELD TO ENGINE.	1000 PCS.	11/13

10000		DATE REL 7-23		DWG 60145844		DATE REL 7-18		DWG 60145844	
PLASTIC CEMENT & SEALING COMPOUND		REF: Prtl.		L		L		L	
14		SHEET		B4.		UPC		DATE SYN	
1/10/65		1		172M 42.500766C ALLED		52-52		KCH	
REVISION RECORD		AUTH		DN		CR			

1965-157

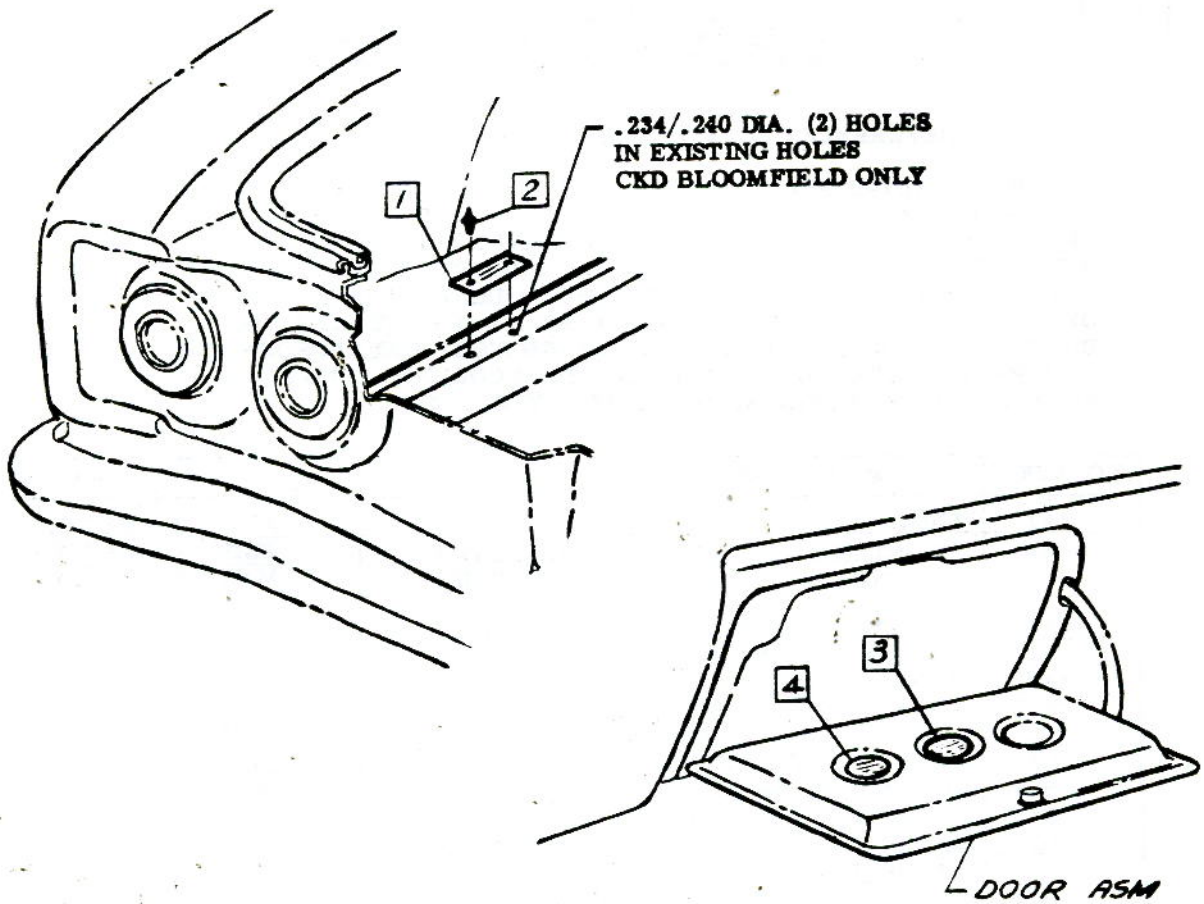
3862100

CORVAIR 10000 SERIES

- 1 3864626 PLATE-Willow Run (CKD Bloomfield)
3695564
- 2 9423220 RIVET-Willow Run (CKD Bloomfield)
3695654

- 2 3 3874299 STICKER (ENGINE WARNING)
- 3 4 3874298 STICKER (TIRE PRESSURE)

①



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
IDENTIFICATION NO. PLATE & TIRE PRESSURE & ENG WARNING LIGHTS STICKER.		14	11-4-64	1	9423220 WAS 9422519	67266	BR	DF
			11-18-64	2	WAS 3863942 STICKER	67072	BR	
				3	ITEM 4 ADDED			HB
10000		C1.						
DWG PREL 2-2/ BR REF: Preh. C1 L-65030 L-			SHEET					
DATE REL 4-14								



CHEVROLET

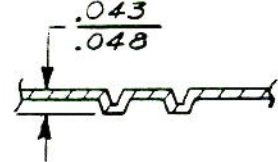
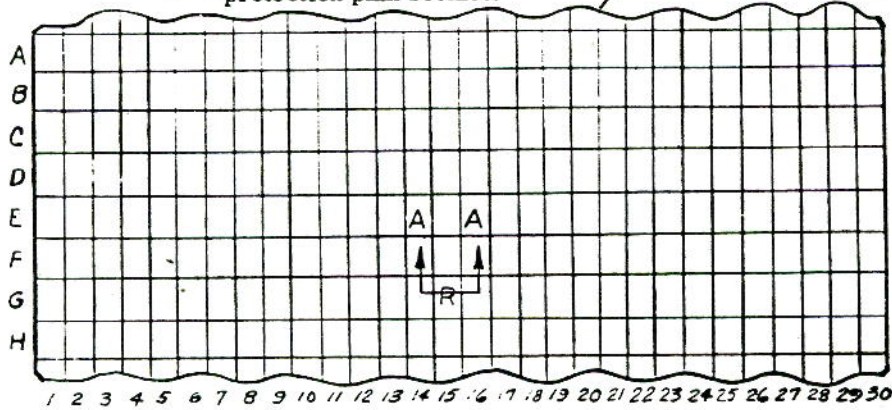
ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

3865853

PLATE

After plate is stamped, attach to adhesive backed portion of last page in owner's protection plan booklet.



ENLARGED SECTION A-A THRU TYPICAL STAMPED CHARACTER

REFERENCE GRID FOR DATA LOCATION

STAMP PROTECT-O-PLATE WITH NO. 36 SIZE TYPE (NO. 28 SIZE OPTIONAL FOR BALTIMORE, BLOOMFIELD, KANSAS CITY AND B. O. P. PLANTS, ARLINGTON, ATLANTA, FREMONT, SOUTH GATE & WILMINGTON) WITH DATA AT LOCATION NOTED BELOW. STAMPED SIDE OF PLATE MUST READ NORMALLY (NOT REVERSED OR MIRROR IMAGE). DATA OF MORE THAN ONE TYPE CHARACTER LENGTH WILL START AT INDICATED LOCATION AND CONTINUE TOWARD RIGHT FOR APPROPRIATE NUMBER OF CHARACTERS. PLATE WILL BE 33 COLUMNS LONG AND 9 ROWS DEEP WHEN OPTIONAL NO. 28 SIZE TYPE IS USED.

LOCATION	DATA TO BE STAMPED
*A1	TRIM
A5	"PAINT RPO NUMBER (LEAVE BLANK IF F & SO, COPO OR PRIME PAINT IS SPECIFIED)
*A10	PWR STRG AND/OR PWR BRAKE OPTION
*A17	GENERATOR OPTION
*A22	RADIO OPTION
*A27	2-SPEED W/S WIPER OPTION
*B1	AIR CONDITIONING OPTION
*B5	POWER WINDOW OPTION
*B10	POWER SEAT OPTION
B17	VEHICLE SERIAL NUMBER
G1	ENGINE SOURCE, DATE & TYPE CODE NO.
&G10	CARBURETOR SOURCE
G17	TRANS SOURCE & DATE CODE NO
G27	CHEVROLET "BOW TIE" SYMBOL
H1	REAR AXLE TYPE, DATE & SOURCE CODE NO.
#H10	MONTH PRODUCED

# CODE	& CODE	
JAN Z	BAY CITY	B
FEB Y	CARTER	C
MAR X	HOLLY	H
APR W	ROCHESTER	R
MAY V		
JUNE T		
JULY S		
AUG R		
SEPT P		
OCT N		
NOV L		
DEC K		

*USE SINGLE OR MULTIPLE CHARACTER CODE OBTAINED FROM PLANT BROADCAST COPY

* CHEVROLET MOTOR DIVISION, GMC *		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
CUSTOMER VEHICLE PROTECT-O-PLATE		14	8-31-65	B	REAR AXLE DATA REVISED	EC	JA	CI
10000		C2.						
DWG PREL 4-24-BR	REF: Prel. C7	L-	L-	L-				
DATE *EL 5-21	L-	L-	L-					
		<input checked="" type="checkbox"/> SHEET						



ENGINEERING
 3862100

ASSEMBLY INSTRUCTIONS
 CORVAIR 10000 SERIES

PART	USAGE	QUANTITY FOR 1000 JOBS	UPC
LUBRICANT (SEE SHEET C4.)	⑥ 1q ⑤ 1r TELESCOPING STEERING LOCK KNOB ADJUSTING SCREW-APPLY TO SCREW THREADS	4 LBS.	N36
9985038 LUBRICANT-SPECIAL	2a FRONT SUSPENSION LOWER CONTROL ARM BALL STUD ASM 1 FITTING EACH SIDE 2b STEERING KNUCKLE UPPER CONTROL ARM BALL STUD & SEAL ASM-1 FITTING EACH SIDE. 2c REAR IDLER LEVER BRACKET-APPLY TO EXTRUSIONS & SPECIAL WASHERS 2d TRANSMISSION CONTROL COUPLING UNIVERSAL JOINT ③ 2e TRANSMISSION CONTROL ROD FRONT & REAR BUSHINGS-APPLY TO I.D. OF BUSHING 2f STEERING RELAY & TIE ROD ASM-2 FITTINGS EACH SIDE	229.3 LBS.	3 6 7 9
3832534 LUBRICANT ②	2.5a TRANSMISSION CONTROL LEVER BALL	3 Lbs.	7
9985002 ENGINE OIL	3a OIL PAN-THRU OIL FILLER TUBE 3b APPLY LIGHT FILM OVER EXPOSED SURFACE OF "O" RING. REMOVE EXCESS OIL TO AVOID CONTAMINATING DIRECT AIR HEATER.	1040 GAL	6
9985044 LUBRICANT (HYPOID)	4a TRANSMISSION (3-SPEED)-THRU FILLER HOLE IN CASE 4b REAR AXLE-THRU FILLER HOLE IN HOUSING 4c PINION SHAFT SPLINES-COAT BEFORE ASSEMBLY TO TRANSMISSION 4d TRANSMISSION (4 SPEED)-THRU FILLER HOLE IN CASE ④ 4e BATTERY TERMINAL WASHER-SOAK WASHER	APPROX. 2500 LBS. APPROX 4000 LBS 10 LBS APPROX 3150 LBS 9 LBS.	7 4 7 M20 12

CHEVROLET MOTOR DIVISION, GMCA		UPC
LUBRICATION		14
10000	C5.	
DWG. PREP. 3-6 BR	REF. Part. C4	
DATE: 1-3-6		
REVISION RECORD		AUTH. DR. CR.
DATE	STN.	
6-25-64	1	64792BR
7-25-64	2	55056 BR
11-4-64	3	61024 BR
11-18-64	4	61024 BR
1-25-65	5	61024 BR
	6	61024 BR
REVISION RECORD		
1. USAGE PART ADDED		
2. PART ADDED		
3. USAGE PART ADDED		
4. USAGE PART ADDED		
5. USAGE PART ADDED		
6. USAGE PART ADDED		

1965-162



BODY-UPC 1 (A01-E99)

- *A49 BELT-Seat-Custom Deluxe (Retractors)
- *A62 BELT-Seat-(Less)
- *A01 GLASS-Body Tinted
- *A02 GLASS-Windshield Tinted
- *A67 SEAT-Folding Rear
- (6)*A47 BELT-Seat-Rr-Custom Deluxe
- (6)*A64 BELT-Seat-Rr-Custom
- *B70 PAD-Instrument Panel
- C64 AIR CONDITIONING
- C48 HEATER-(less)
- *C05 TOP-Folding
- C06 TOP-Folding Electrical
- *C10 W/S WIPER & WASHERS-(Export)
- *D10 ARM REST-Rear
- D32 MIRROR-O/S Rear View (See Z01)

TRANSMISSION-UPC 7 (M01-M99)

- M20 TRANSMISSION-4 Speed
- M35 TRANSMISSION-P/Glide

FUEL & EXHAUST-UPC 8 (N01-N29)

STEERING -UPC 9 (N30-N49)

- N36 SHAFT-Telescoping
- *N34 WHEEL-Steering-(Wood Grained)

WHEELS & TIRES-UPC 10 (P01-T49) (7)

- *P01 COVER-Wheel Trim (1)
- P02 COVER-Wheel Wire
- P19 LOCK-Spare Wheel
- *P38 TIRE-(Less)
- P74 TIRE-Nylon-(Export)
- *P56 TIRE-W/W Nylon-(Export)
- *P53 TIRE-W/W Rayon

(5)
(1)

FRAME-UPC 2 (F01-F39)

FRONT SUSPENSION-UPC 3 (F40-F99)

REAR SUSPENSION-UPC 4 (G50-H99)

- G81 CARRIER-Differential
- (2) G93 CARRIER-Differential-3.27 Ratio
- *G95 CARRIER-Differential-3.55 Ratio

BRAKES-UPC 5 (J50-J99)

ENGINE-UPC 6 (K01-L99)

- K46 CLEANER-Air
- K47 CLEANER-Air-Oil Bath
- K84 GENERATOR-12-47 Amp.
- *L63 ENGINE-4 X 1 Carburetor
- *L62 ENGINE-H1 - Performance
- *L90 ENGINE-Low Compression-(Export)
- L87 ENGINE-Turbo Charge

SHEET METAL-UPC 11 (T50-T59)

ELECTRICAL & INSTRUMENT-UPC 12 (T60-U99)

- T60 BATTERY-H. D.
- *T64 BATTERY-(Less)
- *T70 HEADLAMP-(Export)
- U18 SPEEDOMETER-Export
- U69 RADIO-AM/FM-(See U60)
- (3) U60 RADIO-Manual
- U63 RADIO-Push Button-(See U60)
- U73 ANTENNA-Manual
- U80 SPEAKER-Auxiliary

RADIATOR & GRILLE-UPC 13 (V01-V29)

BUMPERS & MISC.-UPC 14 (V30-V99)

- (4) V31 GUARD-Bumper -Frt
- V32 GUARD-Bumper Rr

SPECIAL ITEMS (Z01-Z99)

- Z01 COMFORT & CONV.
- (6) Z13 COMFORT & CONV.-Remote Mirror (See Z01)
- (8) *Z17 SUSPENSION & STEERING
- *715-995 TRIM COMBINATION

(1) SEE MISC. SHIPPING LIST
 *DENOTES OPTION INDEXED ONLY
 (SEE INTRODUCTION SHEET)

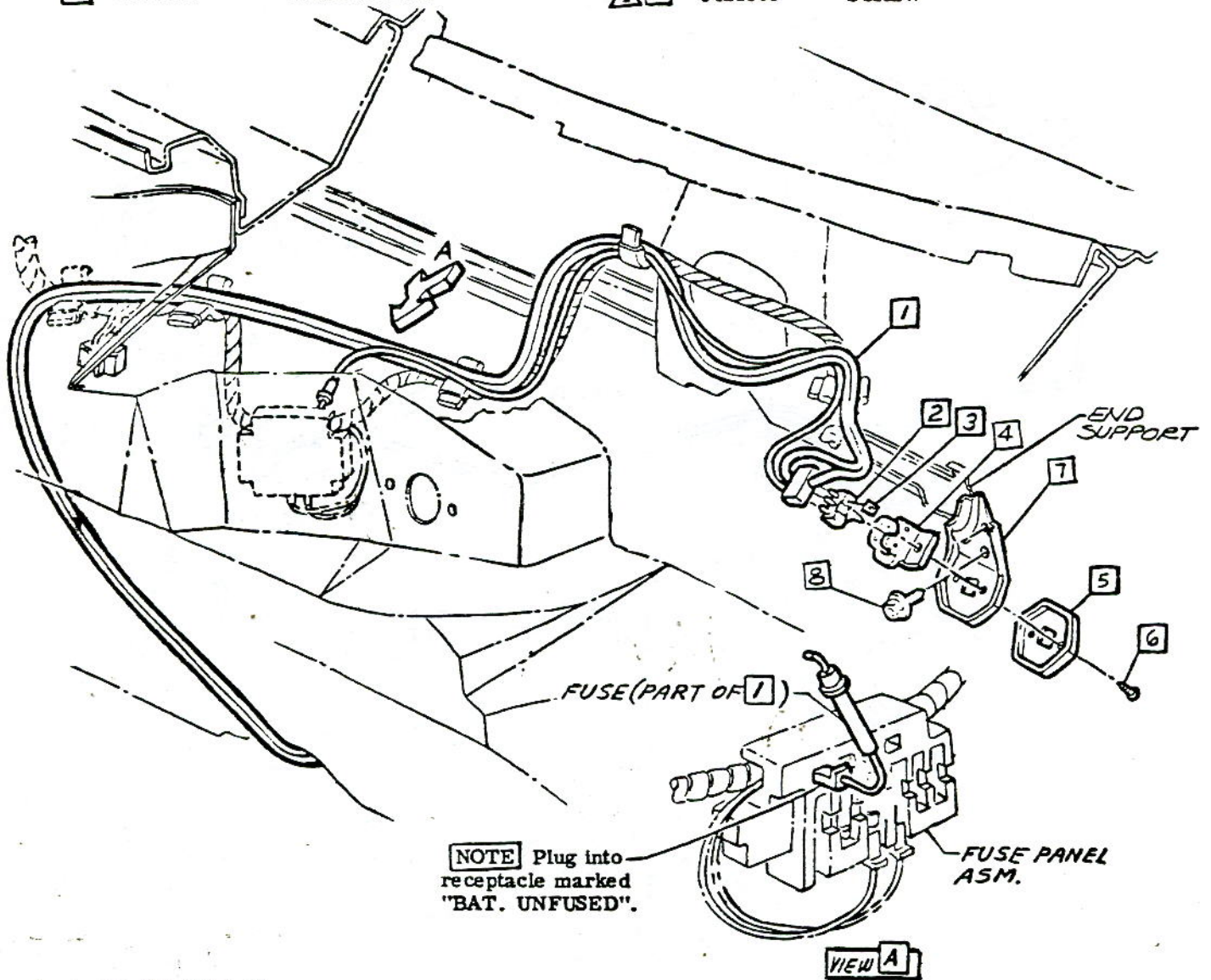
* CHEVROLET MOTOR DIVISION, GMC *		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
ALPHABETICAL OPTION LIST		OPTION INDEX	9-25-64	1	RPO P45 REMOVED	65750	DP		
				2	RPO 693 ADDED				
				3	RPO U18, U73 & U80 ADDED				
				4	WAS U31 & U32			HB	
			9-25-64	5	RPO P39 REMOVED			GB	DF
			1-18-65	6	RPO A47, A64 & Z17 ADDED			DP	
				7	T-49 WAS S-99				
				8	Z12 SPEEDO RMVD				HB
10000		1.							
DWG PREL 4-21	DP	REF: Prel. 1.	L-	L-					
DATE REL 4-21		L-	L-	L-					
		SHEET							



SHEET	TITLE
1.	CONTENTS
2.	WIRE ROUTING

1	2989474	WIRE ASM. - FLDG TOP SW
2	3840095	SWITCH ASM.

3	4154886	CLIP
4	3840097	HOUSING
5	3840096	ESCUTCHEON
6	454738	SCREW
7	3858818	BRACKET
8	9421803	SCREW



▲ 20-30 LBS. INK
▲
▲
▲

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FOLDING TOP-CONTENTS				C06	7-1-64	/	ITEMS 7 & 8 ADDED	57108	PR	DF
10567-787				1.						
DWG PREL 4-6	PREP	REF: Prnt. 1	L-73258	L-65002						
DATE REL 5-25		L-	L-	L-						
				SHEET						



CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

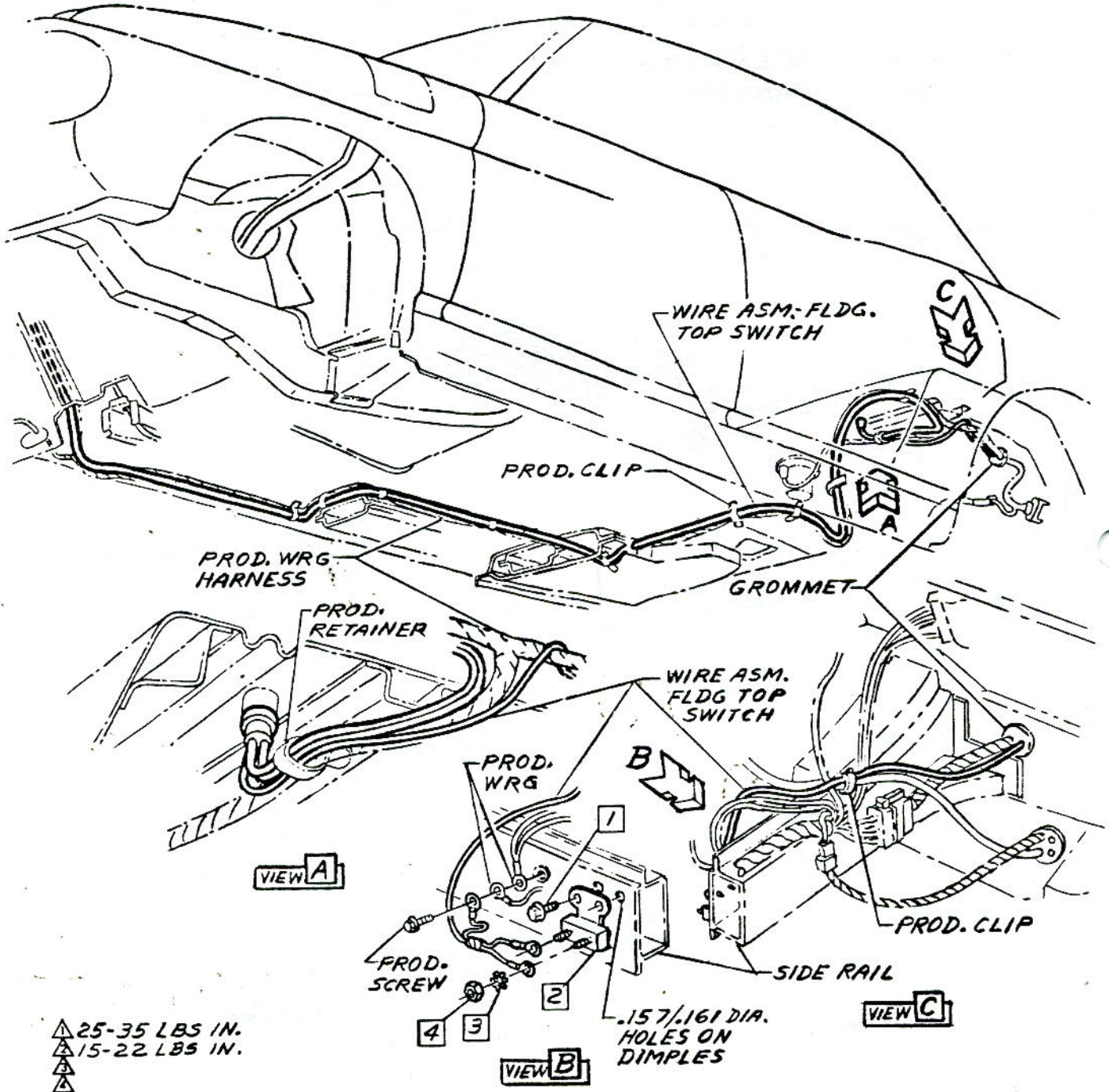
CORVAIR 10000 SERIES

- ① 9419303
- ② 4849847

SCREW
BREAKER ASM. - CIRC

- ③ 138479
- ④ 120361

L. WASHER
NUT



- ▲ 25-35 LBS IN.
- ▲ 15-22 LBS IN.
- ▲
- ▲

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FOLDING TOP-WIRE ROUTING		C06	9-29-64	1	WAS 5479303	SCRBN	66467	PE DF
10567-787								
DWG PREL. 4-9 PRX REF: Prel. 2 L-73258 L-		2.						
DATE/REL 5-25 L- L- L-			☑ SHEET 1					



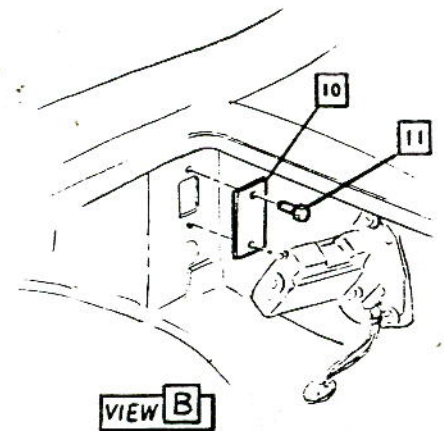
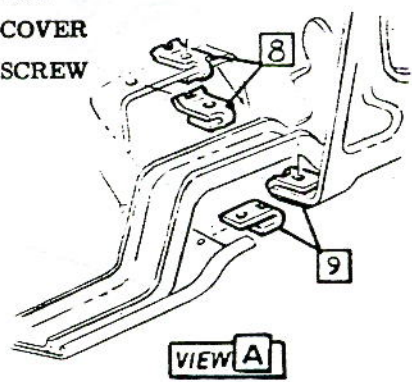
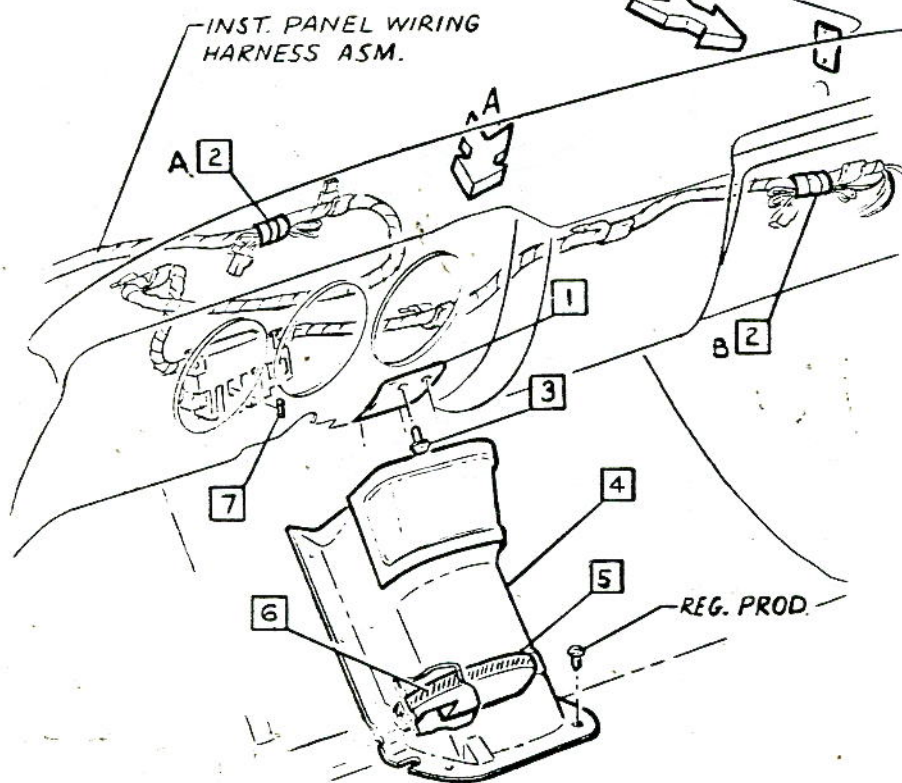
3 8 6 2 1 0 0

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

SHEET	TITLE	SHEET	TITLE
1.	CONTENTS	3.	LOWER REAR COVERS & DUCT COVERS
2.	UPPER REAR COVERS	4.	DEFROSTER HOLE COVER

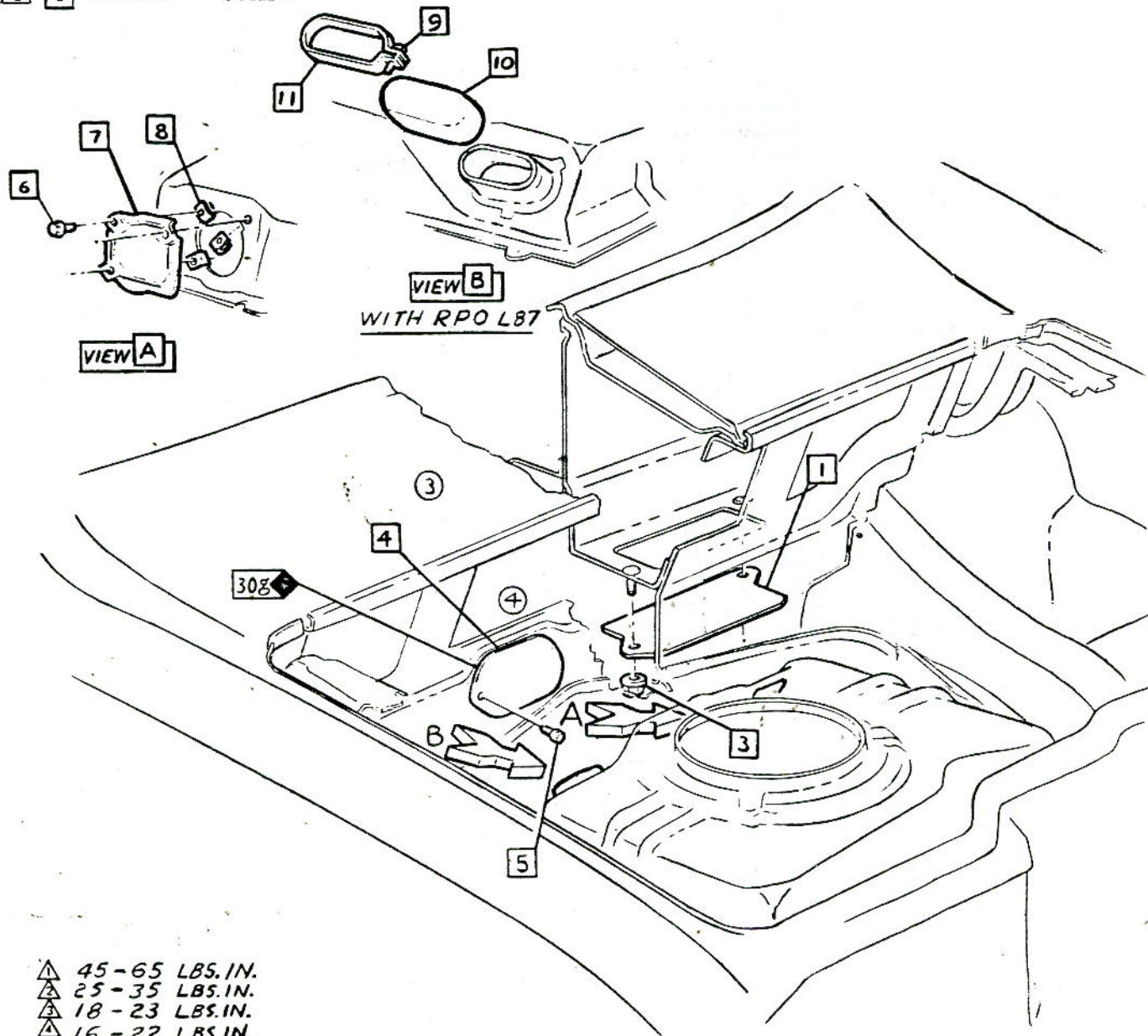
②	①	1	3859245	COVER (10100)	4	3857844	TUNNEL ASM.
			3859246	(10700)	5	3858772	SEAL
			3869497	(10500)	6	9981098	CEMENT Approx. .017 oz. Seal to tunnel asm.
		2	3724851	TAPE (12 in.)	7	117142	FUSE - Backing lamp asm. 10100 with Z01-Z13
				A. 6 inches - Tape heater control lamp socket wire & conn. body to inst. panel wiring harness asm.	8	9420137	NUT
				B. 6 inches - Tape heater resistor lead to inst. panel wiring harness asm.	9	3860140	NUT
⚠	3	9422206	SCREW (10100)	10	3866428	COVER	
		9422640	(10500-700)	11	3873950	SCREW	



⚠ 10-20 LBS. IN.
⚠
⚠
⚠

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
LESS HEATER EQUIPMENT - CONTENTS				C48	7.6.64	1	3869497 (10500) ADDED	65238	AM	
						2	(10700) WAS (10500-700)			DP
10000				1.	10.22.64	3	WAS 3861264 SCREW	66967	AM	HB
DWG PREL 3-13 10M/RW REF: Prel. 1 L-73806 L-65029				SHEET						
DATE REL 5-15 L- L- L-										

- | | | | | | | | | |
|---|---------|-------|---------|--------------------|-----------|---------|---------|-------|
| 1 | 3857349 | COVER | 7 | 3787443 | COVER | | | |
| ① | 2 | --- | ⑤ | 8 | 3870384 | NUT | | |
| ② | ① | 3 | 3866846 | NUT & L WASHER ASM | ④ | 9 | 9422524 | SCREW |
| | | 4 | 3862942 | COVER | 10 | 3856671 | CAP | |
| | ② | ① | 5 | 9421803 | SCREW ASM | 11 | 3863678 | CLAMP |
| ⑥ | ③ | 6 | 3873950 | SCREW | | | | |



- ▲ 45-65 LBS. IN.
- ▲ 25-35 LBS. IN.
- ▲ 18-23 LBS. IN.
- ▲ 16-22 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
LESS HEATER EQUIPMENT- UPPER REAR COVERS		C48	7-20-64	1	120332 WASHER REV. QVED	63228	AM	
				2	WAS 271172 NUT			
				3	.253/265 DIA. REMOVED			HB
10000		2.	9-4-64	4	"SCREW & COVER" DWG REVISED	15856	AM	
				5	WAS 9420856 NUT	65484		DF
DWG PREL. 3-17 AM REF: Prel. 2 L-65030 L-73036			10-22-64	6	WAS 3861264 SCREW	66367	AM	HR
DATE REL 5-20 L- L- L-		✓ SHEET 1						

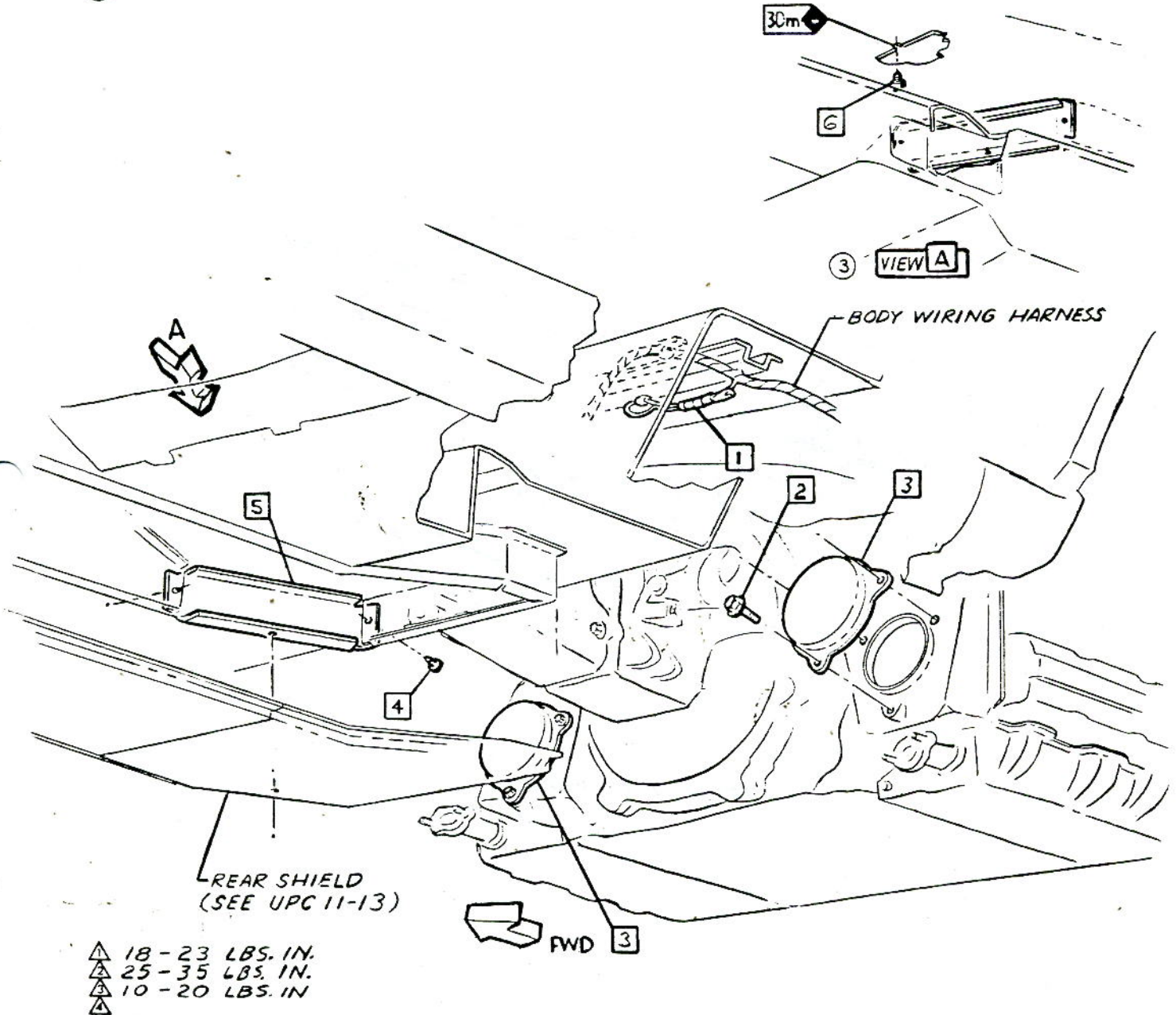


ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- ① 3724851 TAPE-6 inches per job tape heater blower lead to body wiring harness.
- ① ① ② 3780162 SCREW
- ② ③ 3784990 COVER
- ② ③ 3817246 R.H. WITH RPO L87

- ② ④ 9421803 SCREW ASM
- ⑤ 3857773 COVER
- ④ ③ ⑥ 3873950 SCREW



- ▲ 18-23 LBS. IN.
- ▲ 25-35 LBS. IN.
- ▲ 10-20 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
LESS HEATER EQUIPMENT- LOWER REAR COVERS & DUCT COVER		C48	7-6-64	1	NAS 3417558 SCREW	15788	AM	DP
			7-20-64	2	3817246 ADDED		AM	H/S
			7-22-64	3	VIEW 'A' ADDED	15872	AM	
				4	ITEM 6 & TORQUE ADDED	66%		H/S
10000		3.						
DWG PREL J-18 AM REF: Prej. 3 L-65030 L-		SHEET X						
DATE REL 5-18 L- L- L-								



GENERAL

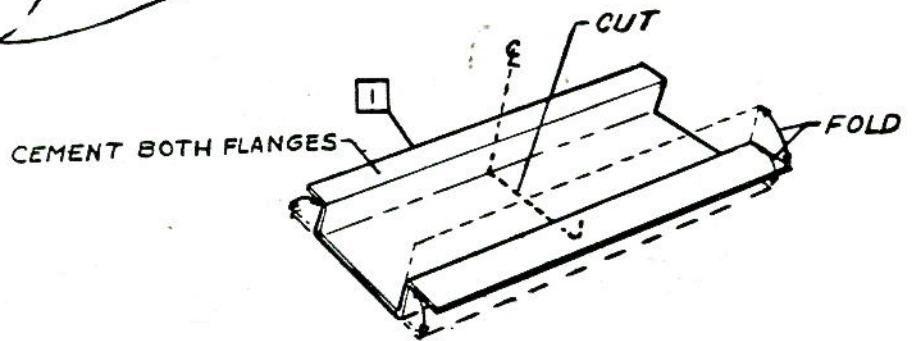
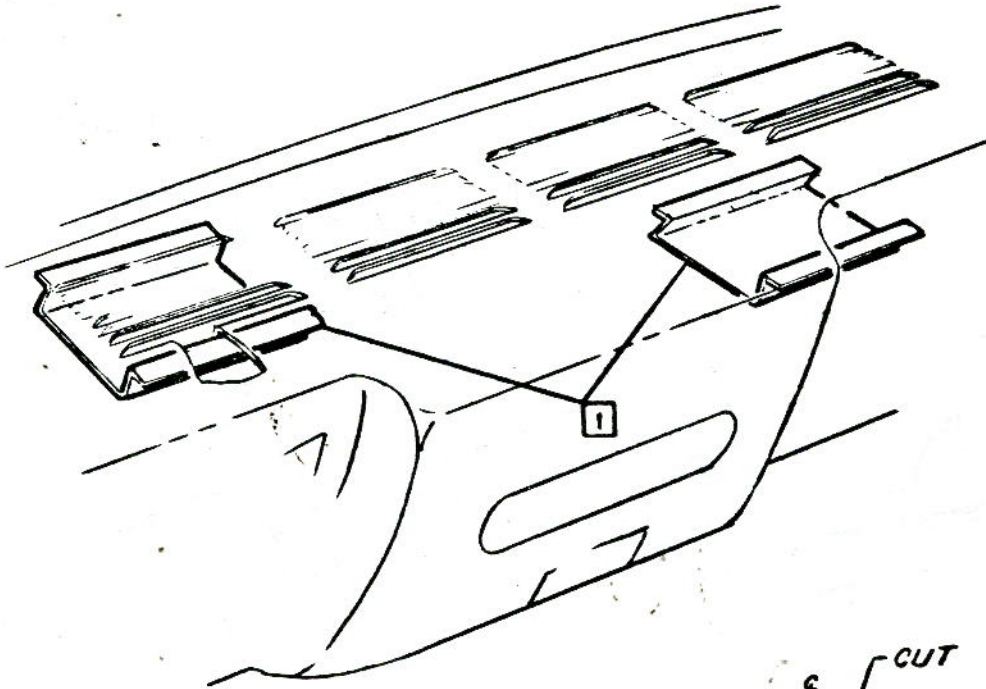
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- ② ① 3876962
- ③ ① ② 3857962

COVER-DE FROSTER OPENING
 CEMENT-ADHESIVE
 (20 gal. / 1000 jobs)



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
10000	LESS HEATER EQUIPMENT DE FROSTER HOLE COVER			C48	7-3-64	1	WAS 3791743 CLIP	15834	AM	CF
					2-11-65	2	WAS 3866597 COVER & DRAWING REVISED	15973	DH	
						3	WAS 3833476 CLIP			CI
10000			4							
DWG PREL 5-14 AM		REF: Prel. 4 L-65002 L-								
DATE REL 5-14		L- L- L-								
				SHEET 1						



3862100

CORVAIR 10000 SERIES

SHEET

TITLE

SHEET

TITLE

- A1. CONTENTS
- A** A2. JACK STOWAGE & FRT FLR MAT
- B** A3. BLOWER & AIR INLET
- C** A4. SIDE OUTLETS & HOSES
- A5. CENTER OUTLET
- D** B1. CONDENSER ASM
- B2. RECEIVER & DEHYDRATOR
- E** C1. COMPRESSOR MOUNTING
- F** C2. IDLE CONTROL & CHOKE
- C3. AIR CLEANER INSTALLATION
- C4. CRANK CASE VENTILATION
- C5. COIL MOUNTING
- G** D1. EVAPORATOR MOUNTING
- H** D2. FREON PIPES & HOSES
- D3. FREON PIPES & GROMMETS
- J** D4. FREON HOSES & FITTING ASM

- K** **E**1. CONTROL ASM
- E2. RELAY, FUSE & GRD WIRE
- E3. INST PNL WIRING & RESISTOR
- L** E4. ENGINE COMP WIRING
- E5. WIRING DIAGRAM
- E6. STICKER & TEST PROCEDURES
- E7. THRU E21. GENERAL SPECS & PROCEDURES

3798086 Equip Body A/C conversion furn by Fisher Body as part of body asm to adapt bodies for Chev. Air Conditioning.

The following parts are released by Chevrolet & are installed by Fisher Body.

3840818 CLAMP-EVAP TO COMP CTR HOSE

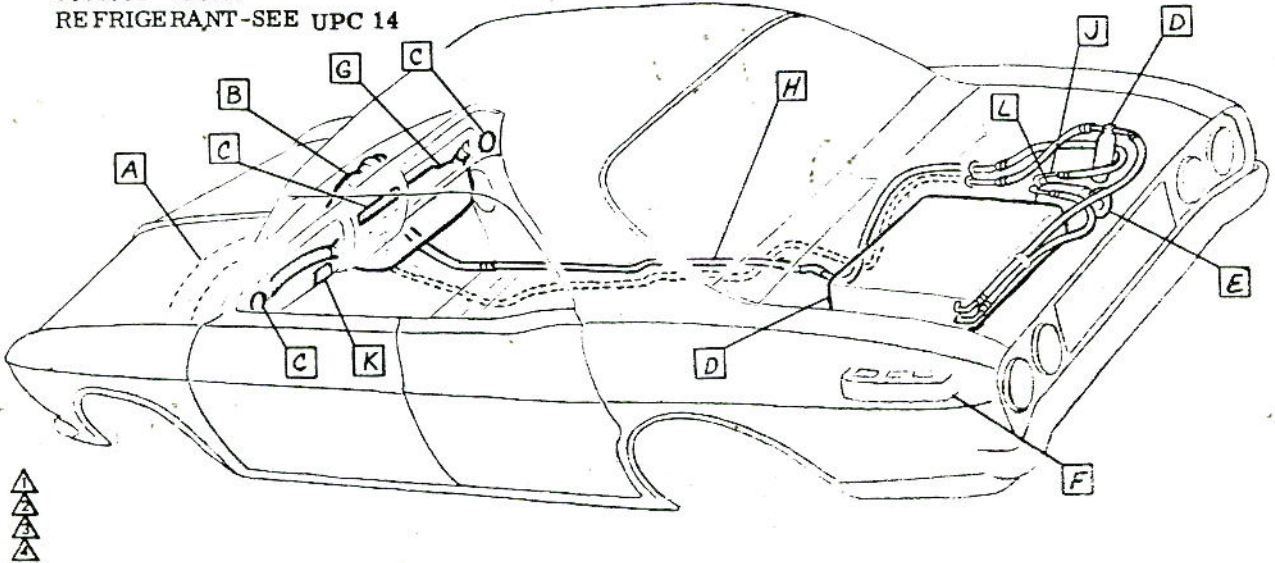
3816431 HOSE-EVAP TO COMP CTR

3359169 PIPE ASM COMP FRT CLIP EVAP

TO COMP FRT PIPE (10100-537-569) ²

³ 3868705 PIPE ASM. (10567)

- 3855497 CARRIER ASM-DIFF (EXC M35)
- SPRING-REAR-SEE UPC 3 SPRING CHART
- 3857076 U & HUB ASM-FRT SUSP (EXC CONV)
- 3861885 CONV
- REFRIGERANT-SEE UPC 14



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	REV	REVISION RECORD	NO.	BY
AIR CONDITIONING - CONTENTS		C64					
10100-500		A1.					
DWG PREL 4-3	WB	REF: Prel. A1	L-	L-			
DATE 4-15-64			L-	L-			
		SHEET <input checked="" type="checkbox"/>					



CHEVROLET

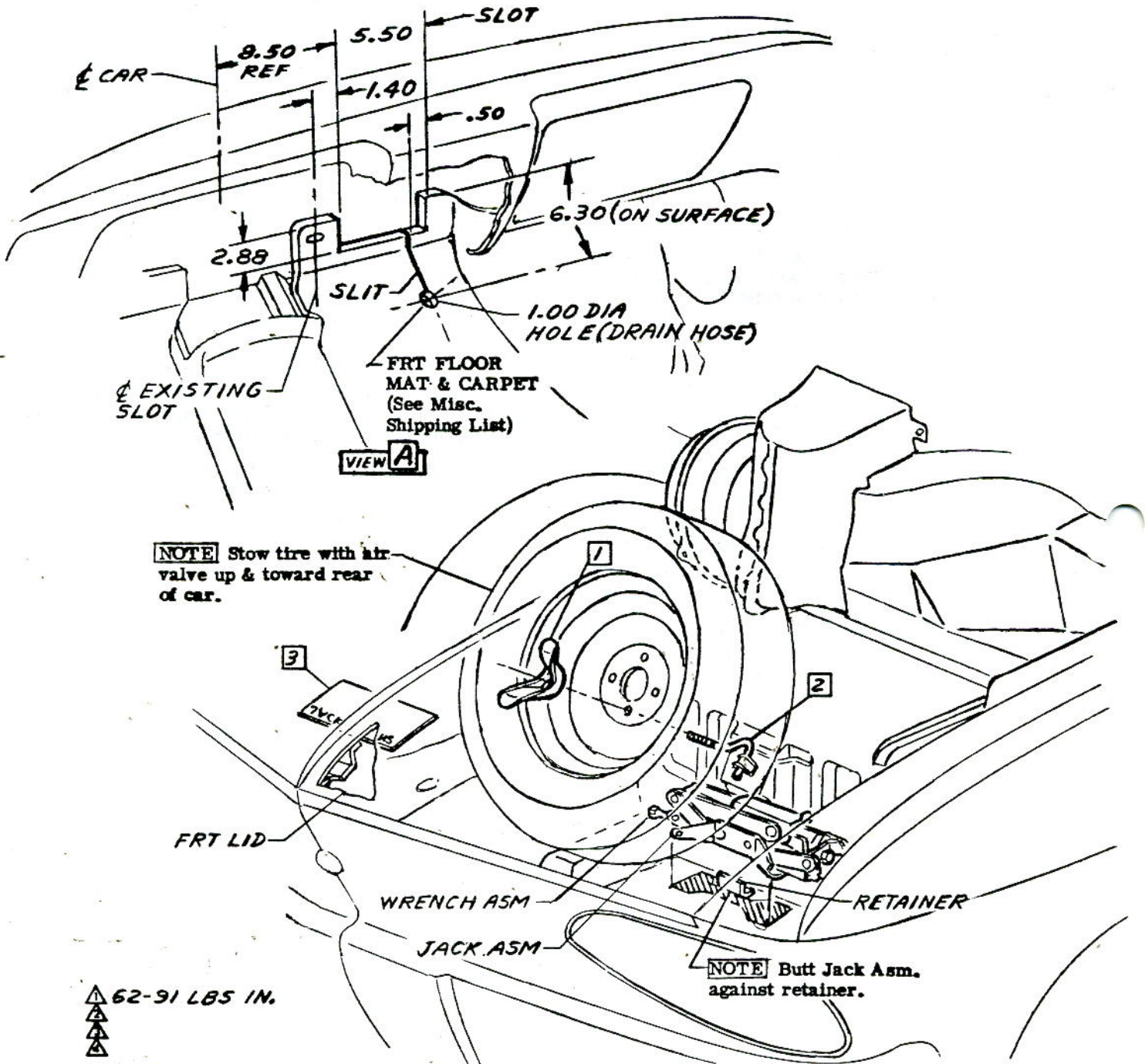
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIE

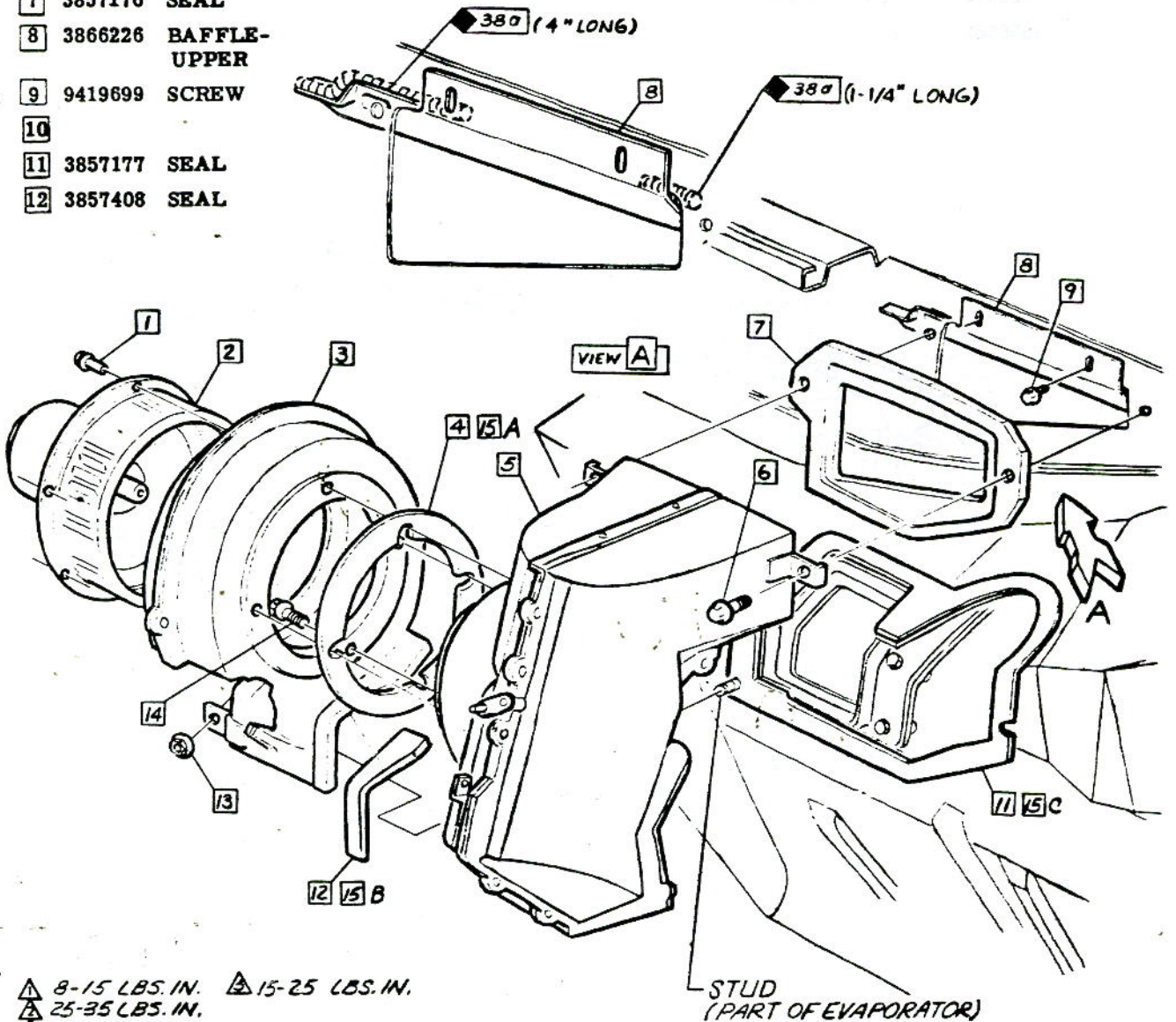
- ⚠ 1 3727540 NUT ASM.
- 2 3859065 BOLT-CLAMP

- 3 3859156 JACK INSTRUCTION
(CEMENT TO FRT. LID)



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING-JACK STOWAGE & FRT FLR MAT & CARPET		C64						
10100-500								
DWG PREL 2-21	WB REF: Prel. A2							
DATE 2-21-64	L-73/03							
		A2.						
		<input checked="" type="checkbox"/> SHEET						

- | | | | | | | |
|-----|---------|------------------|------|------------------------------|--------|---|
| ▲ 1 | 9421821 | SCREW | ▲ 13 | 3866846 | NUT | ③ |
| 2 | 3005136 | BLOWER MOTOR | ▲ 14 | 9421936 | SCREW | ⑤ |
| 3 | 3002573 | BLOWER CASE ASM. | ▲ 15 | 9981098 | CEMENT | |
| 4 | 3857099 | SEAL | | A-(Approx. .009.oz)-To Inlet | | |
| 5 | 3854280 | INLET ASM. | | B-(Approx. .004.oz)-To Case | | |
| ▲ 6 | 9420065 | SCREW | | C-(Approx. .002.oz)-To Inlet | | |
| 7 | 3857176 | SEAL | | (Approx. .002.oz)-To Plenum | | |
| 8 | 3866226 | BAFFLE-UPPER | | | | |
| ▲ 9 | 9419699 | SCREW | | | | |
| 10 | | | | | | |
| 11 | 3857177 | SEAL | | | | |
| 12 | 3857408 | SEAL | | | | |

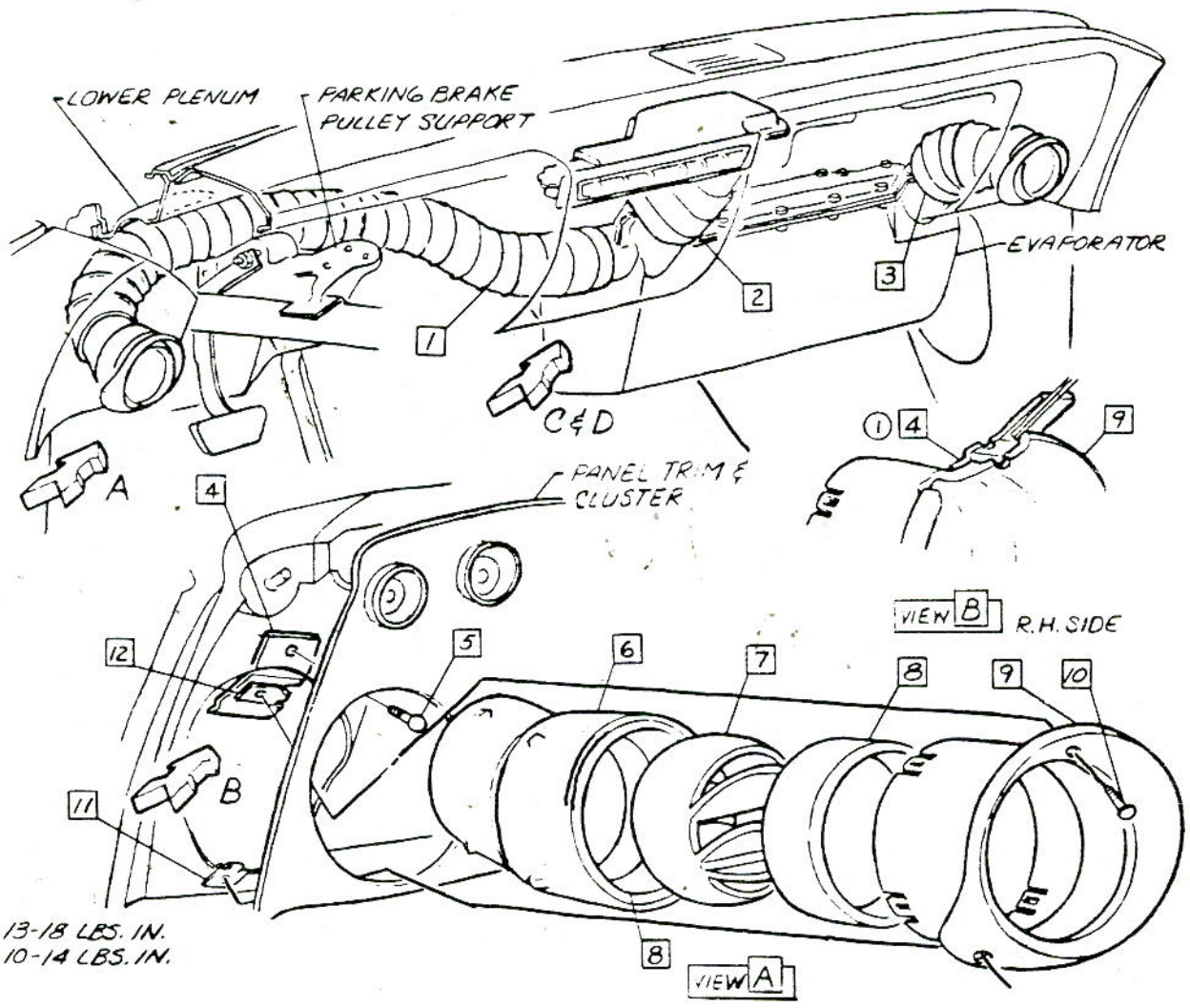


- ▲ 8-15 LBS. IN.
- ▲ 25-35 LBS. IN.
- ▲ 10-15 LBS. IN.
- ▲ 20-30 LBS. IN.

STUD
(PART OF EVAPORATOR)

● CHEVROLET MOTOR DIVISION, GMC ●		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING-BLOWER & AIR INLET		C64	2-1-65	8	3866228 BAFFLE REVISED	68650	MS	
10100-500			2-7-65	9	WAS 3873950 SCREW			
DWG PREL 2-24		WB	REF: Prel. A3	L- 73249	L-			
DATE 4-12-64			L-	L-	L-			
		A3.						
		SHEET						

- | | | | | | |
|-----|---------|--------------------|------|---------|-----------------------|
| 1 | 3858411 | HOSE-L. H. | 9 | 3856467 | BEZEL |
| 2 | 3858413 | HOSE-CENTER OUTLET | △ 10 | 9414754 | SCREW |
| 3 | 3858412 | HOSE-R. H. | 11 | 445344 | "J" NUT |
| 4 | 3856468 | RETAINER | 12 | 9420749 | "J" NUT |
| ② △ | 5 | 9422206 | | | SCREW-L. H. SIDE ONLY |
| | 6 | 3856471 | | | ADAPTER |
| | 7 | 3856472 | | | DEFLECTOR |
| | 8 | 3855562 | | | SEAL |



△ 13-18 LBS. IN.
△ 10-14 LBS. IN.
△
△

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING-SIDE OUTLETS & AIR HOSES				C64	7-10-64	1	WAS SYMEGL 13		WB	DD
					11-16-64	2	WAS 9418569 SCREW	15917	WB	DF
10100-500				Ref. A5.						
DWG PeEL 2-28 WB REF: Prel. A4 L-73249 L-72730				A4.						
DATE 4-25-64				△ SHEET						



CHEVROLET

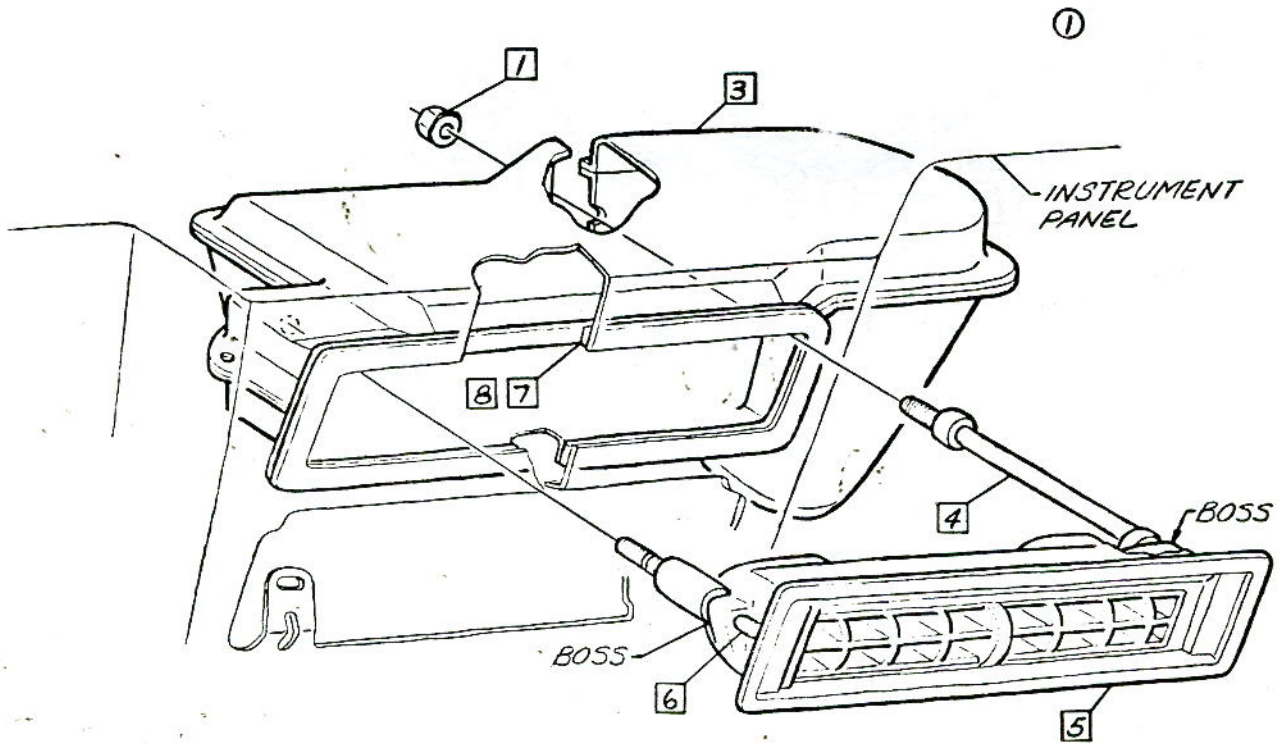
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- ① 1 3759924 NUT ASM
- ② 2
- ③ 3 3857095 DUCT ASM
- ④ 4 3873968 STUD-RH Install into boss on outlet asm
- ⑤ 5 3857270 OUTLET ASM
- ⑥ 6 3873967 STUD-LH Install into boss on outlet asm

- ⑦ 7 3857273 GASKET-Cement to flange on duct asm.
- ⑧ 8 9981098 CEMENT (APPROX .009 OZ)

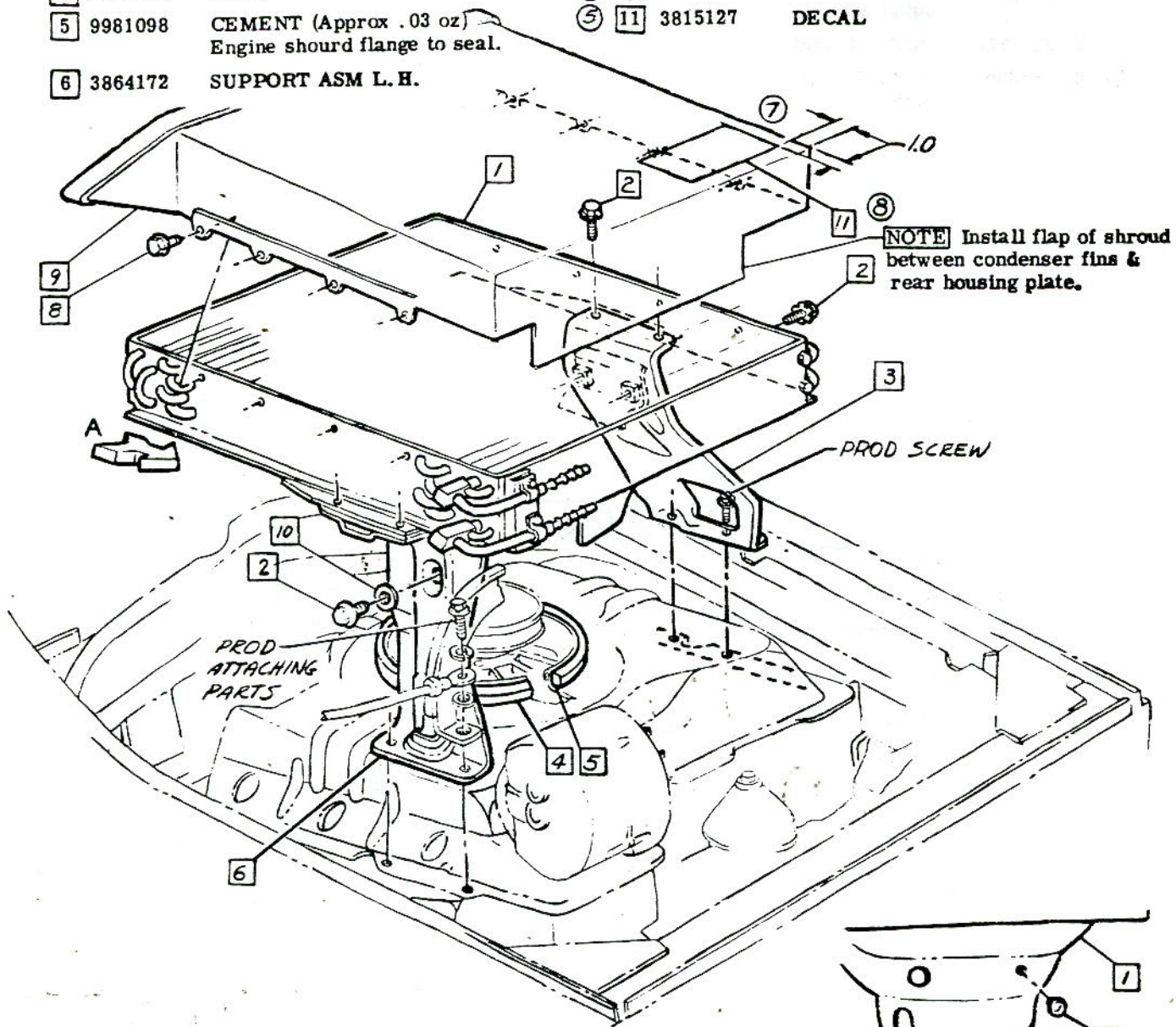


④ 15-20 LBS. IN.
▲
▲
▲

VIEW D

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK.
ER OUTLET				C64	7-2-64	1	VIEW C REMOVED	65582	WB	DF
					11-3-64	2	496161 P. WASHER REMOVED	67142	WB	
10100-500				Ref. A4. A5. SHEET X		3	WAS 120361 NUT			
						4	TORQUE (1) WAS 20-30 LBS. IN.			
						5	WAS 3857272 STUD			
						6	WAS 3857271 STUD			DF
DWG PREL. 4-2	WB	REF: Prel. A5	L-73211	L-						
DATE 4-12-64		L-	L-	L-						

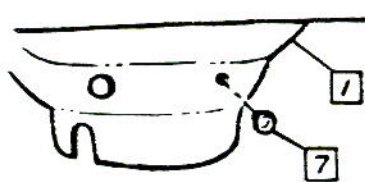
- | | | | | | | |
|-----|---------|---|---------|---------|---------|------------------------|
| ① 1 | 3869587 | CONDENSER ASM | 7 | 3721637 | PLUG | |
| △ 2 | 187979 | SCREW | ⑥ ② △ 2 | 8 | 3873950 | SCREW |
| 3 | 3157843 | SUPPORT ASM R. H. | ③ | 9 | 3869588 | SHROUD ASM |
| 4 | 3798176 | SEAL | ④ | 10 | 3748358 | PL WASHER (L. H. ONLY) |
| 5 | 9981098 | CEMENT (Approx .03 oz)
Engine shroud flange to seal. | ⑤ | 11 | 3815127 | DECAL |
| 6 | 3864172 | SUPPORT ASM L. H. | | | | |



NOTE Install flap of shroud between condenser fins & rear housing plate.

PROD SCREW

PROD ATTACHING PARTS



VIEW A

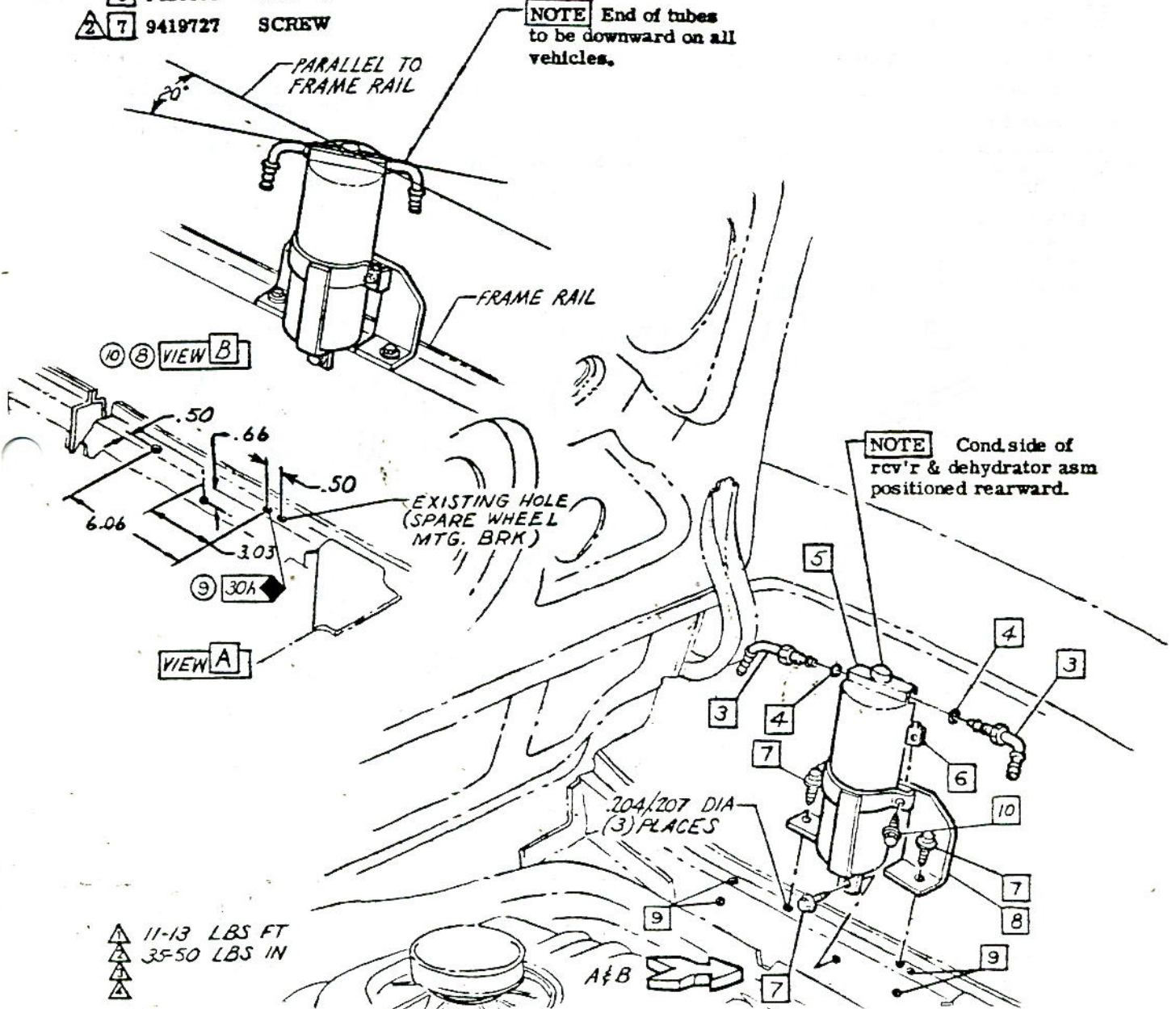
- △ 35-50 LBS IN
- △ 10-20 LBS IN
- △
- △

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
AIR CONDITIONING-CONDENSER ASM				C64	2-31-64	1	WAS 3855374 CONDENSER	64774	TH	
10100-500						2	ITEM 8 & TORQUE ADDED			
DWG APPL 4-17						3	ITEM 9 ADDED			
DATE EFL 4-17						4	ITEM 10 ADDED	15843		
REF: Prel. B1 L-72245 L-75717						5	ITEM 11 ADDED			DF
L- L- L-				B1.	12-30-64	6	WAS 3861264 SCREW	66967	JC	CI
				SHEET <input checked="" type="checkbox"/>	-19-65	7	DECAL DWG. REVISED	5959	BY	
						8	"INSTALLATION" NOTE ADDED			CI



- 1
- 2
- ① 3 3799317 TUBE ASM
- 4 8526398 "O" RING
- 5 3155342 RCV'R & DEHYDRATOR ASM
- ② 6 9420153 NUT "U"
- ② 7 9419727 SCREW
- 8 3862820 BRACKET ASM
- 9 9981145 SEALER (APPROX 3 INCHES PER JOB)-SPARE WHEEL MTG BRACKET -4 HOLES
- ② 10 9420065 SCREW

NOTE End of tubes to be downward on all vehicles.



NOTE Cond. side of rcv'r & dehydrator asm positioned rearward.

① 11-13 LBS FT
 ② 35-50 LBS IN

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CX																										
AIR CONDITIONING-RECEIVER & DEHYDRATOR		C 64	230-64	8	VIEW B ADDED	677	SK																											
				9	LUBE SYM ADDED	15344	RCI																											
10100-500		B2.	4-23-65	10	VIEW B REDRAWN & REVISED	70038	KM/C																											
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DWG PREL 4-17	DM	REF: Prod. 32	L-72245	L-	L-	L-	<input checked="" type="checkbox"/> SHEET																											
DATE REL 4-17																																		



3 8 6 2 1 0 0

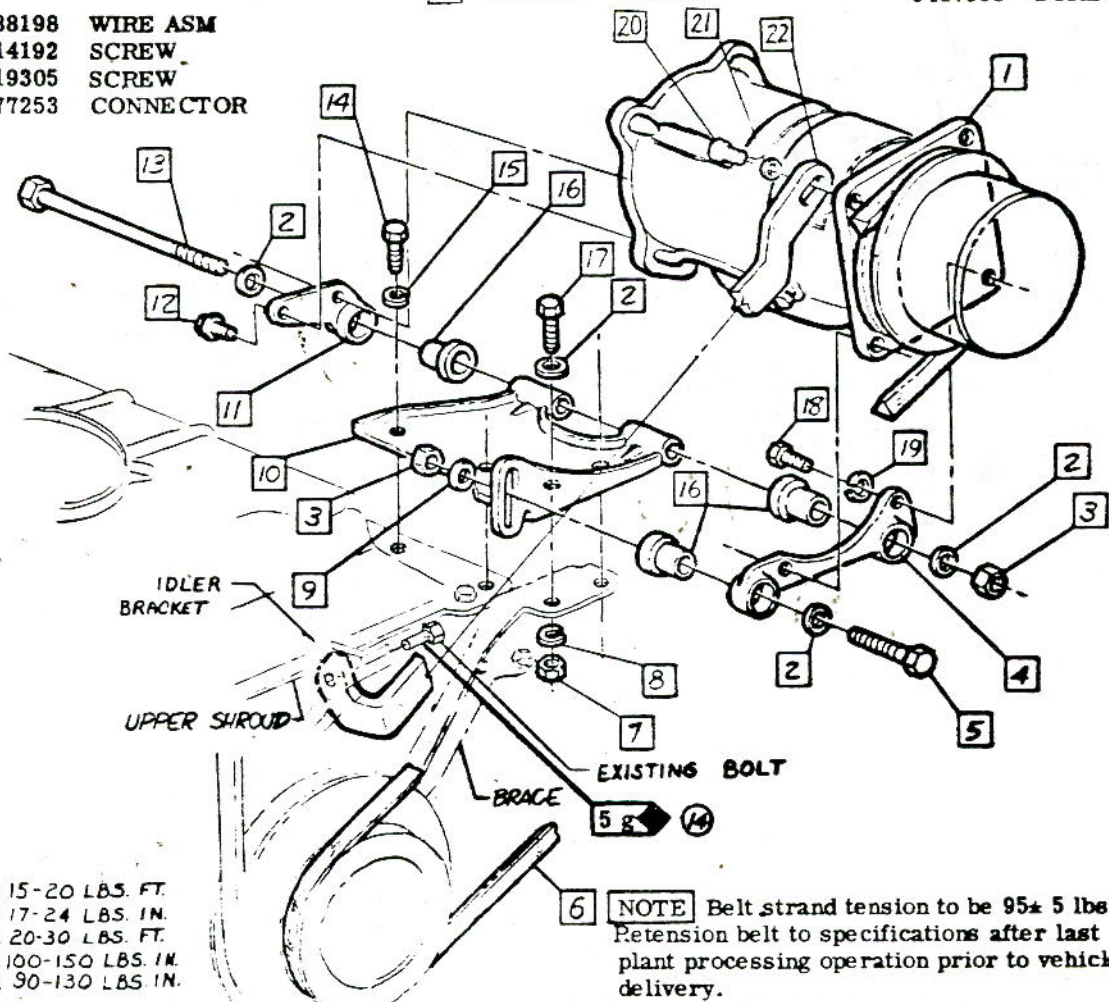
ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- | | | | | | |
|----|---------|----------------|----|---------|-------------|
| 1 | 6550111 | COMPRESSOR ASM | 11 | 3828942 | BRACKET ASM |
| 2 | 120394 | P. WASHER | 12 | 274840 | BOLT |
| 3 | 3816622 | NUT | 13 | 3794212 | BOLT |
| 4 | 3828943 | BRACKET ASM | 14 | 9417815 | BOLT |
| 5 | 180129 | BOLT | 15 | 120380 | L. WASHER |
| 6 | 3845053 | BELT | 16 | 3828944 | BUSHING |
| 7 | 120377 | NUT | 17 | 122126 | BOLT |
| 8 | 103321 | L. WASHER | 18 | 444684 | BOLT |
| 9 | 3779986 | P. WASHER | 19 | 187119 | L. WASHER |
| 10 | 3833498 | SUPPORT ASM | 20 | 181591 | BOLT |
| 11 | 2988198 | WIRE ASM | 21 | 9419275 | WASHER |
| 12 | 9414192 | SCREW | 22 | 3880744 | BRACE |
| 13 | 9419305 | SCREW | | | |
| 14 | 2977253 | CONNECTOR | | | |

- ① The following parts are installed the same as regular production:
- 3873877 ENGINE ASM (AS SHIPPED)
 - 3874401 R. P. O. M35
 - 3873879 R. P. O. L62
 - 3874403 RPO L62 WITH RPO M35
 - 3851971 DUCT & DAMPER ASM L. H.
 - 3851894 SHROUD ASM-ENG UPPER
 - 3156432 THERMOSTAT ASM
 - 7025025 CARBURETOR ASM
 - 1100698 GENERATOR ASM
 - 3787922 PIPE ASM-GAS R. H.

- ② The following parts are installed the same as regular production 10700.
- 3851972 COVER-EXH DUCT
 - 9417558 SCREW



- △ 15-20 LBS. FT.
- △ 17-24 LBS. IN.
- △ 20-30 LBS. FT.
- △ 100-150 LBS. IN.
- △ 90-130 LBS. IN.

NOTE Belt strand tension to be 95 ± 5 lbs. Retension belt to specifications after last plant processing operation prior to vehicle delivery.

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
IR CONDITIONING-COMPRESSOR MOUNTING				C64	12-25-65	11	3873877 HAS 3873909	65521	BA	
							3874401 HAS 3873313			
				C1.	3-31-65	12	3873879 HAS 3873311			CI
							3874403 HAS 3873915			
10100-500							TOP L.E ADDED	65055	JK	CI
DWG PREL 3-47							WASHER WASHER	65055	LC	CI
DATE REL. 4-27							LUB SYM ADDED	70791	LS	CI



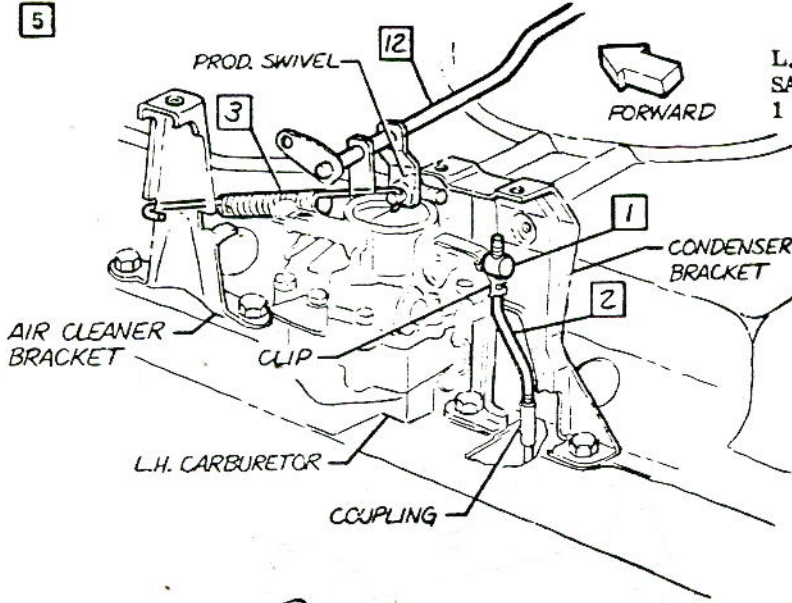
3 8 6 2 1 0 0

ASSEMBLY INSTRUCTIONS

3862100

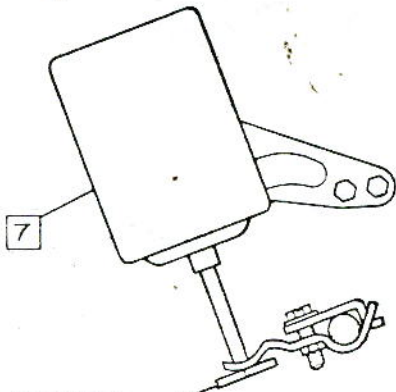
CORVAIR 10000 SERIES

- | | | | | | |
|---|-------------------------|---|--------------------------|----|-----------------------------------|
| 1 | 3813788 SWIVEL | 6 | 3759924 NUT | 10 | 3856673 LEVER IDLE CONTROL |
| 2 | 3819239 ROD-CHOKE L. H. | 7 | 3875860 CONTROL ASM-IDLE | 11 | Evaporator to compressor wire asm |
| 3 | 3787041 SPRING | 8 | 3856674 CLAMP | 12 | 3813760 SHAFT ASM.-CROSS |
| 4 | 9419320 SCREW | 9 | 9421033 SCREW | | |
| 5 | | | | | |



L.H. CHOKE ADJUSTMENT PROCEDURE SAME AS NEG. PROD. (U. P. C. 6) EXCEPT STEPS 1 & 2 REPLACED BY:

1. Before installing condenser bracket & carburetor, thread choke rod into coupling approx. 26 turns or to .65 engagement.
2. After installing condenser bracket & carburetor, hold choke blade in closed position & while holding choke rod upward against internal stop, thread swivel onto choke rod until swivel enters freely into choke valve lever, then back out rod two (2) turns.

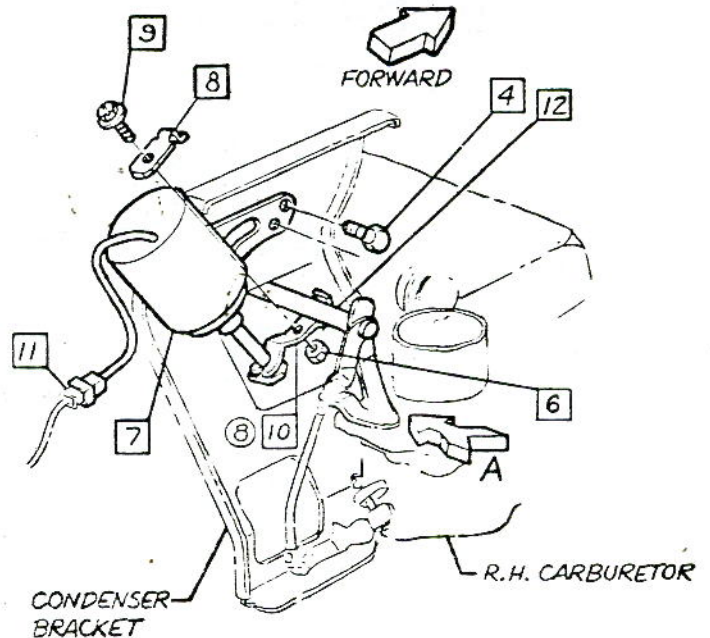


GAP ADJUSTING SCREW

NOTE Adjust gap setting by turning gap adjusting screw to maintain +50 R. P. M. over recommended curb idle when air conditioning is "on". (Compressor clutch engaged).

VIEW A

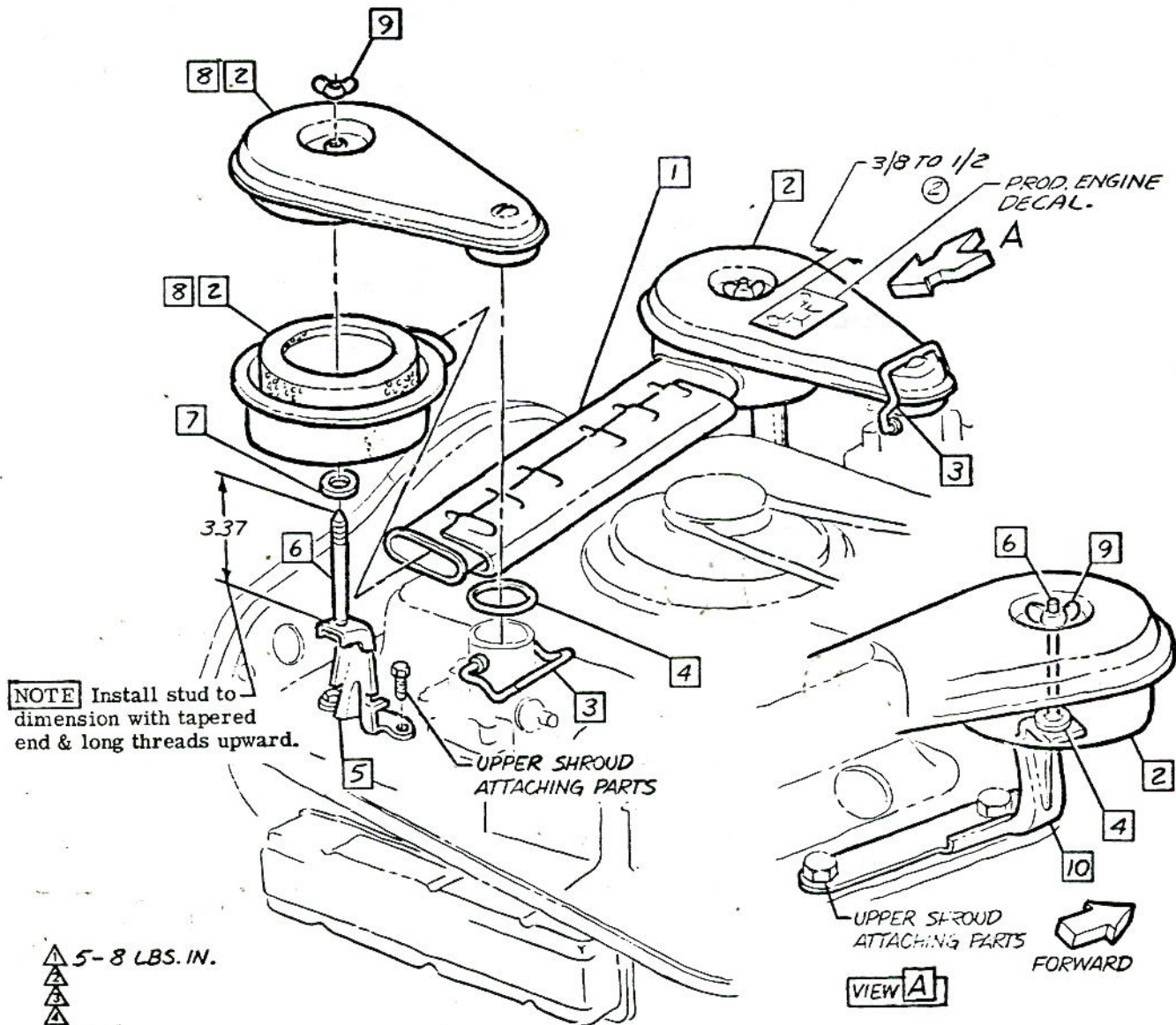
- ▲ 15-22 LBS. IN.
- ▲ 20-30 LBS IN
- ▲



* CHEVROLET MOTOR DIVISION, GMC *		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING-IDLE CONTROL & CHOKE ROD INSTALLATION.		C64	2-23-65	B	WAS 3420506 SCREW	15375	DH	CI
10100-500		C2.			ITEM 6 ADDED			CI
DWG PREL. 3-24	6JW.	REF: Prel. C4	L-72041	L-				
DATE REL. 4-27		L-	L-	L-				
		7 SHEET						

- 1 3794222 INTAKE ASM-AIR
- ① 2 6420891-2 AIR CLEANER ASM-L. & R.H.
- 3 3788515 CLAMP
- 4 3799840 GASKET
- 5 3782051 BRACKET ASM-L.H.
- 6 3718921 STUD

- 7 5646135 GASKET
- 8 8 PART OF AIR CLEANER ASM.
- △ 9 9420440 NUT-WING
- 10 3813520 BRACKET ASM-R.H.

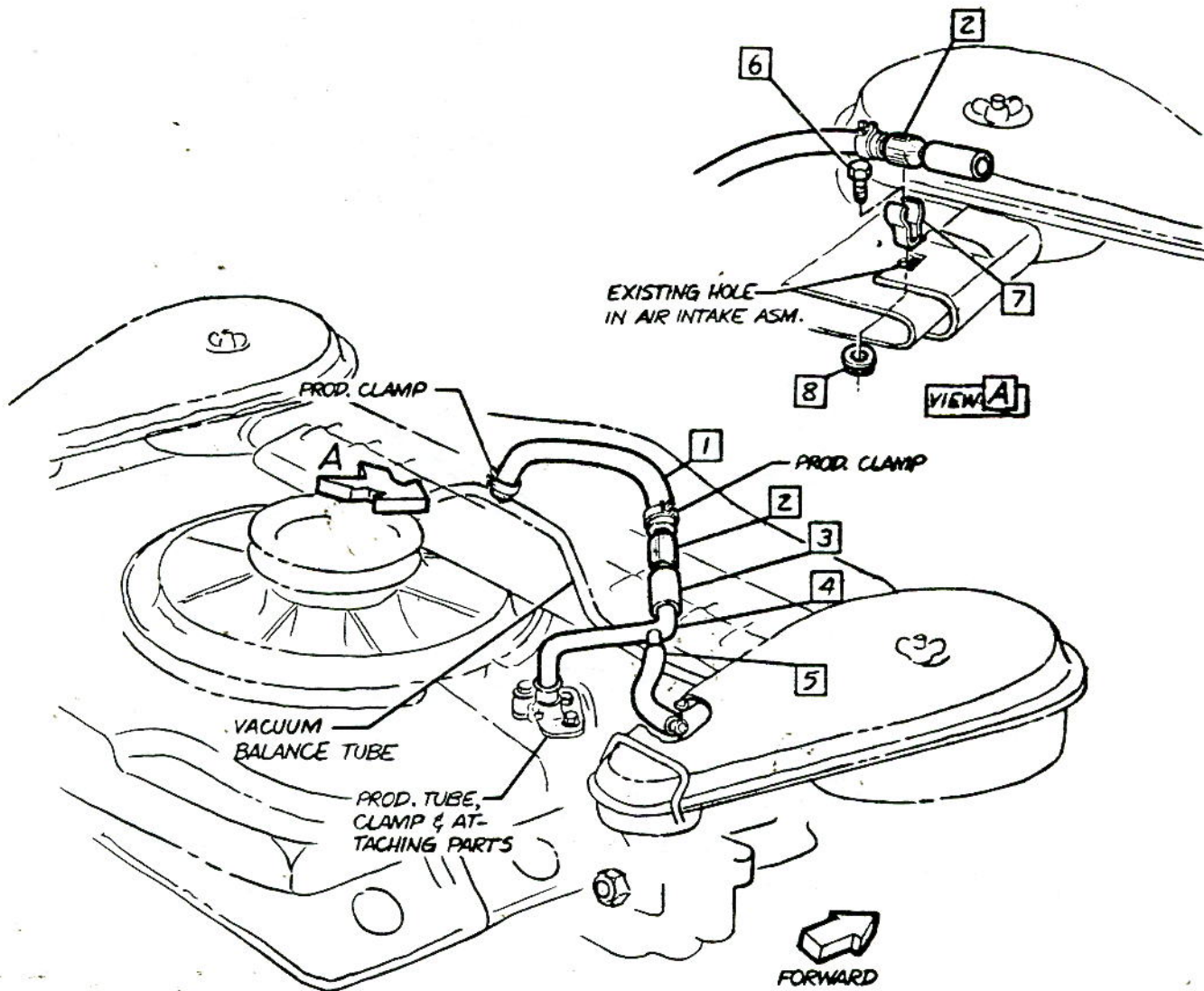


CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING-AIR CLEANER INSTALLATION		C64	6-29-64	1	VIA 6419025-6 AIR CLEANERS	6446	GW	CF
			12-14-64	2	PROD DECAL & DIM. ADDED	66547	JC	CI
10100-500		C3.						
DWG PREL. 3-18	GW		REF: Prel. C2	L-	L-			
DATE REL. 4-27			L-	L-				
		SHEET						



- 1 3794219 HOSE
- 2 6419551 VALVE ASM
- 3 3794213 HOSE
- 4 3794220 TUBE ASM
- 5 3823254 HOSE

- 6 456867 SCREW
- 7 3830647 CLAMP
- 8 9419842 NUT



▲ 15-25 LBS. IN.
 ▲
 ▲
 ▲

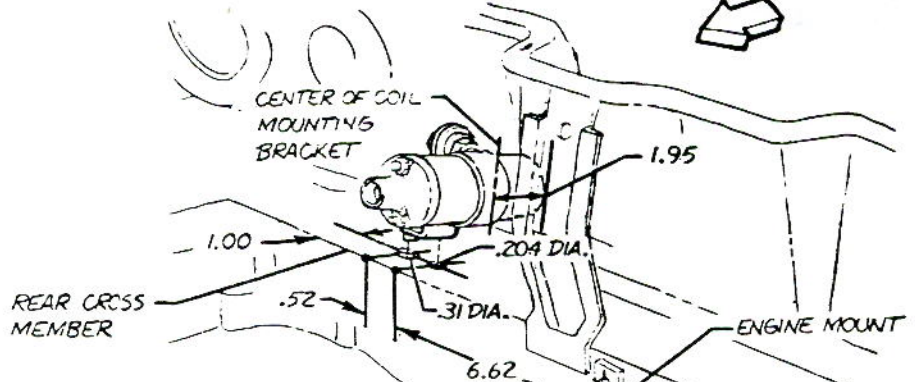


CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING-CRANKCASE VENTILATION				C64						
10100-500				C4.						
DWG PREL. 3-20	GW	REF: Prel. C3	L-	L-						
DATE REL. 4-27		L-63592	L-	L-						
				<input checked="" type="checkbox"/> SHEET						

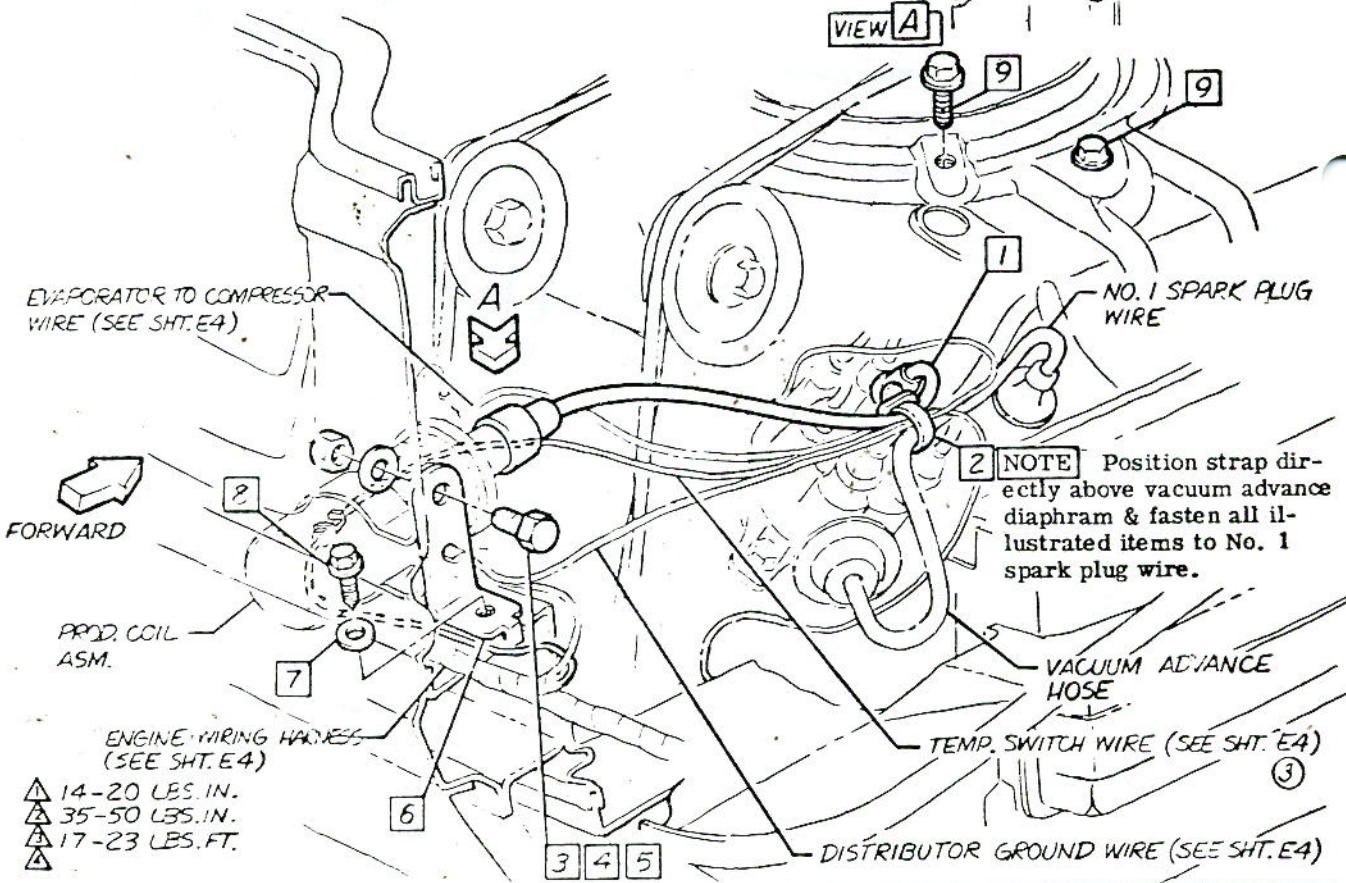
- 1 2978796 WIRE ASM-HI TENSION
- 2 4778650 STRAP
- 3 9419346 BOLT
- 4 9419234 P. WASHER
- 5 9418931 NUT
- 6 3867246 BRACKET

- 7 120392 WASHER
- 8 9414192 SCREW
- 9 423553 SCREW-USED AS PLUG

FORWARD



VIEW A

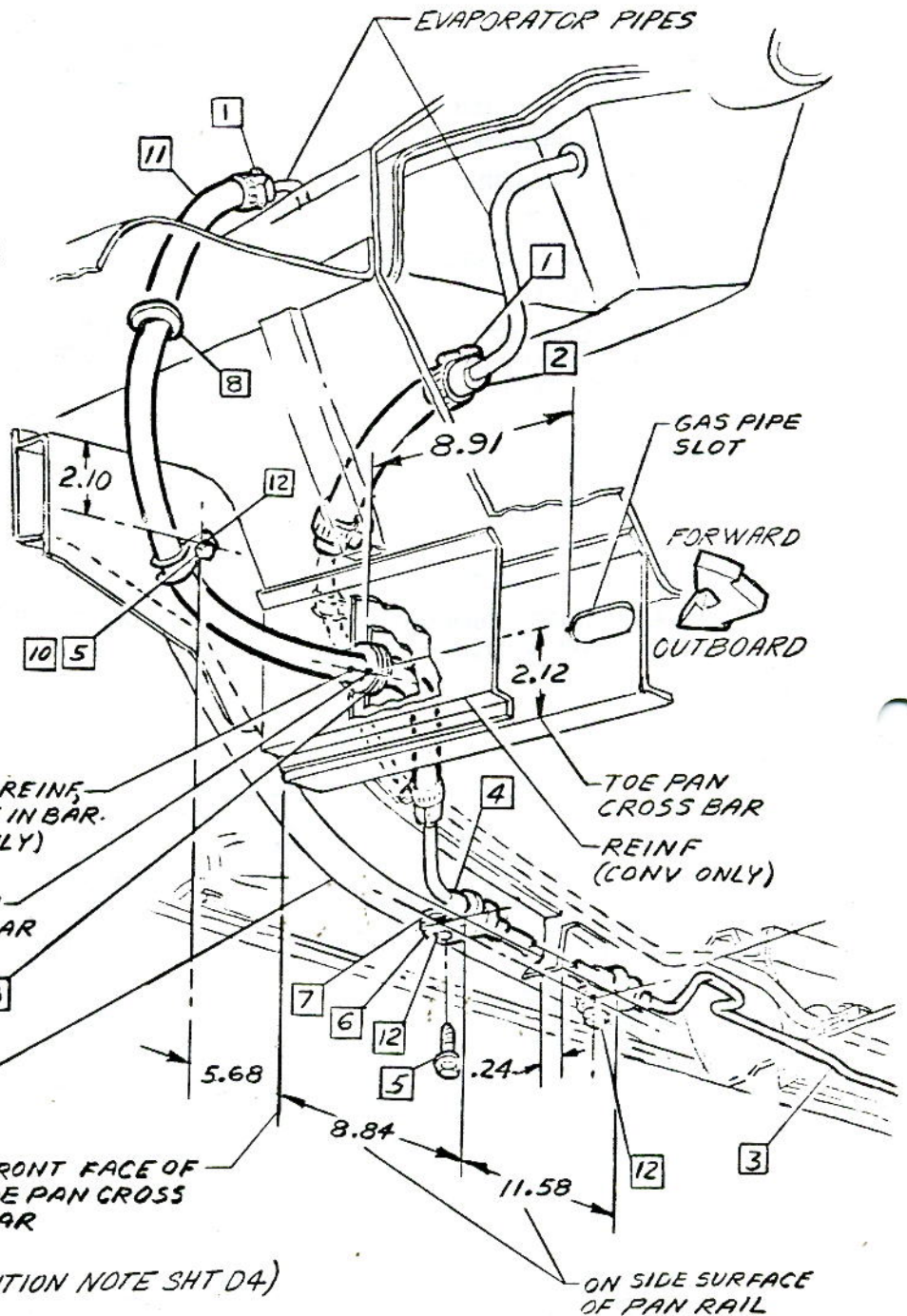


- ▲ 14-20 LBS. IN.
- ▲ 35-50 LBS. IN.
- ▲ 17-23 LBS. FT.

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
AIR CONDITIONING - COIL MOUNTING		C64	3-2-65	2	REVISED	65503	65503	GM/DA
10100-500			3-4-65	3	WIRE ROUTING REVISED		63473	K/M/CI
DWG PREL. 4-13 GW REF: Prel. C5 L-75593 L-			3-19-65	4	WAS 446188 WASHER		69397	DA/CI
DATE REL. 4-13		C5.						
SHEET 1								

- ① 1 3840818 CLAMP
- 2 3868732 HOSE
- 3 3859171 PIPE ASM (10567 ONLY)
- 4 3727841 INSULATOR
- ⑨ ② 5 3873950 SCREW
- 6 3749747 CLIP
- 7 3755763 SPL. WASHER
- ⑦ 8 3873954 GROMMET
- ⑧ 9

- 10 120529 CLIP
- 11 3792345 HOSE
- 12 .147/.150 DIA HOLE



⑩ ① 25-32 LBS IN (SEE CAUTION NOTE SHT D4)
 ① 18-23 LBS IN
 ①

• CHEVROLET MOTOR DIVISION, GMC •		U.P.C.	DATE	SYM	REV.	RECORD	AUTH.	DR	CK
AIR CONDITIONING - HOSES, PIPES & GROMMETS		C64	7	7/28/64	1	WAS 3798238 GROMMET	66034	517	
			8			9980607 CEMENT (.08 02.)			DF
10100-500		REF. D 3	9			REMOVED			
			10	12-14-64		WAS 3861264 SCREW	66967	517	CF
DWG PREL 4-22-64 BFM		D2.	REF: Prel. D2 L-73696 L-65030		TORQUE (1) WAS 33-35 LBS. IN.		68123	517	GI
DATE REL 4-30-64			L-66004 L-						
		① SHEET							

21 3873952 GROMMET

22 3873953 GROMMET

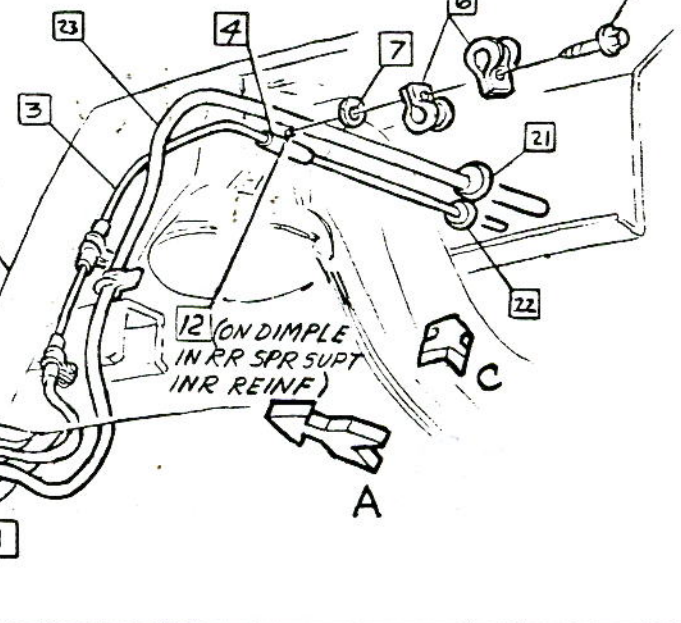
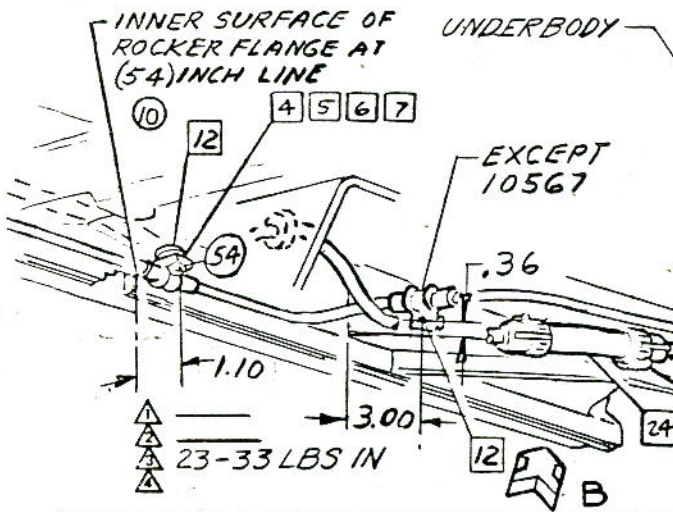
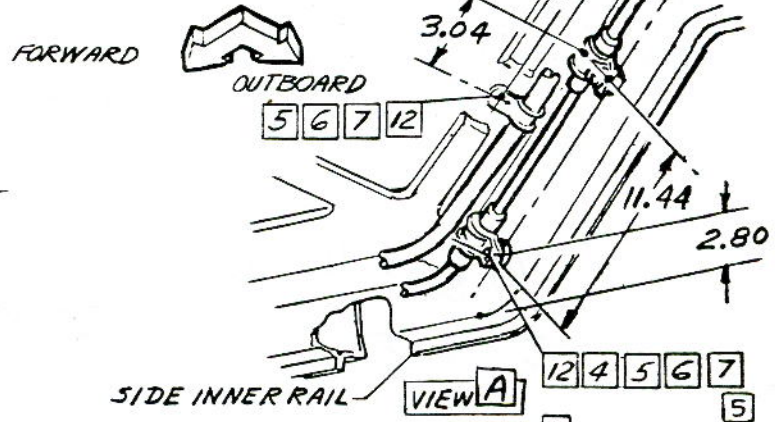
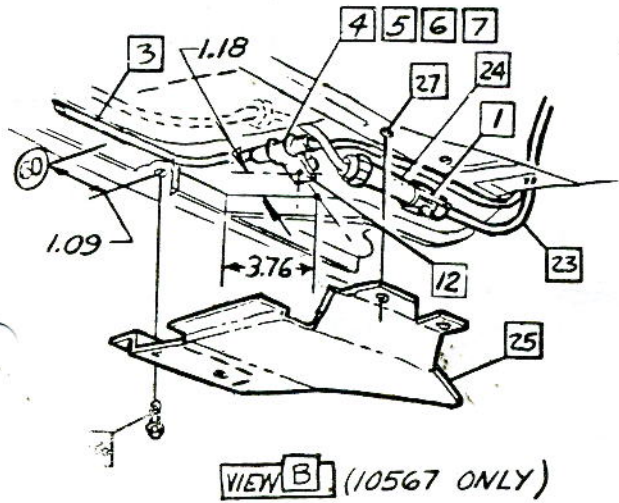
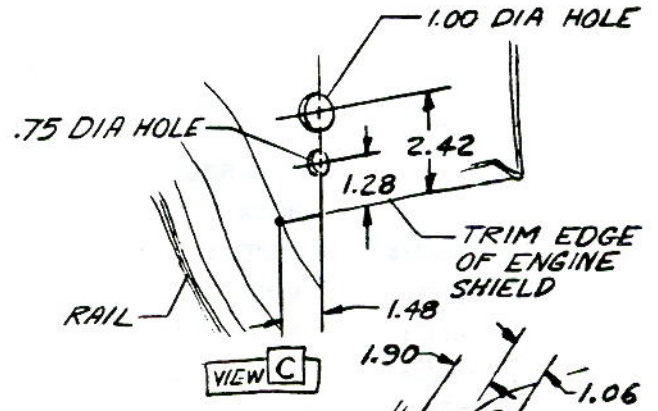
23 3870207 PIPE ASM
(10567 ONLY)

24 3816431 HOSE

25 3868739 SHIELD

26 3873950 SCREW

27 Position 25 to underbody and use as template to drill (4) .147/.150 dia. holes.



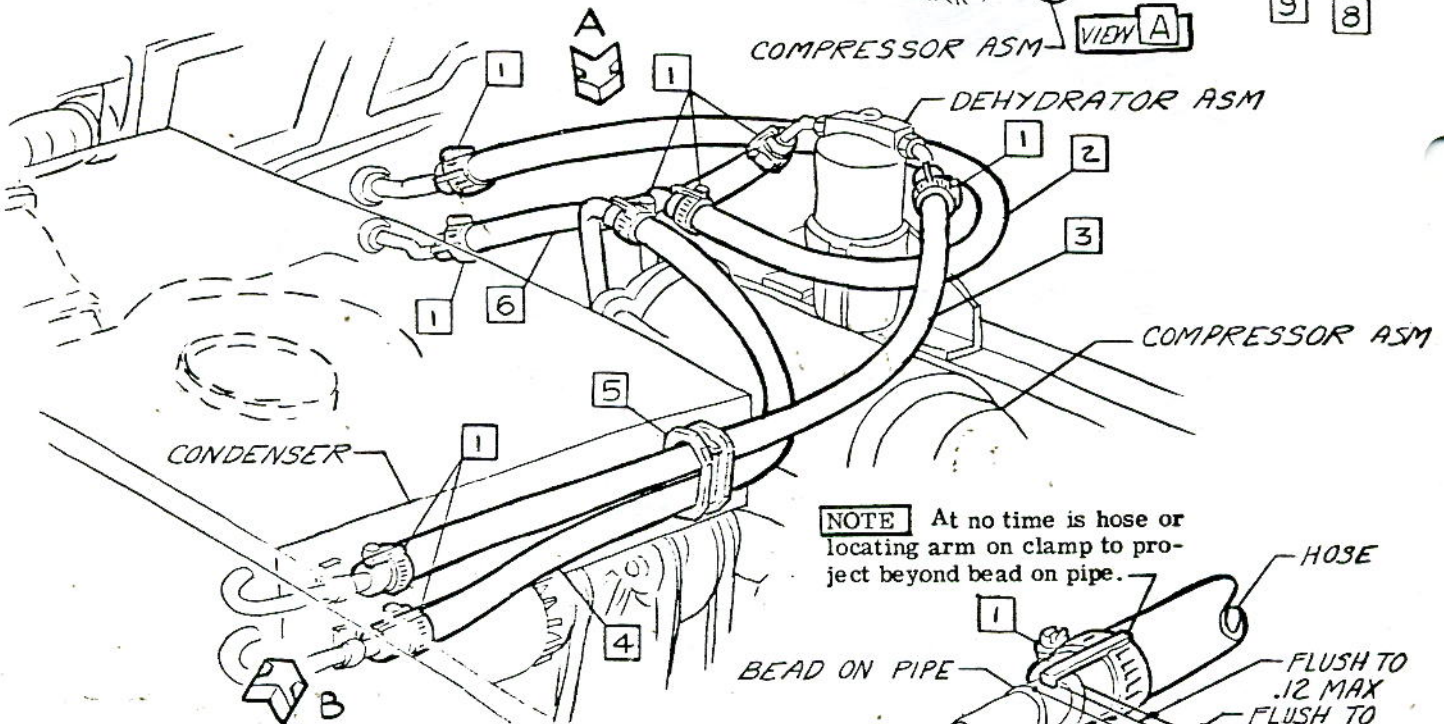
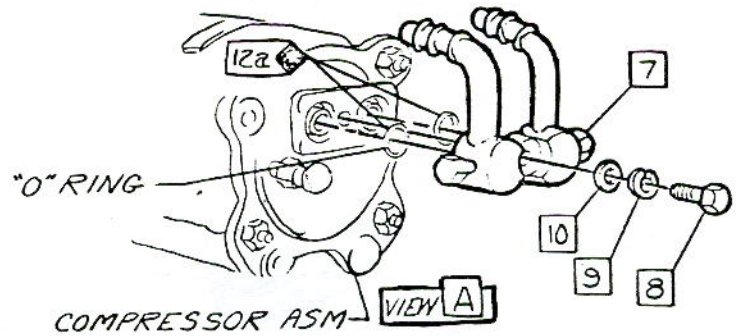
• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING - HOSES, PIPES & GROMMETS		C64	REF. D 2	8 3870207 WAS 3870206	66467	BM	
10100-500				9 3868706 WAS 3870706	66967		
DWG PREL 4-22 BM REF: Prel. D3 L-73696L-65030		D3.	SHEET X	10 WAS 3861264 SCREW	66967		
DATE PREL 4-30 L-65004L- L-				10 WAS .50" INCH LINE	15928	DF	

- ① 1 3840818 CLAMP
- 2 3792339 HOSE
- 3 3792345 HOSE
- 4 3870203 HOSE
- 5 3770259 CLIP SPL.
- 6 3793823 HOSE
- 7 3855375 FITTING ASM
- ② 8 181638 BOLT
- 9 103321 L. WASHER
- 10 120394 SPL. WASHER

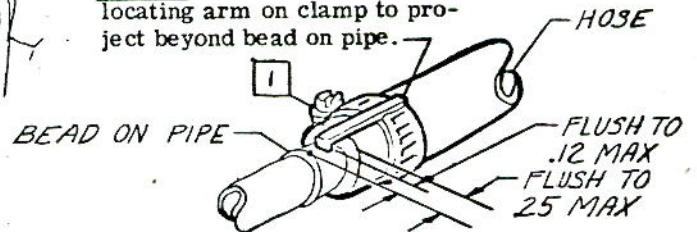
The following parts are installed the same as UPC L87.

- 3869520 CLAMP ASM.
- 3863667 HOSE
- 3851897 CONNECTOR
- 9417227 RIVET

③ **CAUTION** Hose clamp screw torques of 25-32 lbs. in. are for initial installation only, & will drop off. Residual torques must not be less than 10 lbs. in. at any time. If torques fall less than 10 lbs. in. after initial installation, clamp screw should be retightened to 20-25 lbs. in.



NOTE At no time is hose or locating arm on clamp to project beyond bead on pipe.

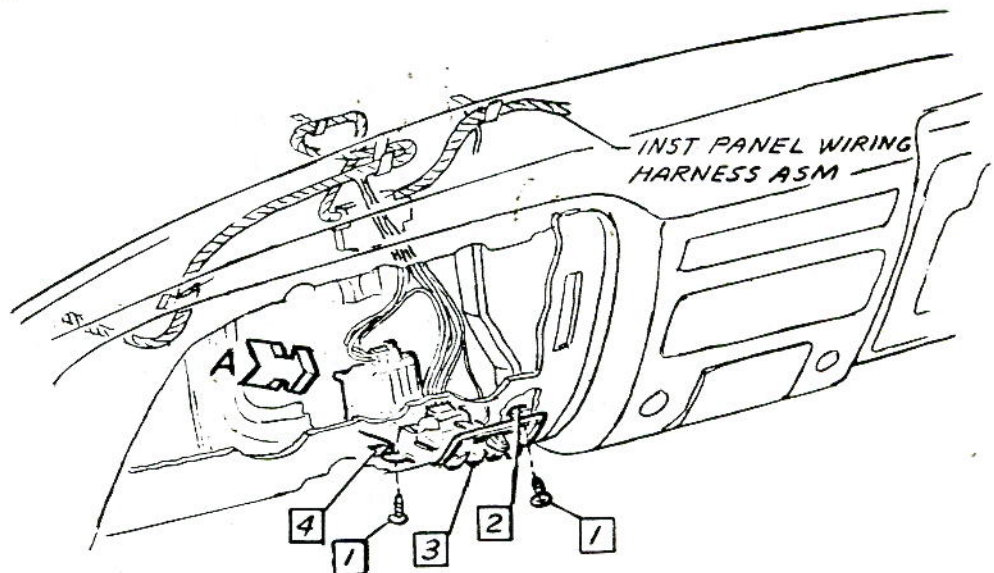
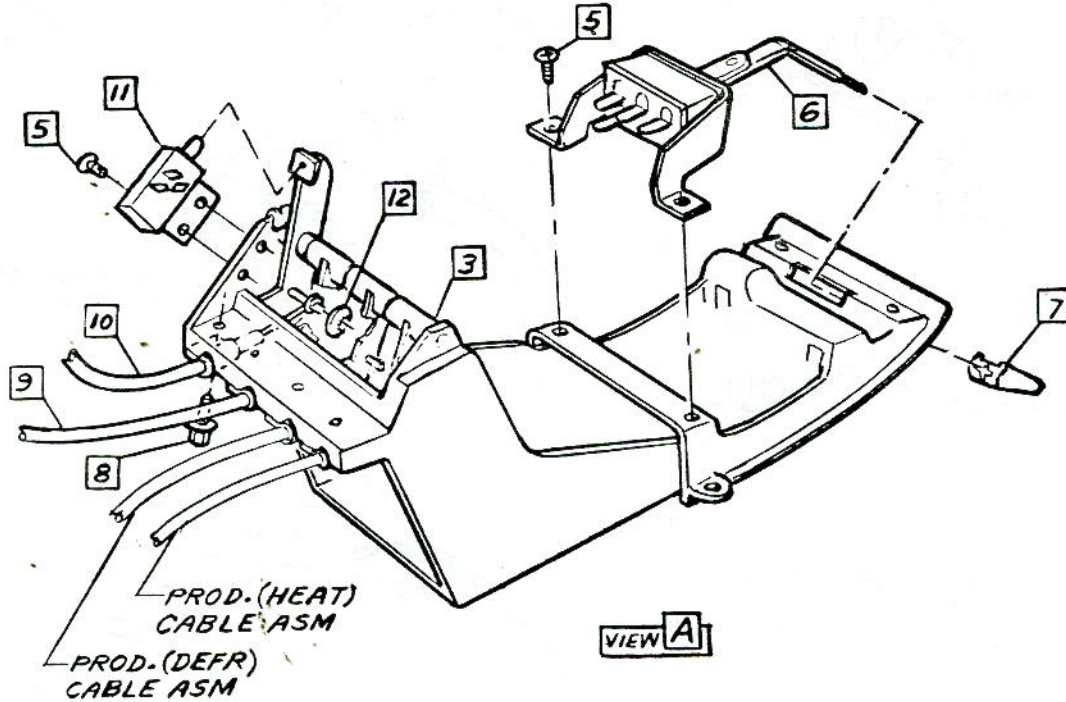


VIEW B TYPICAL FOR ALL HOSES

⑦ 25-32 LBS IN (SEE CAUTION NOTE)
17-33 LBS FT

* CHEVROLET MOTOR DIVISION, GMC *		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
HOSES & FITTING ASSEMBLY		C64	12-19-64	7	TORQUE (1) WAS 30-35 LBS. IN. (66123) BR			
				8	CAUTION NOTE REVISED			CI
10100 - 500		D4.						
DWG PREL 4-9 BM REF: Prel. D4 L-72245L								
DATE REL 4-9		SHEET						

- ① 1 3839187 SCREW
- ② 2 9420137 "J" NUT
- ③ 3 3855624 CONTROL ASM
- ④ 4 3860140 "J" NUT
- ⑤ 5 9420890 SCREW
- ⑥ 6 3855028 SWITCH ASM
- ⑦ 7 3857121 KNOB
- ⑧ 8 3873950 SCREW
- ⑨ 9 3873955 CABLE ASM (AIR SHUT OFF)
- ⑩ 10 3861650 CABLE ASM (COOL CONTROL)
- ⑪ 11 3870248 SWITCH ASM (AIR SEL)
- ⑫ 12 3126659 CABLE NUT

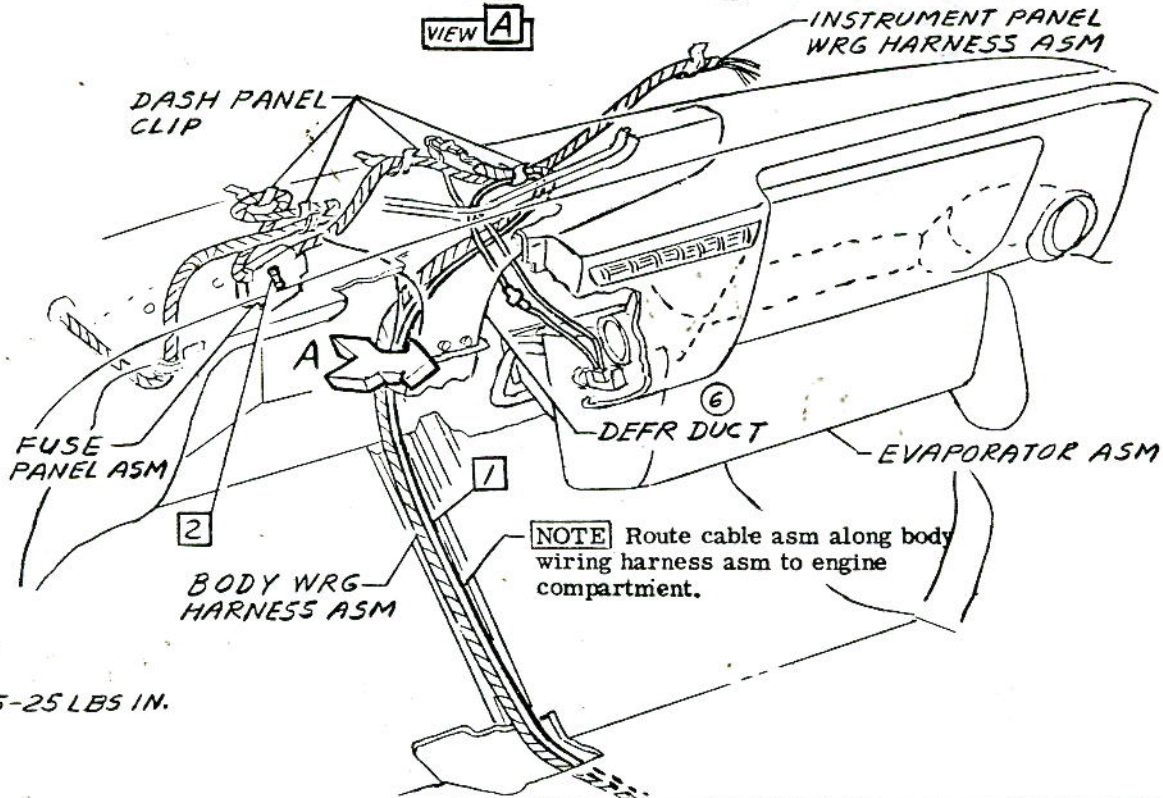
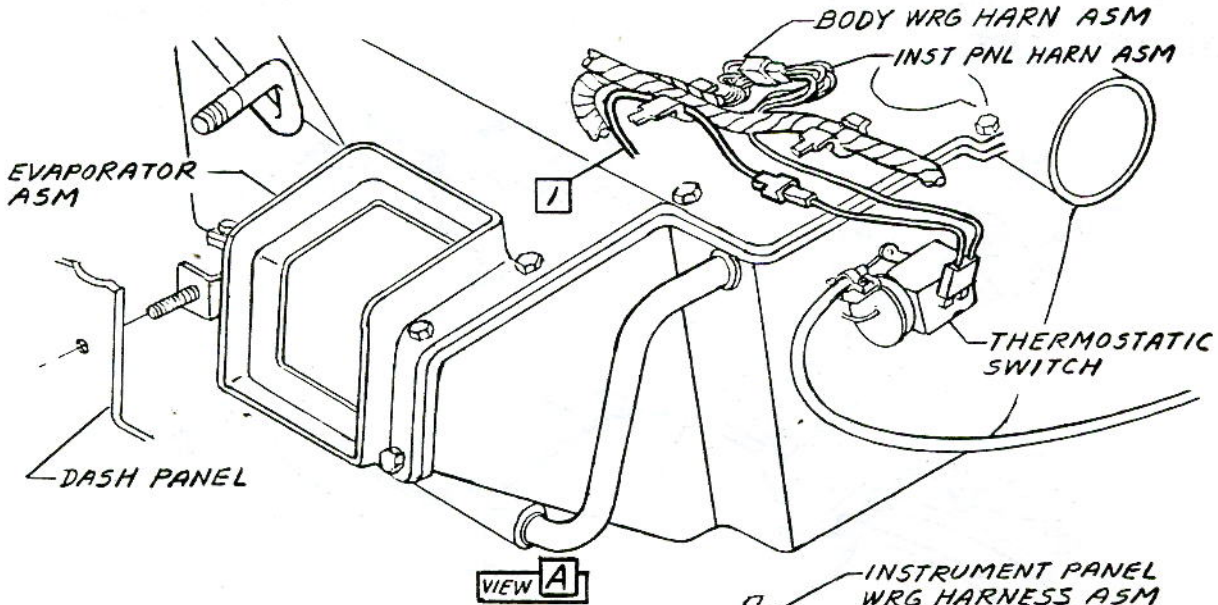


- ▲ 15-20 LBS IN.
- ▲ 30-40 LBS IN.
- ▲
- ▲

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
AIR CONDITIONING-CONTROL ASM 10100-500 DWG/PREL-3-31 FM REF: Prel. E19 L-75237 L- DATE/REL-5-8 L-73723 L-65002 L-		C64	6-25-64	1	WAS 3833221 SCREW	64416	FM	DF
			7-22-64	2	WAS 3255029 SWITCH	65684	FM	WB
			8-12-64	3	WAS 273445 SCREW	65827	FM	DF
			8-13-64	4	WAS 3861652 CABLE	66027	FM	
				5	WAS 3861264 SCREW	66967		DF
		E1.						
		SHEET X						

- ⑤ 1 2988806 CABLE ASM (EVAPORATOR TO COMPRESSOR WIRE)
- ② 106653 FUSE (SEE UPC 12)
- ①

- ②
- ③
- ④



▲ 15-25 LBS IN.
 ▲
 ▲
 ▲

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING- RELAY, FUSE, GROUND WIRE & CABLE ASM		C64	Enoch	1	120151 FUSE REMOVED	64416	FM	
10100-500				2	9421936 SCREW (15-25 LBS IN.) REMOVED			
DWG PREL 3-25 FM REF: Prel. E18 L- L- DATE REL. 3-25		E2.		3	1116992 RELAY REMOVED			
				4	2966137 WIRE REMOVED			DF
		SHEET	7-22-64	5	WAS 2981842 CABLE	57582	FM	
				6	DEFR DUCT ADDED			HB

3862100

CORVAIR 10000 SERIES

1 2989475 HARNESS ASM-INST PNL
2989476 RPO M35

7 3873950 SCREW

4 3126659 CABLE NUT

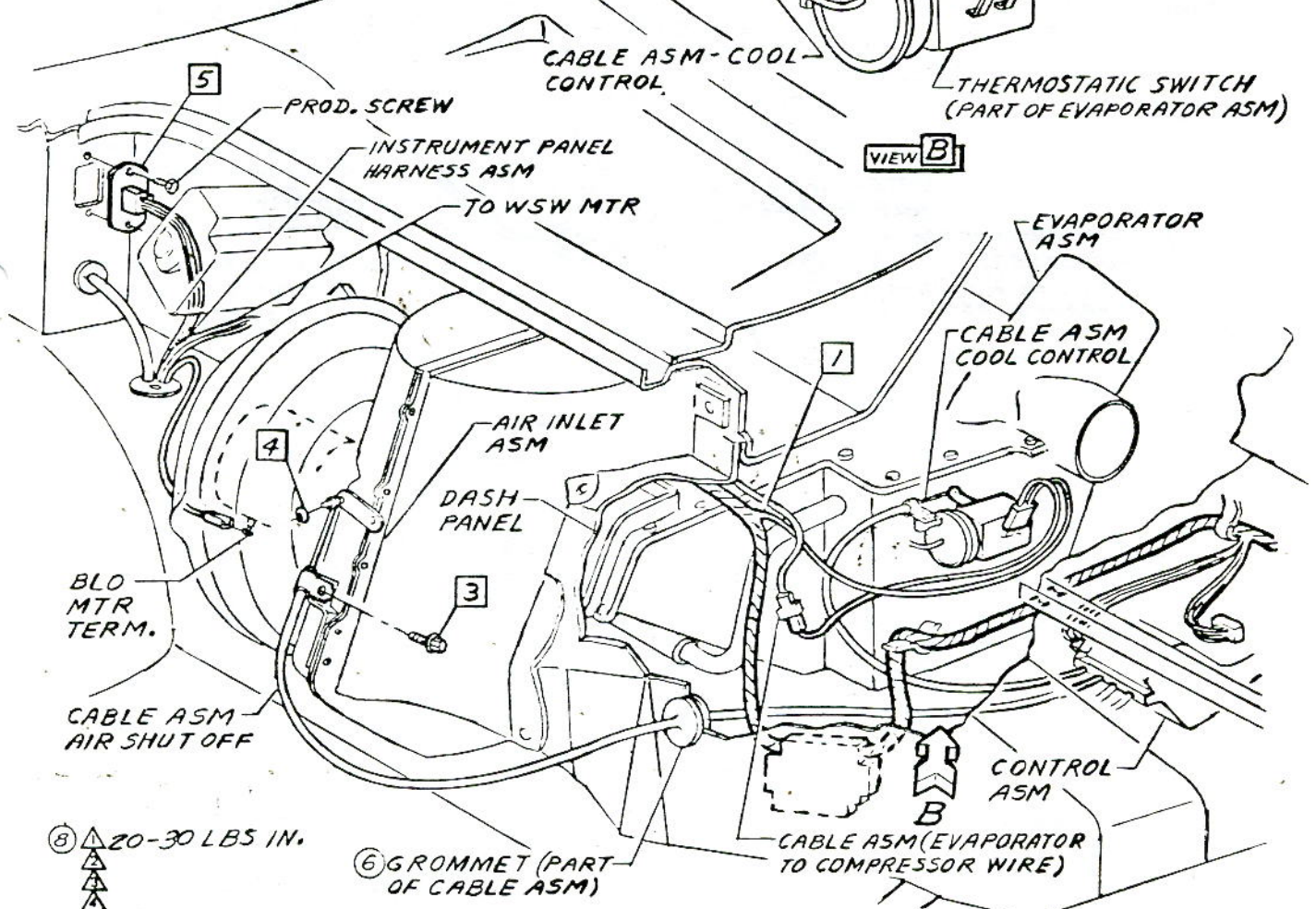
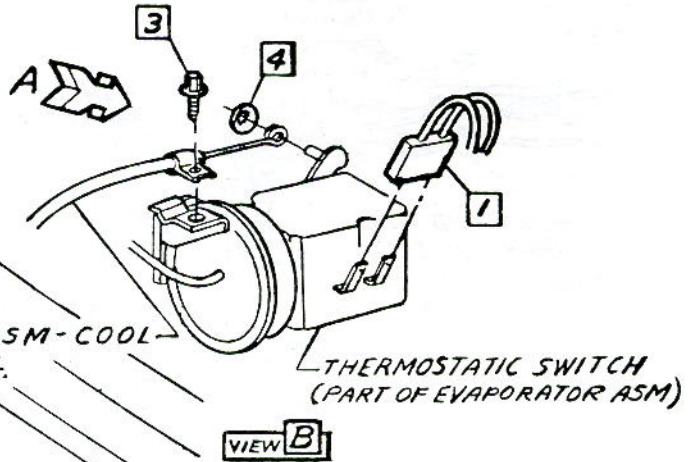
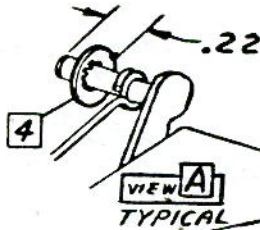
5 3866430 RESISTOR ASM

SCREW

CABLE NUT

RESISTOR ASM

5 2

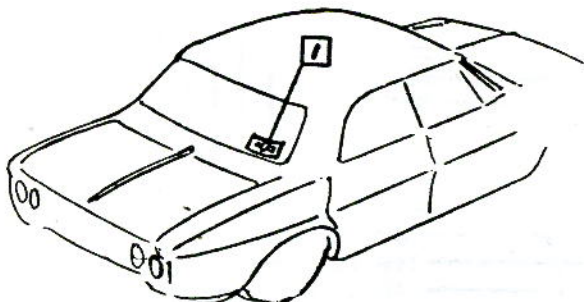


CHEVROLET MOTOR DIVISION, GMC.		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK	
AIR CONDITIONING- INST PANEL WIRING, RESISTOR & CABLES		C64	10-13-64	5	3861654 GROMMET REMOVED	66037	FM		
				6	"GROMMET" REF. ADDED				
				7	WAS 3861264 SCREW	66967	DF		
			1-25-65	8	TORQUE (1) WAS 15-25 LB. IN.	68076	JM	CI	
10100-500		E3.							
DWG/PREL 3-25	FM		REF: Proh. E17 L-75696 L-						
DATE REL 5-6			L-73249 L-						
		SHEET							

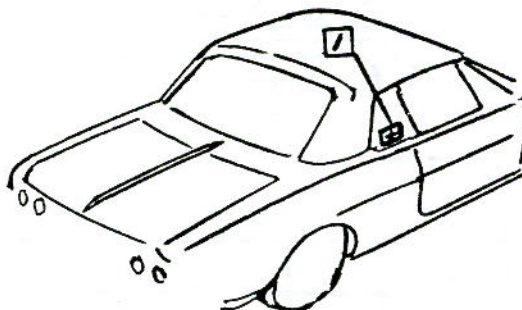


1 3765078

STICKER (APPLY TO INSIDE OF WINDOW)



SEDAN & COUPE



CONVERTIBLE

TEST PROCEDURE OUTLINE:

IN ORDER TO ASSURE PROPER OPERATION OF THIS UNIT, THE FOLLOWING STEPS SHOULD BE TAKEN:

A. AFTER THE SYSTEM HAS BEEN INSTALLED & CHARGED, A LEAK TEST SHOULD BE MADE.

- 1. For Equipment see 2.7 Freon-12 Leak Detector, Sheet E10.
- 2. For Test Procedure see 3.4 Leak Testing, Sheet E14.
- 3. Assemble compressor wire asm connector to compressor clutch terminals after leak testing.

B. A FUNCTIONAL TEST OF COMPLETED ASSEMBLY MUST NOW BE MADE.

- 1. See 3.5 Functional Tests, Sheet E15.



CHEVROLET MOTOR DIVISION, GMC			UPC	DATE SYN	REVISION RECORD	AUTL	DR	CK
AIR CONDITIONING- STICKER & TEST PROCEDURE			C 64					
10100-500				E 6.				
DWG PREL 2-14	FM	REF: Prod. E1	L-	L-				
DATE REL. 2-14			L-	L-				
			<input checked="" type="checkbox"/> SHEET					



TABLE OF CONTENTS

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- 2.0 EQUIPMENT AND CHARGING MATERIALS
 - 2.1 REFRIGERANT AND CONTAINERS
 - 2.2 DIRECT REFRIGERANT CHARGING EQUIPMENT
 - 2.3 PERMANENT CHARGING BOARD
 - 2.4 REFRIGERANT HOSE
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 - 2.6 VACUUM SYSTEM
 - 2.7 FREON-12 LEAK DETECTOR
 - 2.8 DISCHARGE OR SALVAGE EQUIPMENT
 - 2.9 SAFETY EQUIPMENT
 - 2.10 TORQUE WRENCHES
 - 2.11 REFRIGERANT OIL
- 3.0 OPERATIONAL REQUIREMENTS AND PROCEDURES
 - 3.1 COMPONENTS
 - 3.2 ASSEMBLY
 - 3.3 EVACUATION AND CHARGING
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 - 3.6 COMPONENT REPLACEMENT
- 4.0 GENERAL INFORMATION
 - 4.1 SYSTEM CHEMISTRY

1.0 SCOPE

THIS SPECIFICATION IS INTENDED AS AN EFFORT TOWARD THE INTEGRATION AND IMPROVEMENT OF PROCEDURES AND PRODUCT FOR CAR AIR CONDITIONING.

THE AIR CONDITIONING SYSTEM, BEING CHARACTERISTICALLY DIFFERENT IN PRINCIPLE AND IN MAKE UP FROM OTHER CAR ACCESSORIES, DEMANDS NEW CONSIDERATIONS AND UNDERSTANDING.

WHERE FURTHER DETAILS ARE REQUIRED FOR SPECIFIC PROBLEMS OR SITUATIONS IN CONNECTION WITH ADJUSTING OR TESTING OF THE AIR CONDITIONING SYSTEMS, REFER TO THE CHEVROLET SERVICE MANUAL.

2.0 EQUIPMENT AND CHARGING MATERIALS

GENERAL

WHERE THE DESIGNATION FREON-12 APPEARS IN THIS SPECIFICATION, IT REFERS TO DICHLORO-DIFLUORO-METHANE (CCL₂F₂) AND INCLUDES THE EQUIVALENT PRODUCT OF ALL OTHER MANUFACTURERS UNDER THE NAME "REFRIGERANT-12"



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CR
AIR CONDITIONING- GENERAL SPECS & PROCEDURES		C 64						
10100-500			E 7.					
DWG PREL 2-14	EM	REF: Prot. E2	L-	L-				
DATE REL 2-14		L-	L-	L-				
		SHEET	<input checked="" type="checkbox"/>					



2.0 (CONTINUED)

FREON-12 IS A HIGHLY REFINED VOLATILE COMPOUND THAT IS PROCESSED TO BE ESPECIALLY FREE OF IMPURITIES THAT MIGHT CONTAMINATE THE REFRIGERATION SYSTEM. OBVIOUSLY THE MAINTENANCE OF THIS INITIAL CONDITION DEMANDS EXTREMELY CAREFUL CONTROL OF THE CONDITIONS OF THE VARIOUS LINES AND CHARGING EQUIPMENT, THROUGH WHICH IT FLOWS UNTIL IT ENTERS THE CAR AIR CONDITIONING SYSTEM.

2.1 REFRIGERANT AND CONTAINERS

ALL CONTAINERS (EXCEPT 15 OZ. SIZE) ARE EQUIPPED WITH VALVES AND CAPS. PROPER ADAPTERS IN ACCORDANCE WITH THE SUPPLIERS RECOMMENDATIONS, SHALL BE USED FOR THE ATTACHMENT OF TUBING OR LINES.

ALL CONTAINERS ARE EQUIPPED WITH A PROTECTIVE FUSIBLE MATERIAL, AND MUST NOT BE HEATED ABOVE 125° F. UNDER NO CIRCUMSTANCE SHALL THEY REMAIN EXPOSED TO DIRECT SUNLIGHT IN HOT WEATHER.

FREON-12 MUST BE PURCHASED ONLY IN CONTAINERS THAT HAVE THE MANUFACTURER'S SEAL INTACT. THIS WILL INSURE PURITY OF THE REFRIGERANT, ACCORDING TO THE FOLLOWING SPECIFICATIONS:

MOISTURE-.0010% MAX. BY WT. HIGH BOILING IMPURITIES .01% MAX. BY VOL. CHLORIDES-NONE NON CONDENSIBLE GASES 1.5% MAX. BY VOL.

2.2 DIRECT REFRIGERANT CHARGING EQUIPMENT

WHERE THE REFRIGERANT IS PURCHASED IN SMALL DRUMS FOR CHARGING DIRECTLY INTO THE CAR SYSTEM, THE EQUIPMENT SHALL INCLUDE THE FOLLOWING ITEMS:

SCALES WITH AN ACCURACY OF + .1 LB. (FOR CONTAINERS UP TO 25 LBS. CAPACITY). SCALES WITH AN ACCURACY OF + .3 LBS. (FOR 145 LB. CONTAINERS). CHARGING VALVE AND GAUGE CONNECTION MANIFOLD OR EQUIVALENT. RECOMMENDED FREON-12 HOSE OR TUBING AND FITTINGS.

CHECKS SHALL BE MADE WITH A KNOWN WEIGHT SUFFICIENTLY OFTEN TO ASSURE SCALES MAINTAIN THE REQUIRED ACCURACY.

2.3 PERMANENT CHARGING BOARD

WHEN CHARGING REFRIGERANT FROM THE SHIPPING CONTAINER THROUGH THE CHARGING BOARD, THE CLEANLINESS OF LINES AND EQUIPMENT SHALL BE ESTABLISHED AND MAINTAINED AT ALL TIMES.

NEW CHARGING BOARD SYSTEMS WHICH ARE MADE UP OF PARTS THAT ARE CLEAN AS RECEIVED AND ASSEMBLED, AND WHICH INDICATE A DEW POINT OF -40°F AFTER ASSEMBLY, NEED ONLY BE FLUSHED WITH LIQUID FREON-12 UNTIL A SAMPLE FROM THE CHARGING LINE INDICATES THAT THE SYSTEM IS DRY (.0010% MAX. BY WT.) AND FREE FROM CONTAMINATION.



WHEN THE PARTS ARE OF UNKNOWN CLEANLINESS, OR WHERE INSTALLATION RESULTS IN A CONTAMINATED INTERIOR WHICH COULD NOT BE EFFECTIVELY FLUSHED, THE SYSTEM SHALL BE CHEMICALLY CLEANED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE REFRIGERANT SUPPLIER.

CHEVROLET MOTOR DIVISION, GMCS		UPC	DATE	SYN	REVISION	RECORD	AUTH	DE	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES			C 64						
10100-500			E 8.						
DWG.PREL. 2-17	FM	REF: Prod. E3	L-	L-					
DATE.REL. 2-17			L-	L-					
			X SHEET						



2.3 (CONTINUED)

ALL REFRIGERANT FROM SHIPPING CONTAINERS SHALL BE FILTERED THROUGH THE EQUIVALENT OF A SCREEN OF 100 MESH OR FINER PRIOR TO ENTERING THE AIR CONDITIONING SYSTEM.

PROPER VALVING SHALL BE PROVIDED FOR ALL CHARGING SYSTEMS, TO MAINTAIN A POSITIVE PRESSURE OF FREON-12 IN THE ENTIRE SYSTEM INCLUDING THE CHARGING LINES. DURING THE REPLACEMENT OF EMPTY CONTAINERS, ONLY THOSE LINES DIRECTLY INVOLVED SHALL BE RELIEVED OF PRESSURE AND THESE SHALL BE PURGED WHEN RECONNECTED. EXPOSURE OF THE SYSTEM TO CONTAMINANTS OR TO THE ATMOSPHERE, WILL NECESSITATE REPROCESSING IN ACCORDANCE WITH THE REQUIREMENTS FOR NEW SYSTEMS.

WHEN THE CHANGING OF CONTAINERS REQUIRES MORE THAN 5 MINUTES, THE OPEN PORTION OF THE CONNECTING LINE SHALL BE SEALED.

THE ENTIRE CHARGING SYSTEM SHALL BE PERIODICALLY CHECKED FOR LEAKAGE AND DETERIORATION OF PARTS.

THE CHARGING LINE SHALL BE HANDLED IN SUCH A MANNER SO AS TO KEEP THE END THAT IS CONNECTED TO THE REFRIGERANT SYSTEM FREE OF ANY CONTAMINATION.

ACCURACY OF THE REFRIGERANT CHARGING EQUIPMENT SHALL BE MAINTAINED WITHIN + 2 OZS.

CHARGING BOARDS SHALL BE CHECKED PERIODICALLY FOR WEIGHT OF CHARGE DELIVERED.

AFTER ANY SHUT-DOWN PERIOD, THAT EXTENDS OVER 4 HOURS, A SHORT PURGING OPERATION OF THE LINE SHALL BE PERFORMED BEFORE CHARGING OPERATIONS ARE RESUMED.

2.4 REFRIGERANT HOSE

THE HOSE SHALL BE OF RECOMMENDED QUALITY FOR REFRIGERANT USAGE.

CAUTION DO NOT USE HOSE OF UNKNOWN QUALITY-HARMFUL MATERIALS MAY BE DISSOLVED BY THE REFRIGERANT AND ENTER THE CAR SYSTEM.

THE HOSE SHALL BE INSPECTED AT REGULAR INTERVALS FOR SWELLING, SEPARATION AT FITTINGS, SOFTENING, AND LEAKAGE. ANY EVIDENCE OF DETERIORATION OR CONTAMINATION SHALL BE CAUSE FOR REPLACEMENT.

2.5 GAUGES-VALVES-MANIFOLDS

ALL GAUGES RECEIVING PERSONAL-HANDLING, EITHER INDIVIDUALLY OR AS PART OF A MANIFOLD ASSEMBLY, SHALL BE CALIBRATED AGAINST A MASTER GAUGE SUFFICIENTLY OFTEN TO ASSURE PROPER READINGS.



GAUGES HAVING PERMANENT MOUNTING AS PART OF MAJOR EQUIPMENT, SHALL BE CHECKED AT LEAST ONCE EACH MONTH FOR ACCURACY.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYN	REVISION RECORD	AUTH	DR	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES		C 64						
10100-500		E 9.						
DWG. PREL 2-17	FM	REF. PREL. E4	L-	L-				
DATE. REL 2-17			L-	L-				
		SHEET	<input checked="" type="checkbox"/>					



2.5 (CONTINUED)

GAUGES FAILING TO ZERO WHEN EXPOSED TO ATMOSPHERIC PRESSURE, SHALL BE RECALIBRATED AND ADJUSTED, OR REPLACED.

PRESSURE GAUGES FOR FUNCTIONAL TEST

EACH PLANT SHALL HAVE CALIBRATED HIGH AND LOW PRESSURE GAUGES AVAILABLE FOR CHECKING THE OPERATING PRESSURE OF THE CAR SYSTEMS. ANY PRESSURE GAUGE ASSEMBLED PRIOR TO EVACUATION SHALL BE CAPABLE OF WITHSTANDING THE MAXIMUM VACUUM WITHOUT AFFECTING CALIBRATION.

THE LOW PRESSURE GAUGES SHALL BE MARKED IN INCREMENTS OF NOT GREATER THAN 1 P.S.I. AT THE CONTROL PRESSURE (APPROX. 30 P.S.I.G.) AND SHALL BE CAPABLE OF WITHSTANDING A PRESSURE OF 120 P.S.I.G. WITHOUT DAMAGE OR CHANGE IN CALIBRATION.

THE HIGH PRESSURE GAUGES SHALL HAVE A RANGE UP TO AT LEAST 300 P.S.I.G. AND SHALL BE READABLE TO AN ACCURACY OF 2 P.S.I.

2.6 VACUUM SYSTEM

EACH ASSEMBLY PLANT SHALL HAVE EVACUATION EQUIPMENT AVAILABLE FOR USE AS A PRE-CHARGING REQUIREMENT FOR THE OCCASIONAL REPLACEMENT OF COMPONENTS.

FOR SUCH SERVICE A VACUUM PUMP CAPABLE OF PRODUCING A VACUUM OF 28 IN. OF MERCURY WILL BE SATISFACTORY AND A PORTABLE ROTARY TYPE PUMP IS AVAILABLE.

WHERE EVACUATION OF 28 IN. HG. IS REQUIRED, A STANDARD VACUUM OR COMPOUND GAUGE CALIBRATED IN INCREMENTS NOT GREATER THAN 1 IN. HG. MAY BE USED. A MINIMUM SCALE DIAMETER OF 2-1/2 INCHES ON FULL SCALE VACUUM GAUGES AND 3 INCHES ON COMPOUND GAUGES IS RECOMMENDED.

2.7 FREON-12 LEAK DETECTOR.

DETECTION OF LEAKS IS PERHAPS THE MOST IMPORTANT CHECK OF A REFRIGERATION ASSEMBLY, AS A LEAK-FREE SYSTEM IS VITAL TO PROPER OPERATION AND LIFE. DETECTION EFFICIENCY DEPENDS UPON THE SENSITIVITY OF THE INSTRUMENT, AND THE FREEDOM OF THE SURROUNDING ATMOSPHERE FROM FREON AND OTHER CONTAMINATING VAPORS.

THE THREE COMMON TYPES OF DETECTORS INCLUDE:

- ALCOHOL TORCH-SENSITIVITY 1 LB. IN 15 YEARS (APPROX)
- GAS TORCH -SENSITIVITY 1 LB. IN 10 YEARS (APPROX)
- G. E. ELECTRONIC DETECTOR-SENSITIVITY CAN BE VARIED AS DESIRED TO INCLUDE 1 LB IN 40 YEARS OR HIGHER.



CHEVROLET MOTOR DIVISION, GM Corp.		UFC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
AIR CONDITIONING- GENERAL SPECS & PROCEDURES		C 64						
10100-500			E10.					
DWG PREL 2-17	FM	REF: Prel. E5		L-	L-			
DATE REL. 2-17			L-	L-				
		<input checked="" type="checkbox"/> SHEET						



2.7 (CONTINUED)

EQUIPMENT FOR CHECKING LEAK DETECTORS SHALL INCLUDE THE FOLLOWING:

- ALCOHOL TORCH-TEST BOMB WITH LEAKAGE 1 LB. IN 5 YEARS.
- GAS TORCH -TEST BOMB WITH LEAKAGE 1 LB. IN 5 YEARS.
- G. E. DETECTOR-TEST BOMB WITH LEAKAGE 1 LB. IN 5 YEARS.
- TEST BOMB WITH LEAKAGE 1 LB. IN 30 OR 40 YEARS, DEPENDING UPON MODEL DETECTOR USED.

THE LEAK DETECTORS SHALL BE CHECKED WITH THE STANDARD TEST BOMBS HAVING CALIBRATED LEAKAGE RATES IN ACCORDANCE WITH THE SENSITIVITY DESIRED, AT LEAST ONCE EACH 4 HOURS OF USAGE.

EACH DAY, THE DETECTORS SHALL BE CHECKED FOR CLEANLINESS, AND PROPER CONDITION OF PARTS. FREEDOM OF THE PROBES AND TUBES FROM OIL AND OTHER CONTAMINANTS IS PARTICULARLY IMPORTANT.

IN THE INTEREST OF ASSEMBLING A QUALITY AIR CONDITIONING SYSTEM THAT IS LEAK FREE, AND IN MAINTAINING CUSTOMER SATISFACTION, THE G.E. ELECTRONIC DETECTOR OR EQUIVALENT, WHICH CAN BE ADJUSTED TO MEET VARYING SITUATIONS, IS RECOMMENDED.

2.8 DISCHARGE OR SALVAGE SYSTEM

WHERE THE PLANT OPERATION INVOLVES THE DISCHARGING OF FREON-12 OR FREON-12 AND NITROGEN MIXTURE FROM COMPONENTS OR SYSTEMS AT ANY TIME, MEANS SHALL BE PROVIDED TO PREVENT CONTAMINATION OF THE AREA BY CONVEYING SUCH GASES TO A SALVAGE SYSTEM OR TO SOME POINT OUTSIDE OF THE CHARGING AND LEAK TESTING AREA.

2.9 SAFETY EQUIPMENT

ALL EQUIPMENT UNDER REFRIGERANT PRESSURE, HAVING GLASS INDICATING TUBES, OR GLASS WALLED CONTAINERS, SHALL BE PROPERLY PROTECTED TO PREVENT INJURY OF PERSONNEL IN CASE OF BREAKAGE.

ALL PERSONNEL MAKING REFRIGERANT CONNECTIONS, CHARGING REFRIGERANT, OR OPENING COMPONENTS OR SYSTEMS UNDER PRESSURE, SHALL WEAR GOGGLES OR EQUIVALENT PROTECTION TO PROTECT THE EYES FROM LIQUID REFRIGERANT.

PRESSURE RELIEF VALVES SHALL BE PROVIDED FOR ALL PERMANENT CONTAINERS AND/OR SYSTEMS IN ACCORDANCE WITH THE SUPPLIERS RECOMMENDATIONS AND THE LOCAL CODES.

2.10 TORQUE WRENCHES

IN THE DESIGN OF REFRIGERANT CONNECTIONS, PARTICULAR ATTENTION HAS BEEN GIVEN THE SEALING OF THE JOINTS AGAINST ANY FREON-12 LEAKAGE.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES		C 64						
10100-500			E 11.					
DWG. PREL 2-17 FM	REF: Prel. EG	L-		L-				
DATE REL. 2-17		L-	L-					
		SHEET	<input checked="" type="checkbox"/>					



2.10 (CONTINUED)

AND THE EASE OF ASSEMBLY OR ATTACHMENT. TO PREVENT DISTORTION OF PARTS FROM OVERTIGHTENING, AND MAINTAIN SUFFICIENT STABILITY OF THE JOINT, PROPER TORQUE FIGURES ARE INDICATED ELSEWHERE IN THESE INSTRUCTIONS.

2.11 REFRIGERANT OIL

ONLY FRIGIDAIRE SPECIFICATION 961-A, 525 VISCOSITY REFRIGERANT OIL SHALL BE USED. IT HAS BEEN HIGHLY REFINED, AND SEALED AGAINST MOISTURE IN THE ORIGINAL CONTAINER, AND SHALL NOT BE TRANSFERRED TO ANY OTHER CONTAINER FOR STORAGE.

AT NO TIME, OTHER THAN WHEN POURING, SHALL THE OIL BE ALLOWED TO REMAIN UNCAPPED OR LOOSELY CAPPED.

IN INSTANCES WHERE IT IS NECESSARY TO TRANSFER OIL FROM THE ORIGINAL CONTAINER, ONLY CLEAN, DRY GRADUATED VESSELS SHALL BE USED. ANY EXCESS OIL POURED FROM THE ORIGINAL CONTAINER SHALL BE DISCARDED.

USE ABOVE REFRIGERATION OIL 12 a) WHENEVER REQUIRED TO REFILL COMPRESSOR OR LUBRICATE HOSES, ETC., FOR INSTALLATION & REPAIR PURPOSES.

3.0 OPERATIONAL REQUIREMENTS AND PROCEDURES

3.1 COMPONENTS

ALL COMPONENTS SHALL REMAIN IN THEIR SHIPPING CONTAINERS UNTIL PREPARATION FOR ASSEMBLY.

REFRIGERANT PASSAGES SHALL REMAIN SEALED AT ALL TIMES UNTIL FINAL ASSEMBLY, TO INSURE REQUIRED DRYNESS AND CLEANLINESS. AN EXCEPTION IS PERMISSIBLE FOR MOMENTARY CHECKING OF CHARGED EVAPORATOR FOR PRESSURE.

DUE TO THE ATTRACTION OF THE DRYING MATERIALS FOR MOISTURE, IT IS PARTICULARLY IMPORTANT THAT RECEIVER-DEHYDRATORS BE POSITIVELY SEALED AT ALL TIMES.

ALL COMPONENTS SHALL BE HANDLED IN SUCH A MANNER AS TO INSURE MAXIMUM PROTECTION FROM DISTORTION, AND OR PHYSICAL DAMAGE WITH SPECIAL CONSIDERATION TO THE FOLLOWING:

COMPRESSORS-DO NOT SET ON END OR SUBJECT TO SHOCK AT ANY TIME-KEEP IN A HORIZONTAL POSITION.



TUBES AND HOSE- DO NOT KINK, TWIST, DEFORM OR USE FOR HAND HOLDS FOR LIFTING SUB-ASSEMBLY. ALL HOSE PLUGS & LINE

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION	RECORD	AUTH.	DE	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES			C64						
10100-500			E12.						
DWG. PREL. 2-77	FM	REF: Prel. E7	L-	L-					
DATE. REL. 2-17		L-	L-	L-					
			X SHEET						



3.1 (CONTINUED)

CAPS ARE TO BE IN PLACE UNTIL IMMEDIATELY PRIOR TO MAKING A JOINT. IF A CAP HAS BEEN REMOVED FOR LONGER THAN 10 MINUTES PRIOR TO ASSEMBLY THE LINE MUST BE FLUSHED WITH FREON & RE-CAPPED.

FITTINGS AND CONNECTORS-PROTECT AGAINST DAMAGE TO THE THREADS.

PLASTIC PARTS-PROTECT AGAINST STRAINS AND SHOCK DURING ASSEMBLY.

VALVES- THERMOBULB ON EXPANSION VALVES SHALL NOT BE EXPOSED TO TEMPERATURE ABOVE 150° F. CARE SHALL BE TAKEN TO PROTECT CAPILLARY TUBES AGAINST ANY BENDING, DROPPING OR NICKING THAT MIGHT CAUSE RUPTURE OF THE TUBE.

CONTROL AND ACTUATING

KNOBS AND LEVERS-DO NOT DISTORT IN ANY MANNER.

SUB-ASSEMBLIES-ALWAYS GRASP IN SOLID BODY PORTION FOR LIFTING.

3.1.1 REJECTED COMPONENTS

REJECTED COMPONENTS AND PARTS SHALL BE PROPERLY IDENTIFIED FOR REASON OF REJECTION, AND SEALED AS NECESSARY, WHEN RETURNED TO THE INSPECTION DEPARTMENTS SALVAGE AREA FOR DISPOSITION.

3.1.2 ROTATION OF STOCK

STOCK WITH EARLIEST RECEIVING DATE SHALL BE USED FIRST FOR ASSEMBLY OPERATIONS IN ORDER TO KEEP STOCK UP TO DATE.

3.2 ASSEMBLY

ANY EVIDENCE OF INTERNAL MOISTURE, CORROSION OR CONTAMINATION WHEN ASSEMBLIES ARE OPENED FOR INSTALLATION WILL BE REASON FOR REPLACING.

3.3 EVACUATION AND CHARGING

ALL FITTINGS USED IN EVACUATION AND CHARGING SHALL BE OBSERVED FOR CLEANLINESS,

3.3.1 VAPOR CHARGING FROM SHIPPING CYLINDERS

WHEN FREON-12 IS CHARGED DIRECTLY INTO THE CAR SYSTEM FROM THE SHIPPING CYLINDER, THE CYLINDER SHALL BE PLACED UPRIGHT ON SCALES FOR PROPER WEIGHING. A CONTAINER OF WARM WATER IS RECOMMENDED FOR HEATING THE CYLINDER. UNDER NO CIRCUMSTANCES SHALL THE REFRIGERANT CYLINDER BE HEATED ABOVE 125° F.



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTL	DE	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES		C64						
10100-500		E13.						
DWG. PREL. 2-17	FM	REF: Prel. E8	L-	L-				
DATE REL. 2-17			L-	L-				
		SHEET	<input checked="" type="checkbox"/>					



3.3.1 (CONTINUED)

THE CHARGE SHALL BE ACCURATELY CONTROLLED BY CLOSE OBSERVANCE OF THE CHANGE OF WEIGHT IN THE CONTAINER AS THE CHARGE IS DRAWN INTO THE SYSTEM WITH THE ENGINE OPERATING AT APPROXIMATELY 1500 R. P. M.

THE SYSTEM SHALL THEN BE LEAK TESTED

3.4 LEAK TESTING

3.4.1 GENERAL REQUIREMENTS

THE COMPLETELY ASSEMBLED SYSTEM SHALL BE LEAK TESTED WITH A CALIBRATED G. E. ELECTRONIC LEAK DETECTOR, OR EQUIVALENT, AT ALL LINE JOINTS, FITTINGS AND SIGHT GLASS; COMPRESSOR HEAD, SERVICE VALVES AND SEAL; AND AT THE HOT GAS VALVE STEM AND DOME SEAL.

ALL JOINTS AND FITTINGS SHALL BE FREE OF EXCESS OIL TO ELIMINATE THE POSSIBILITY OF FALSE READINGS CAUSED BY FREON-12 ABSORPTION IN THE OIL.

WHERE JOINTS ARE RETIGHTENED TO ELIMINATE LEAKAGE, OR WHERE THERE IS A POSSIBILITY OF ENTRAPPED FREON-12 AT OR NEAR THE JOINT IN QUESTION, USE COMPRESSED AIR TO BLOW ALL POSSIBLE ACCUMULATION OF REFRIGERANT GAS FROM THE AREA CONCERNED.

LEAK TESTING SHALL BE DONE IN A PLACE WHERE THERE IS ADEQUATE VENTILATION OR REPLACEMENT OF FRESH AIR TO KEEP THE ATMOSPHERE FREE OF FREON-12 AND OTHER CONTAMINATING VAPORS.

AT NO TIME SHALL THE LEAK TEST BE PERFORMED WITH THE ENGINE OPERATING OR WITH EXCESSIVE MOVEMENT OF AIR OVER THE COMPONENTS.

SINCE FREON-12 GAS IS HEAVIER THAN AIR, IT WILL BE NECESSARY TO INCLUDE THE MOVEMENT OF THE PROBE TO THE LOWEST POINT OF ALL FITTINGS AND JOINTS WHEN LEAK TESTING.

THE SENSING ELEMENT OF THE LEAK DETECTOR SHALL BE CLEARED OF ANY CONTAMINATING ATMOSPHERE BEFORE EACH USAGE. EXPOSURE TO A SOURCE OF UNCONTAMINATED AIR OR NITROGEN MAY BE NECESSARY.

FALSE READINGS OR REACTIONS MAY RESULT IF THE DETECTOR IS SUBJECTED TO ATMOSPHERES WHERE SOLVENTS OR VOLATILE COMPOUNDS CONTAINING HALIDES (FLUORINE, BROMINE, CHLORINE AND IODINE) ARE PRESENT. CIGARETTE SMOKE MAY ALSO GIVE A FALSE REACTION.

3.4.2 FINAL LEAK TEST

WITH THE SYSTEM CHARGED WITH THE SPECIFIED AMOUNT OF FREON-12 A FINAL TEST SHALL BE MADE FOR LEAKS.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES		C64						
10100-500			E14.					
DWG PREL. 2-17	FM	REF: Prel. E9		L-	L-			
DATE REL. 2-17			L-	L-				
		<input checked="" type="checkbox"/> SHEET						



3.4.3 LEAK TEST LIMITS

EXCEPT AS NOTED, ALL LINES, CONNECTIONS AND SYSTEM COMPONENTS SHALL BE FREE OF LEAKAGE WITH A SENSITIVITY CALIBRATION OF 1 LB. IN 30 OR 40 YEARS, DEPENDING UPON THE MODEL OF DETECTOR USED.

THE COMPRESSOR SEAL, HOT GAS VALVE STEM, AND SIGHT GLASS SHALL SHOW NO LEAKAGE WITH A SENSITIVITY CALIBRATION OF 1 LB IN 5 YEARS.

THE SELF-SEALING COUPLINGS AND SHUT-OFF VALVE SEATS OF CHARGED COMPONENTS, AS RECEIVED, SHALL SHOW NO LEAKAGE WITH A SENSITIVITY CALIBRATION OF 1 LB IN 5 YEARS. THE JOINTS SHALL BE CLEARED OF ANY ACCUMULATED FREON-12 PRIOR TO LEAK TEST.

3.5 FUNCTIONAL TESTS

PERFORMANCE TEST SHALL BE RUN WITH INLET AIR TEMPERATURES OF 70° F OR ABOVE AND WITH THE BY-PASS VALVE LEVER IN THE COLDEST POSITION. THE CAR HEATER SHALL BE IN THE OFF POSITION, AND THERE SHALL BE NO AIR LEAKAGE FROM THE HEATER DUCT.

CLOSE ALL CAR DOORS AND WINDOWS.

START ENGINE AND SET CARBURETOR TO RUN AT 1500 R. P. M., SET AIR CONDITIONING CONTROL TO COLDEST POSITION, BLOWER TO HIGH SPEED, ALLOW ENGINE TO OPERATE FOR APPROXIMATELY 5 MINUTES.

DURING THE PERFORMANCE TEST, THE SIGHT GLASS SHALL BE OBSERVED SEVERAL TIMES FOR A CLEAR COLUMN OF LIQUID. THE OCCURENCE SLOW MOVING GAS, BUBBLES OR A BROKEN COLUMN DUE TO THE CYCLING OF THE COMPRESSOR, FOR SHORT PERIODS DURING NORMAL OPERATION SHOULD NOT BE CONSIDERED AN INDICATION OF REFRIGERANT SHORTAGE, IF SIGHT GLASS IS GENERALLY CLEAR AND PERFORMANCE IS SATISFACTORY.

IF SIGHT GLASS CONSISTENTLY SHOWS FOAMING OF A BROKEN LIQUID COLUMN, IT SHALL BE OBSERVED DURING A RISE IN HEAD PRESSURE OBTAINED BY PARTIALLY BLOCKING THE AIR TO THE CONDENSER. IF UNDER THIS CONDITION, THE SIGHT GLASS CLEARS AND THE PERFORMANCE IS OTHERWISE SATISFACTORY, THE CHARGE SHALL BE CONSIDERED ADEQUATE.

THE ELECTRICAL CIRCUIT OF THE AIR CONDITIONING SYSTEM SHALL BE CHECKED BY THE OPERATION OF THE BLOWER AT THE VARIOUS SPEEDS AND THE ENGAGEMENT OF THE COMPRESSOR CLUTCH.

THE OPERATION OF AIR VALVE AND TEMPERATURE CONTROLS SHALL BE CHECKED TO INSURE PROPER FUNCTIONING.

USING A TEMPERATURE TEST METER WITH A DIAL READING OF 0° TO 120° F. AND AT LEAST A TWO STATION SELECTOR SWITCH AND TWO JACKS WITH 12-1/2 FEET OF BULB WIRE, WE CAN CHECK TEMPERATURES AT



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES			C 64					
10100-500			E 15.					
DWG. PREL. 2-17	FM	REF. Prel. E10	L-	L-				
DATE. REL. 2-17			L-	L-				
			SHEET					



3.5 (CONTINUED)

TWO DIFFERENT POINTS BY MERELY TURNING THE SELECTOR SWITCH WITH THE TWO LEADS CONNECTED TO THE METER, THE FREE END OF NUMBER ONE SHOULD BE PLACED IN THE RIGHT HAND DISCHARGE NOZZLE AND NUMBER TWO IN THE RECIRCULATING AIR OPENING IN THE AIR DUCT. THE FOLLOWING READINGS INDICATE SATISFACTORY OPERATION, WITH RETURN AIR BETWEEN 70° AND 100° F.

MINIMUM R. H. OUTLET TEMPERATURE 35°
MAXIMUM R. H. OUTLET TEMPERATURE 45°

IF PRESSURE DROPS BELOW 35°, HOOK UP GAUGE SET TO THE COMPRESSOR.

IF OUTLET TEMPERATURE IS ABOVE 45° SEE SERVICE MANUAL FOR PROCEDURE.

AS RETURN AIR TEMPERATURE RISES TOWARD 100° OUTLET TEMPERATURE MAY BE EXPECTED TO REISE TOWARD THE 45° LEVEL.

THE SUCTION PIPE OUT OF THE EVAPORATOR HOUSING SHALL BE COLD TO THE TOUCH.

THE CLUTCH SHALL ENGAGE AND DISENGAGE RAPIDLY AND POSITVELY WHEN THE SYSTEM IS TURNED OFF AND ON SEVERAL TIMES AT BOTH IDLING AND 1500 to 2000 COMPRESSOR R. P. M.

3.6 COMPONENT REPLACEMENT

THE SYSTEM MUST BE DRAINED OF FREOM PRIOR TO BREAKING ANY JOINT, SYSTEM MAY BE BLED THRU THE GAUGE SET. CAUTION Bleed slowly to prevent loss of compressor oil charge.

3.6.1 COMPRESSOR AND CLUTCH ASSEMBLY.

THE COMPRESSOR REMOVED SHALL BE CLOSED IMMEDIATELY WITH THE PROPER SHIPPING PLATES OR VALVES.

IF THE ORIGINAL COMPRESSOR THAT IS BEING REPLACED, HAS NOT BEEN RUN, THE REPLACEMENT COMPRESSOR WILL HAVE A FULL OIL CHARGE. IF THE SYSTEM HAS BEEN OPERATED, SOME OIL WILL HAVE CIRCULATED FROM THE COMPRESSOR TO THE OTHER COMPONENTS. IT WILL THEN BE NECESSARY TO DRAIN FROM THE REPLACEMENT COMPRESSOR AN AMOUNT EQUAL TO THE DIFFERENCE BETWEEN THE FULL CHARGE AND THE TOTAL AMOUNT DRAINED FROM THE CRANKCASE AND HEAD OF THE COMPRESSOR REMOVED.



Technical drawing header form with fields for CHEVROLET MOTOR DIVISION, GMC, UPC, DATE, SYM, REVISION RECORD, AUTH, DR, CK, and drawing title AIR CONDITIONING- GENERAL SPECS & PROCEDURES.



3.6.1 (CONTINUED)

INSTALLATION OF THE NEW COMPRESSOR AND CLUTCH ASSEMBLY SHALL BE MADE IN THE PRESCRIBED MANNER, WITH THE COMPRESSOR BEING PURGED OR EVACUATED IN ACCORDANCE WITH THE ESTABLISHED PROCEDURE. ADD FREON-12 AS NECESSARY TO MAINTAIN A CLEAR SIGHT GLASS AS EXPLAINED IN SECTION 3.5.

4.0 GENERAL INFORMATION

4.1 SYSTEM CHEMISTRY

- 1. DO NOT ALLOW DIRT, AIR, OR MOISTURE TO ENTER ANY PART OF THE SYSTEM AT ANY TIME. VISIBLE MOISTURE EVEN ONE DROP-IN A PART OR COMPONENT, IS CAUSE FOR REJECTION.
2. MAKE CERTAIN THAT ANY ADDITIONS OF OIL, REFRIGERANT, OR REPLACEMENT COMPONENTS ARE MADE WITH APPROVED MATERIALS WHICH HAVE BEEN PROPERLY HANDLED TO PRESERVE THEIR ORIGINAL SPECIFIED CONDITION AND QUALITY.
3. MATERIALS OR COMPONENTS OF QUESTIONABLE CONDITION OR QUALITY, SHOULD BE HELD UNTIL PROOF OF THEIR ACCEPTABILITY HAS BEEN ESTABLISHED.

EVALUATION AND COMPLETE RECHARGING OF SYSTEM

INSTALLING GAUGE SET

- 1. WITH ENGINE STOPPED, REMOVE CAPS FROM HIGH AND LOW PRESSURE SCHRAEDER FITTINGS.
2. CONNECT GAUGE LINES TO SCHRAEDER FITTINGS.
3. PURGE AIR AND MOISTURE FROM GAUGE LINES BY THE FOLLOWING METHOD:
(A) Uncap the center line gauge set slightly.
(B) Allow gas to hiss thru the centerline cap for 3 seconds.
(C) Tighten cap on the gauge centerline and close the high side gauge valve.
(D) Follow the same procedure for the low pressure gauge valve.



Technical drawing header box containing: CHEVROLET MOTOR DIVISION, GMAC; UPC; DATE; SYM; REVISION RECORD; AUTH. DR. CR.; AIR CONDITIONING- GENERAL SPECS & PROCEDURES; 10100-500; DWG. PREL 2-18 FM; REF: Prd. E12 L- L-; DATE. REL 2-18; L- L- L-; C64; E17; SHEET X



PURGING THE SYSTEM

1. WITH ENGINE STOPPED INSTALL HIGH AND LOW PRESSURE GAUGE OUTLETS ON COMPRESSOR.
2. WITH PLUG REMOVED FROM THE CENTER LINE ON THE GAUGE MANIFOLD, OPEN HIGH PRESSURE GAUGE VALVE AND DISCHARGE THE VAPOR SLOWLY THROUGH THE CENTER CONNECTION.

CAUTION DO NOT OPEN VALVES TOO MUCH OR COMPRESSOR OIL MAY BE DISCHARGED WITH THE FREON. A RAG WRAPPED AROUND THE END OF THE CENTER GAUGE LINE WILL PREVENT THE SPLASHING OF OIL IN THE EVENT OF ACCIDENTAL RAPID DISCHARGE.

3. WHEN THE PRESSURE IS REDUCED TO BELOW 100 POUNDS ON THE HIGH PRESSURE GAUGE OPEN THE LOW PRESSURE GAUGE VALVE AND CONTINUE DISCHARGING UNTIL ALL REFRIGERANT HAS BEEN RELEASED OR THE PRESSURE DOES NOT EXCEED 5 POUNDS. CLOSE BOTH GAUGE VALVES.

EVACUATING AND CHARGING THE SYSTEM

1. OPEN HIGH AND LOW PRESSURE GAUGE VALVE.

CAUTION SHUTOFF VALVE AT VACUUM PUMP MUST BE CLOSED. IF PRESSURE ENTERS PUMP, COVER MAY BLOW OFF.

2. START THE VACUUM PUMP AND SLOWLY OPEN THE HAND SHUTOFF VALVE AT THE PUMP TO AVOID FORCING OIL OUT OF THE PUMP. A VACUUM IS NOW BEING DRAWN ON BOTH THE HIGH AND LOW PRESSURE SIDES OF THE SYSTEM AT THE SAME TIME.

NOTE IF OIL IS BLOWN FROM THE VACUUM PUMP, IT SHOULD BE REFILLED TO PROPER LEVEL WITH FRIGIDAIRE 150 VISCOSITY OIL.

3. OPERATE THE PUMP TO OBTAIN APPROX. 28" *VACUUM AND HOLD FOR 10 MINUTES. IF APPROX 28" *VACUUM CANNOT BE OBTAINED, CLOSE THE SHUTOFF VALVE AT THE PUMP AND STOP THE PUMP. NOTE THE LOW PRESSURE GAUGE TO SEE IF THE VACUUM HOLDS. IF THE VACUUM HOLDS, THE PUMP OR GAUGE MAY BE FAULTY. IF VACUUM WILL NOT HOLD, OPEN REFRIGERANT CYLINDER VALVE TO CHARGE SYSTEM TO CYLINDER PRESSURE AND CHECK SYSTEM AND GAUGE HOOKUP FOR LEAKS WITH LEAK DETECTOR. AFTER LOCATING LEAK, DISCHARGE SYSTEM OF FREON, REPAIR LEAK AND REPEAT OPERATION TO OBTAIN APPROX 28" *VACUUM FOR 10 MINUTES.

*LOWER THIS FIGURE 1" FOR EVERY 1000 FEET ABOVE SEA LEVEL.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTL	DR	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURFS		C64						
10100-500								
DWG. PREL. 2-18	FM	REF: Prel. E13	L-	L-				
DATE. REL. 2-18			L-	L-				
		E18.						
		<input checked="" type="checkbox"/> SHEET						



EVACUATING AND CHARGING THE SYSTEM (CONTINUED)

- 5. CLOSE HAND SHUTOFF VALVE AT VACUUM PUMP, STOP PUMP AND OBSERVE LOW PRESSURE GAUGE TO SEE THAT 28" (CORRECTED IF NECESSARY) OF VACUUM HOLDS FOR 3 MINUTES. IF VACUUM HOLDS OR IF ANY LEAKS FOUND HAVE BEEN REPAIRED, PROCEED WITH STEP 6.
- 6. OPEN THE FREON CONTAINER VALVE TO CHARGE THE SYSTEM TO FREON CYLINDER PRESSURE, THEN CLOSE VALVE.
- 7. CLOSE GAUGE VALVES. THE SYSTEM IS NOW READY FOR A COMPLETE CHARGE. DO NOT REMOVE THE GAUGE CONNECTIONS BUT PROCEED WITH THE CHARGING OPERATION.

CHARGING OPERATION

- 1. OPEN LOW PRESSURE GAUGE VALVE.
- 2. OPEN THE VALVE WIDE ON THE CHARGING BOARD. FREON-12 VAPOR UNDER PRESSURE WILL FLOW INTO THE SYSTEM WITHOUT OPERATING THE COMPRESSOR. THIS SHOULD NOT EXCEED AMOUNT SPECIFIED.* CLOSE LOW PRESSURE VALVE IN GAUGE SET AT FREQUENT INTERVALS TO BE CERTAIN PRESSURE IN THE LOW SIDE IS ALWAYS MAINTAINED ABOVE 12 LBS.

NOTE IF IT IS NOT POSSIBLE TO CHARGE THE ENTIRE AMOUNT * BY THIS METHOD THEN OPERATE THE ENGINE AND COMPRESSOR AT 1000 R. P. M. MINIMUM TO COMPLETE THE CHARGING OPERATION. ENGAGE COMPRESSOR IN USUAL WAY. THE PULLEY NUT ON THE END OF THE COMPRESSOR SHAFT WILL ROTATE WITH THE COMPRESSOR ENGAGED.

- 3. WHEN SPECIFIED AMOUNT* OF FREON HAS ENTERED THE SYSTEM, CLOSE THE FREON CONTAINER VALVE AND THE LOW PRESSURE GAUGE VALVE, THE ENGINE CAN BE OPERATED AT 1500 R. P. M. TO OBSERVE HIGH AND LOW PRESSURE GAUGES AS WELL AS SIGHT GLASSES AND GENERAL PERFORMANCE OF THE SYSTEM.
- 4. STOP ENGINE
- 5. REMOVE THE GAUGE SET, REPLACE CAPS ON SCHRAEDER FITTINGS.

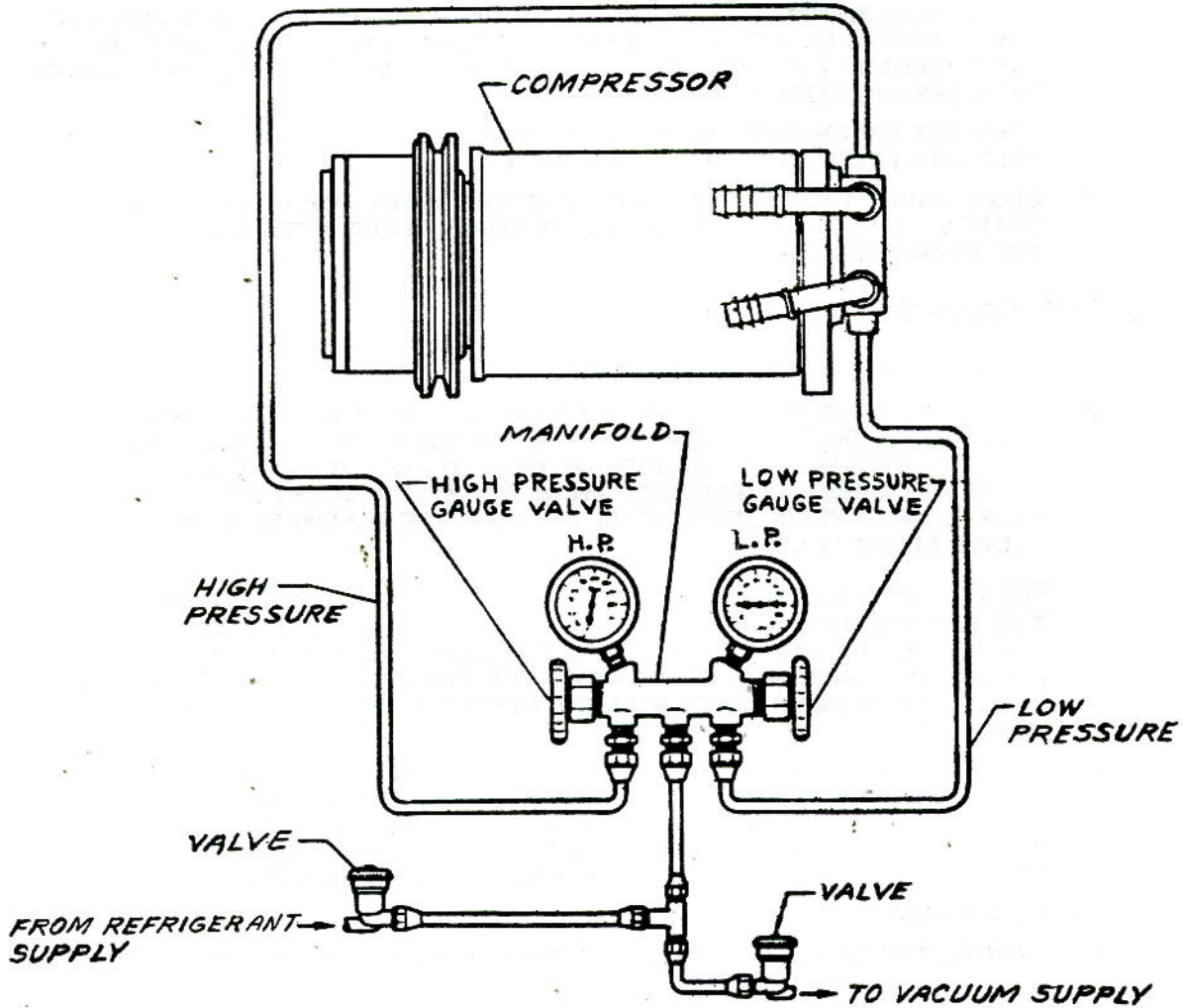


* SECT. 14: 13a

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES		C 64						
10100-500								
DWG. PREL 2-18	FM	REF. Part: E19 L-						
DATE - REL 2-18		L- L-						
		E19.						
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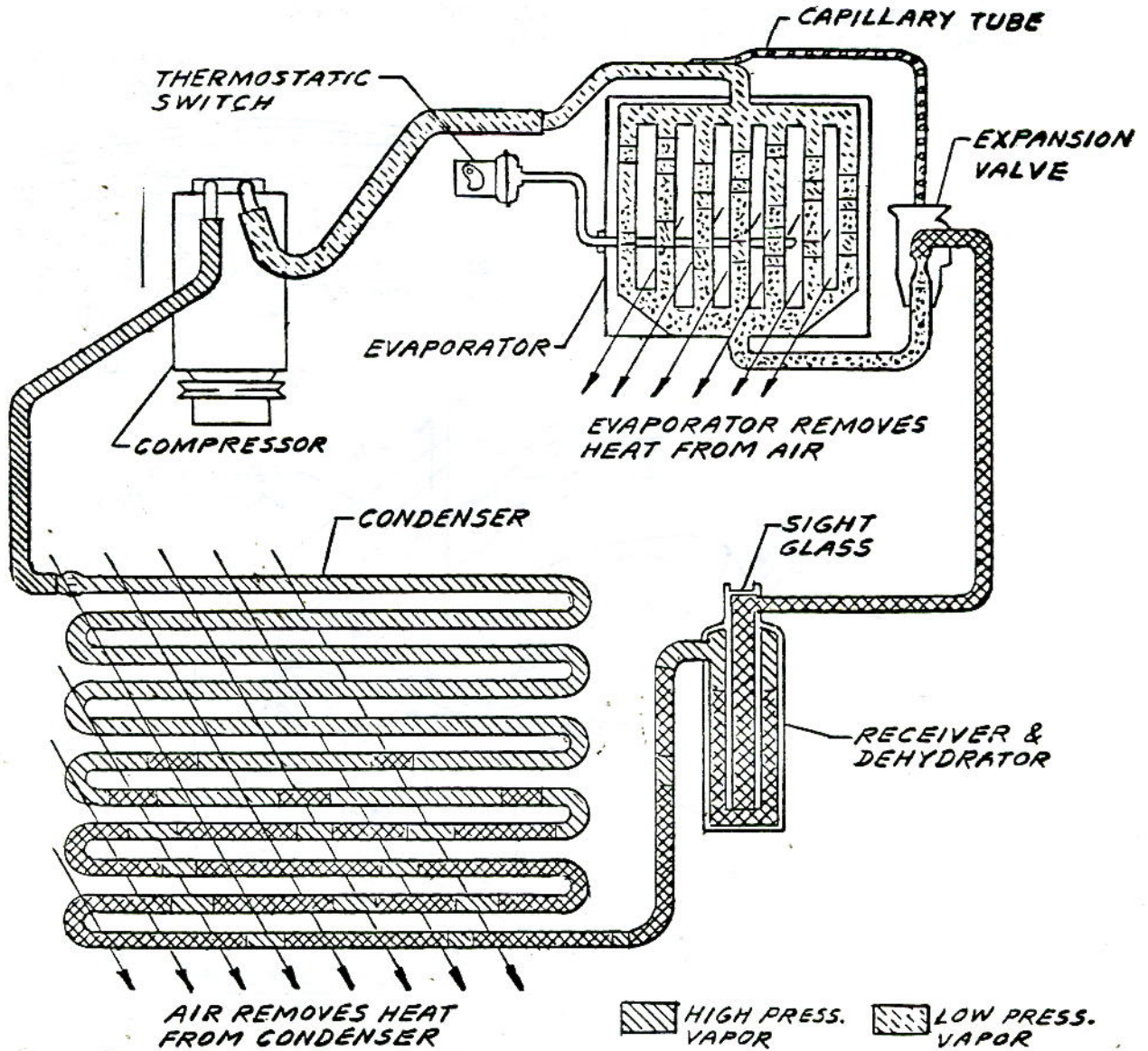
EVACUATING & CHARGING EQUIPMENT
(EXAMPLE ONLY)



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE SYN	REVISION RECORD	AUTH. DR. CK.
AIR CONDITIONING- GENERAL SPECS & PROCEDURES		C64			
10100-500					
DWG. PREL. 2-18 FM	REF: Prel. E15 L-	E20.			
DATE REL. 2-18	L- L- L-		<input checked="" type="checkbox"/> SHEET		

FIG. 1

REFRIGERATION CIRCUIT



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CONDITIONING- GENERAL SPECS & PROCEDURES				C 64						
10100-500					E 21.					
DWG. PREL. 2-18	FM	REF: Prel. E16	L-							
DATE. REL. 2-18		L-	L-							
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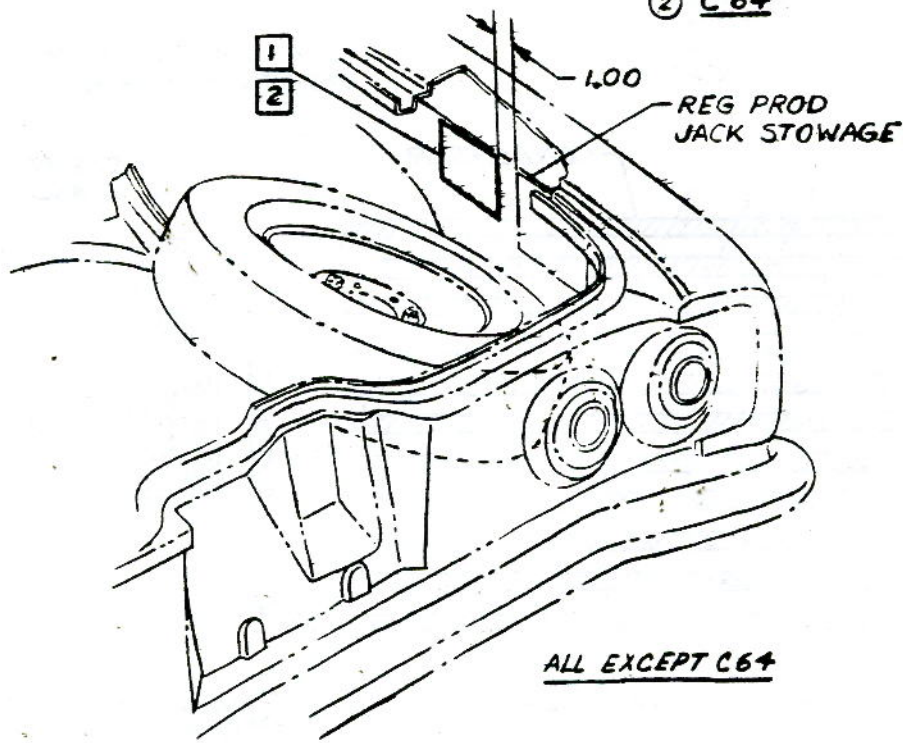
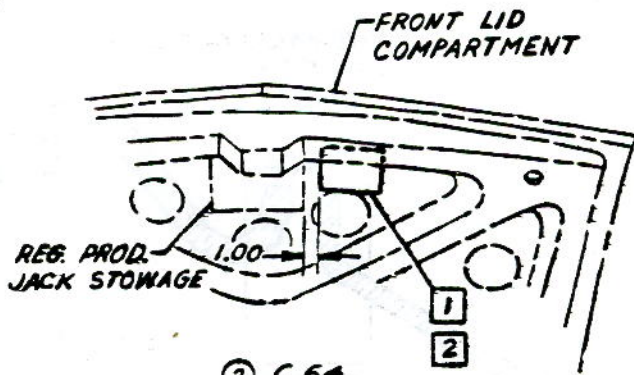
G M C 1 0 0 0 0

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- 1 3745926 CAUTION STICKER
- 2 9985105 CEMENT (9.75 LBS. PER 1000 JOBS)

- 10a 3863425 CARRIER ASM (3.27) ①
- 3863426 (3.55) 10000-WITH G95 OR C64
- 3863423 TRANS & DIFF CARRIER ASM EXCEPT 10700-WITH M35
- 3863424 WITH G95 OR L62 AND OR C64, M35



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
DIFFERENTIAL CARRIER POSITRACTION				G81	6-18-64	1	"EXCEPT 10700" REMOVED	64354	CS	HB
					7-25-64	2	C64 VIEW ADDED			OK
						3	WAS 386625 CEMENT	64874		HB
10000				1.						
DWG PREL 4-24	CS	REF: Prof. 1	L-		L-	L-				
DATE REL 4-24			L-		L-	L-				
				SHEET						

SHEET

TITLE

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TITLE

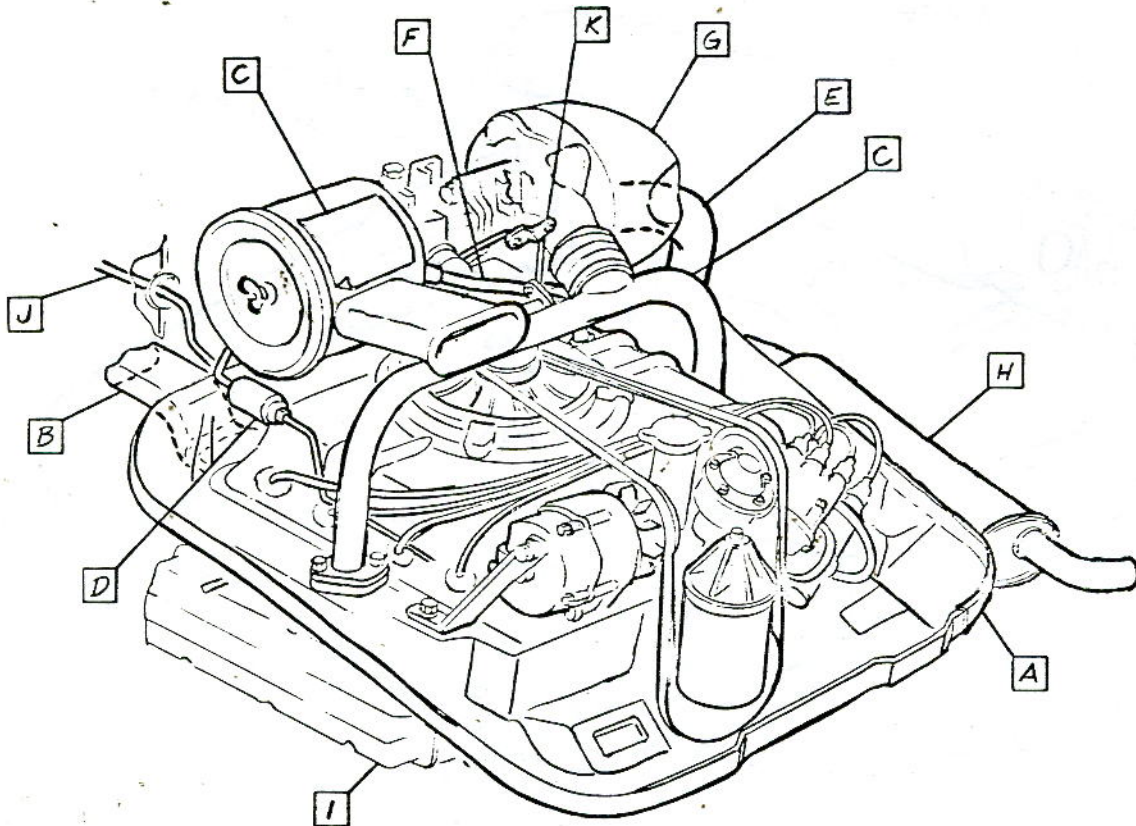
- 1. CONTENTS-TURBO-CHARGER
- A** 2. ENGINE SHIELDS & SHROUD
- B** 3. HEATER & DEFROSTER HOSES
- C** 4. DECALCOMANIA, INDUCTION PIPE, CARBURETOR & A/CL
- D** 5. FUEL FILTER, FUEL & CHOKE PIPES
- E** 6. TURBO CHARGER INLET & OUT-LET PIPES
- F** 7. CLOSED ENGINE POSITIVE VENTILATION & OIL OUTLET PIPE

- G** 8. HEAT SHIELD
- H** 9. EXHAUST SYSTEM
- J** 10. FUEL & FUEL RETURN LINES
- 11. VACUUM GAGE HOSE, FUEL & FUEL RETURN LINES **(1)**
- K** 12. CARBURETOR CROSS SHAFT LINKAGE
- L** 13. TEMPERATURE WARNING BUZZER **(3)**

Ⓞ THE FOLLOWING PARTS ARE INSTALLED THE SAME AS REGULAR PRODUCTION 10700. **(2)**

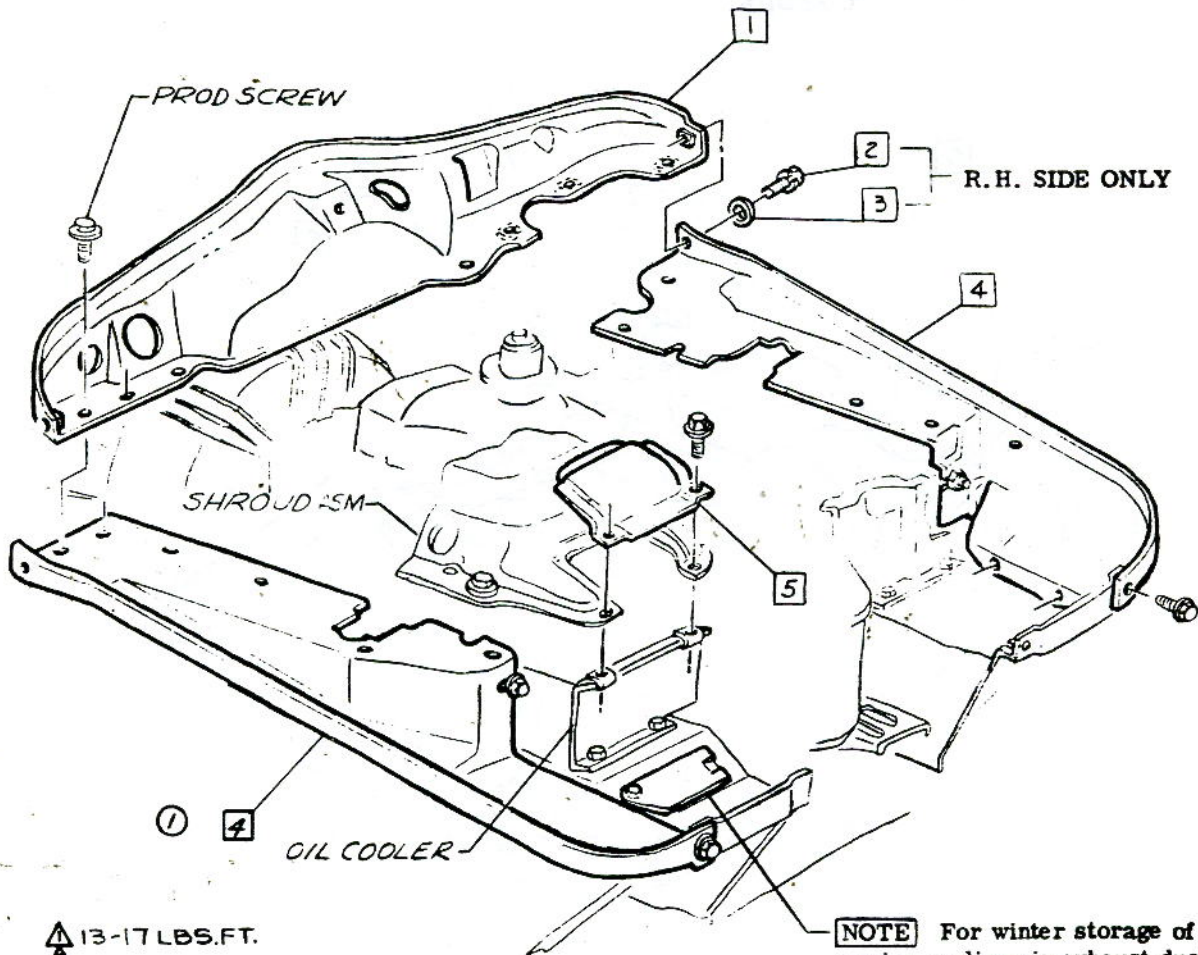
3854338 PLATE-NAME

(4) **I** 3873875 ENGINE ASM (AS SHIPPED) **(5)**



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
TURBO-CHARGER-CONTENTS				L87	7-22-64	1	TITLE REVISED	63627	GI		
10700					10-16-64	2	NON-ILLUS. PARTS ADDED	64739		HI	
DWG FREL. 5-14					11-3-64	3	SHEET 13 ADDED	64307	SW	GF	
DATE REL. 5-14					12-14-64	4	WAS 3857861 ENGINE	65236	GI	GF	
REF: Prel. 10 L-60024 L-						5	WAS 3873907 ENGINE	65521	BR	CI	
L- L- L-											
SHEET <input checked="" type="checkbox"/>											

- 1 3851980 SHIELD ASM-ENG FRT
- 1 2 9409107 SCREW
- 3 120392 P. WASHER
- 1 4 3851982 SHIELD ASM-ENG SIDE R. H.
- 2 3851889 L. H.
- 5 3848396 COVER-OIL COOLER ACCESS



NOTE For winter storage of engine cooling air exhaust duct cover - See U. P. C. 6

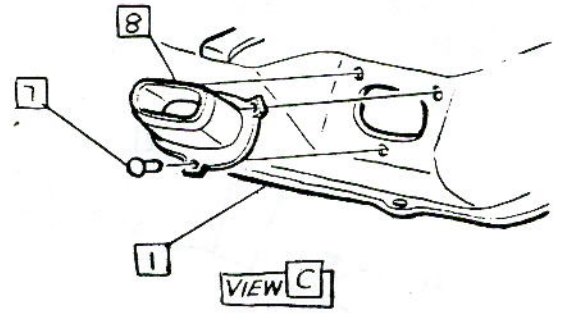
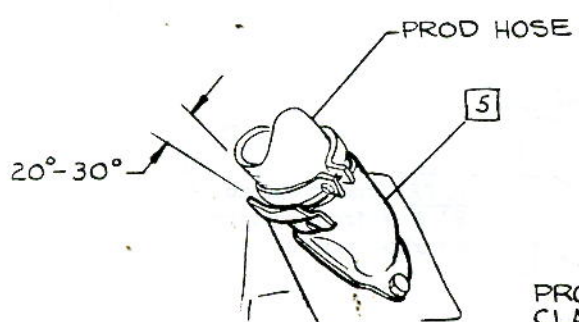
CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
TURBO-CHARGER-ENGINE SHIELDS & SHROUD				L87	9-22-64	1	UPC 6 REF REMOVED	66467	JB	
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10700				2.						
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DATE REL 5-15		L-	L-							



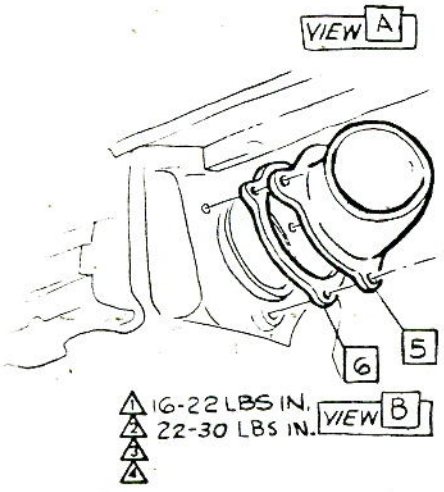
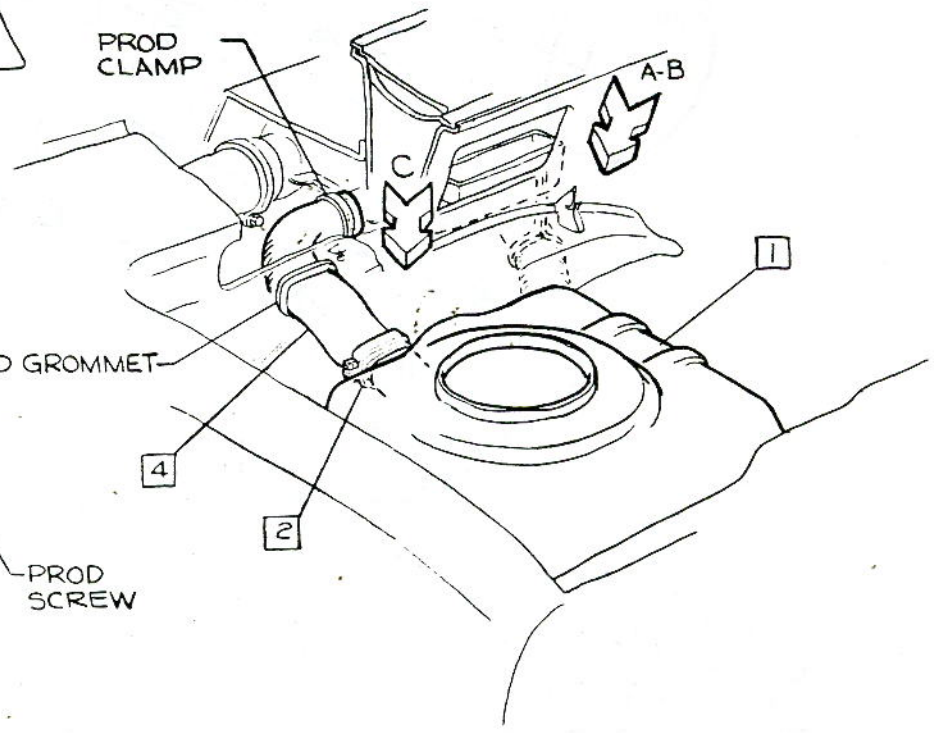
- ① 1 3851894
- ① 2 3869520
- ③
- ②
- 3
- 4 3863667
- 5 3817560

SHROUD ASM
CLAMP-Position ends of clamp 3/8 to 1/2 inches away from sheet metal to avoid conditions which might cause vibration.

- 6 3817562 SEAL-R.H.
- 7 9417227 RIVET
- 8 3851897 CONNECTOR



NOTE Flatten heat shield to provide installed clearance for turbo inlet pipe clamp. After pipe clamp is installed, bend heat shield open as shown



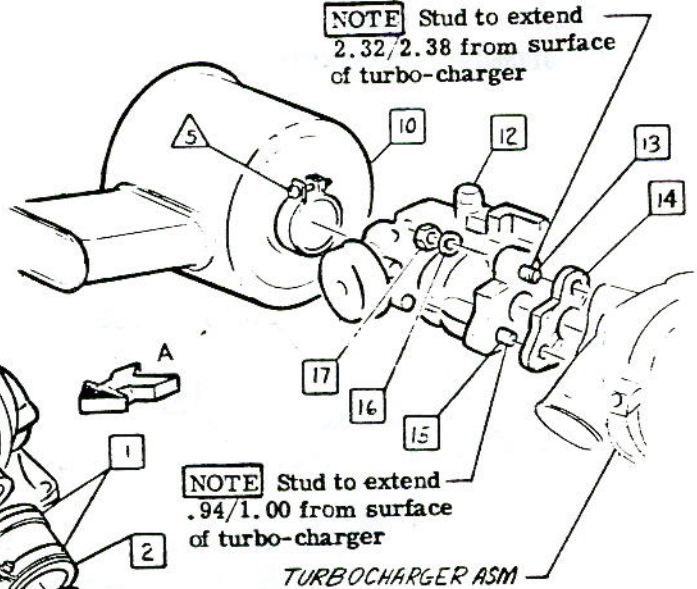
- ▲ 16-22 LBS IN.
- ▲ 22-30 LBS IN.
- ▲

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
TURBO-CHARGER-HEATER & DE FROSTER HOSES		L87	7-31-64	1	VIA 5003678 CLAMP	2-617	RC	
10700				2	9422524 SCREW (16-22 LBS IN) REMOVED			
DWG REL 5-15 JB REF: Prel. 12 L-72621 L-72397		3.		3	TORQUE (2) ADDED			DF
DATE REL 5-15 L-73036 L-			<input type="checkbox"/> SHEET <input checked="" type="checkbox"/>					

- ① 1 3824836 CLAMP
- 2 3794415 HOSE
- 3 3824170 PIPE ASM-INDUCTION
- ② 4 3775150 BOLT-INNER
- 5 187119 L. WASHER
- 6 3817242 GASKET
- ② 7 122017 BOLT-OUTER
- ③ 8 9417881 SCREW
- 9 3817401 BRACKET
- 10 6420244 AIR CLEANER ASM
- ① 11 3867239 DECALCOMANIA
- ④ ③ 12 3860786 CARBURETOR ASM
- 13 3829481 STUD

- 14 3817247 GASKET
- 15 3817508 STUD
- ⑥ 16 2454766 P. WASHER
- ④ 17 120369 NUT
- 18 3786313 REINFORCEMENT

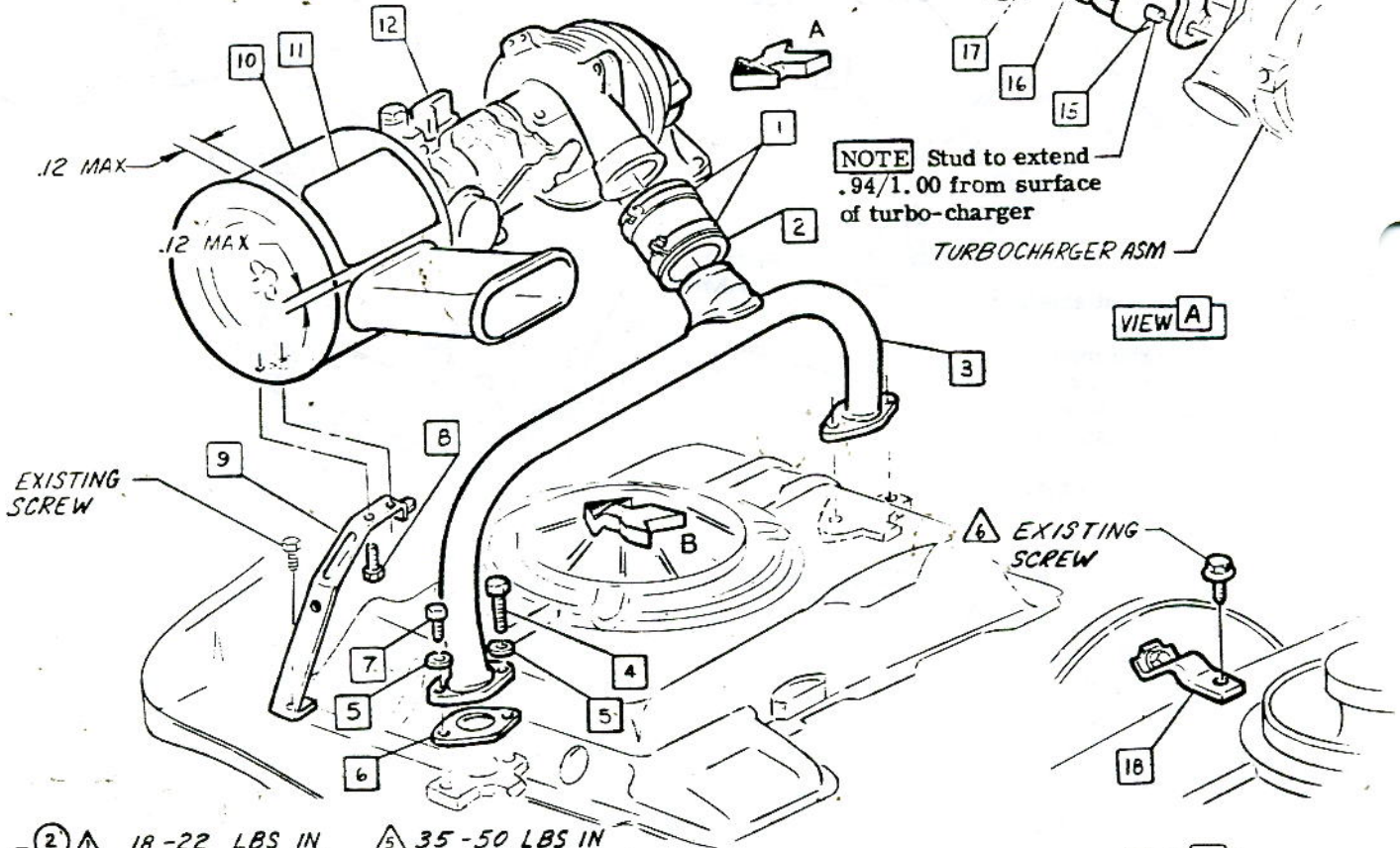
NOTE Stud to extend
2.32/2.38 from surface
of turbo-charger



NOTE Stud to extend
.94/1.00 from surface
of turbo-charger

TURBOCHARGER ASM

VIEW A



VIEW B

- ② ① 18-22 LBS IN
- ⑤ ① 8-12 LBS FT
- ⑦ ① 61-76 LBS IN
- ⑦ ① 16-22 LBS FT
- ⑤ ③ 35-50 LBS IN
- ⑤ ③ 70-95 LBS IN

* CHEVROLET MOTOR DIVISION, GMC *		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TURBO-CHARGER-DECALCOMANIA, INDUCTION PIPE, CARBURETOR & AIR CLEANER		L87	6-19-64	1	HAS 386724 DEC-ECOMANIA	64261	KS	DF
10700			8-6-64	2	TORQUE (1) WAS 30 LBS IN	65582	RS	DF
DWG PPEL 5-5			3-22-64	3	HAS 3856713 CARBURETOR	64658	RS	DF
DATE PEL 5-11			10-26-64	4	HAS 3873518 CARBURETOR	67471	RS	DF
RS	REF: Prel. 5		2-25-65	5	TORQUE (2) WAS 8-12 LBS. IN.	68894	JM	CI
	L- L- L-		2-17-65	6	HAS 120394 WASHER	5971	JM	
				7	TORQUE (4) WAS 17-26 LBS. FT.			CI
				8	HAS 3874444 CARBURETOR	68860	MB	CI

3862100

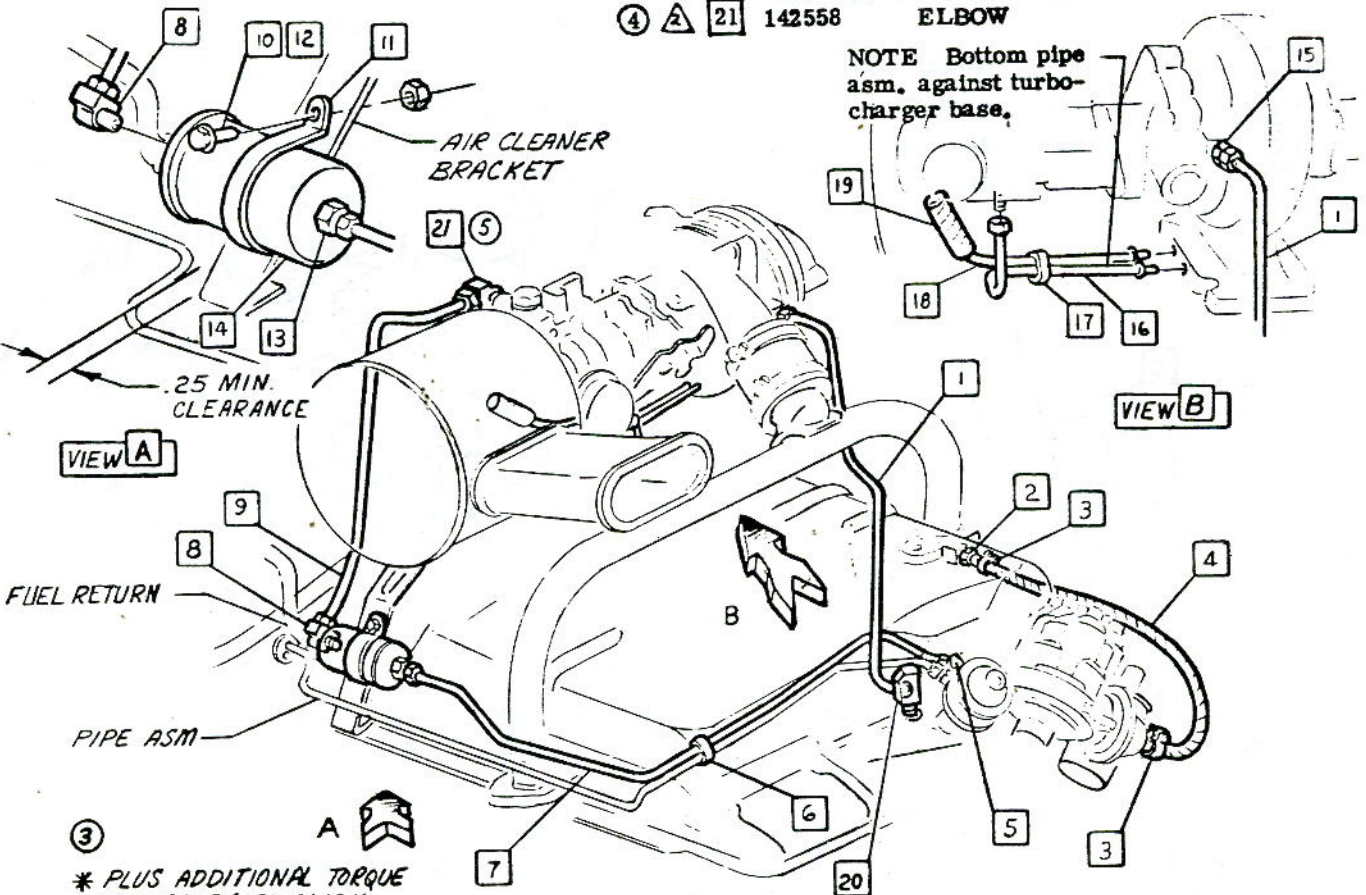
CORVAIR 10000 SERIES

- ▲ 1 3851846 PIPE ASM-OIL INLET
- ▲ 2 3818743 CONNECTOR
- ▲ 3 3783008 CLAMP
- 4 3818742 HOSE-SPARK
- ▲ 5 143347 ELBOW
- 6 3710497 CLIP
- ▲ 7 3828678 PIPE ASM-FUEL
- ▲ 8 137422 ELBOW
- ▲ 9 3867217 PIPE ASM-FUEL
- 10 121900 BOLT

- 11 3840323 STRAP
- ▲ 5 12 134551 NUT
- ▲ 2 13 142555 CONNECTOR
- 14 5650818 FILTER ASM
- ▲ 2 15 111345 CONNECTOR
- ▲ 6 16 3829478 PIPE ASM-CHOKE
- 17 3666901 CLIP
- 18 3829477 PIPE-AIR INLET
- 19 3817823 HOSE
- 20 3828680 TEE
- 21 142558 ELBOW

- 2 1 7
- 4 ▲

NOTE Bottom pipe asm. against turbo-charger base.



③ A
* PLUS ADDITIONAL TORQUE NECESSARY TO ALIGN TEE

- ▲ 85 - 105 LBS IN
- ▲ 100 - 125 LBS IN
- ▲ 7 - 11 LBS IN
- ▲ 115 - 135 LBS IN

- ▲ 45 - 60 LBS IN
- ▲ 75 - 175 LBS IN
- ▲ 40 - 60 LBS IN *

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
TURBO-CHARGER-FUEL FILTER, FUEL & CHOKE PIPES		L87	6-18-66	1	121711 CONNECTOR (100-125 LBS IN) REMOVED	64260	AS	DF	
			10-5-64	2	ITEM (20) & TORQUE ADDED	6645A	RS	DF	
				3	TORQUE NOTE ADDED				
			3-4-65	4	ITEM 21 & TORQUE SYM ADDED	68894	KM		
				5	SYM 21 HAS SYM 0				C1
10700		5.							
DWG PREL 5-5	RS	REF: Prel. 2	L-65936	L-					
DATE REL 5-15		L-	L-	L-					
		SHEET							

3862100

CORVAIR 10000 SERIES

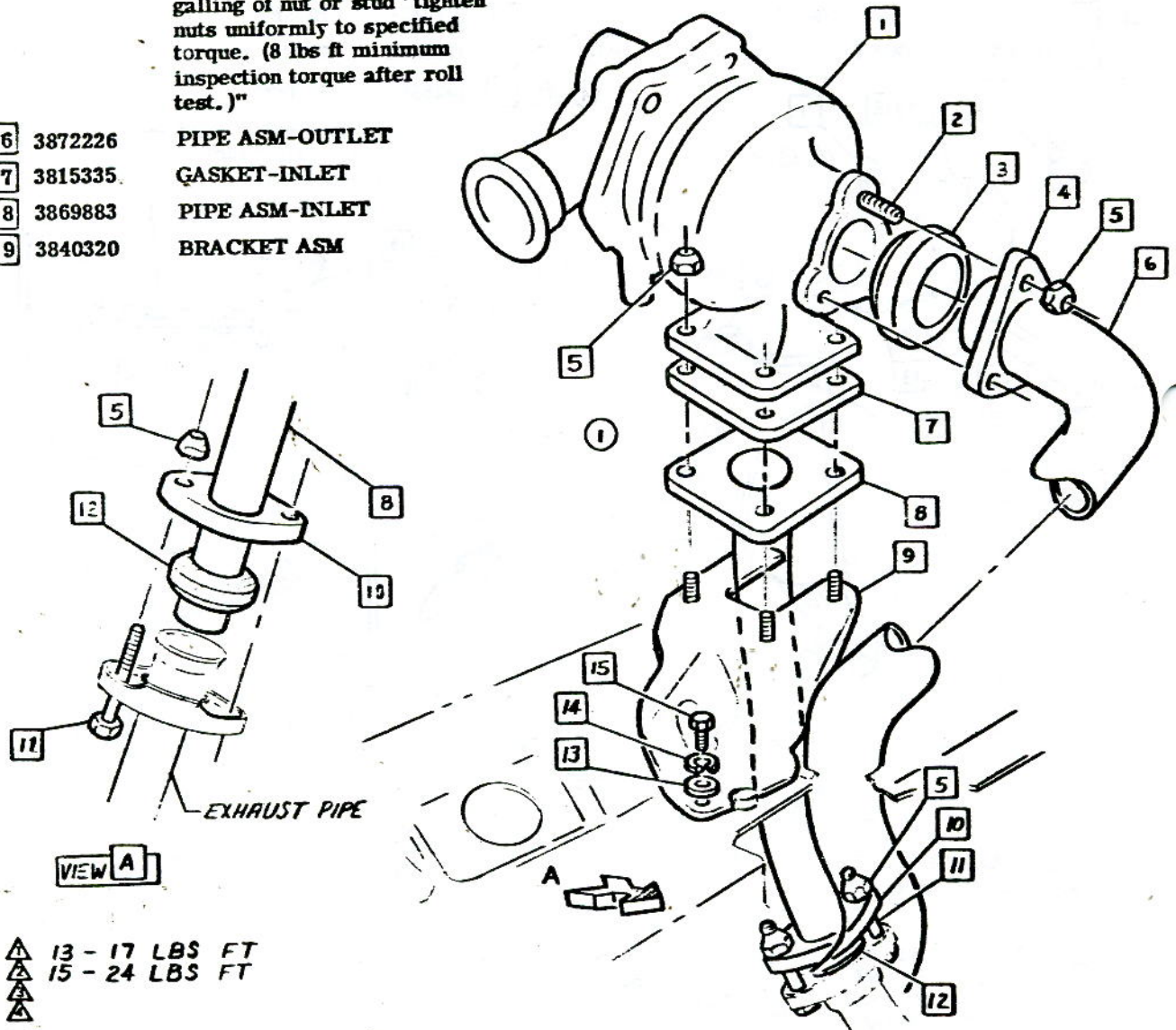
- 1 3856709
- 2 3829473
- 3 3767556
- 4 3850231
- ① 5 3829086

TURBOCHARGER ASM
STUD-Extend stud to 1.45/1.51 from surface of turbo-charger.
PACKING
FLANGE
NUT-Do not drive into position at over 250 R. P. M. (free) to prevent excessive heat build-up and consequent galling of nut or stud "tighten nuts uniformly to specified torque. (8 lbs ft minimum inspection torque after roll test.)"

- 10 3858447
 - 11 9420687
 - 12 593606
 - 13 3693853
 - 14 103321
 - ② 15 122138
- PLATE**
BOLT
PACKING
P. WASHER
L. WASHER
BOLT

- ④ ② 6 3872226
- 7 3815335
- ③ 8 3869883
- 9 3840320

PIPE ASM-OUTLET
GASKET-INLET
PIPE ASM-INLET
BRACKET ASM



① 13 - 17 LBS FT
 ② 15 - 24 LBS FT

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYN	REVISION RECORD	AUTH	DR	CK
TURBO-CHARGER-TURBOCHARGER, INLET & OUTLET PIPES		L87	2-23-64	1	STUD NOTE & ITEM: (13, RAIND)	64795	RS	
10700				2	WRS 385445 PIPE	65166		
DWG PREL 5-5				3	WRS 3858445 PIPE			WB
DATE REL 5-8				4	WRS 3862582 PIPE	65749	RS	LF
REF: Prel. 3 L-73336 L-		6.						
L- L- L-		<input checked="" type="checkbox"/> SHEET						



CHEVROLET

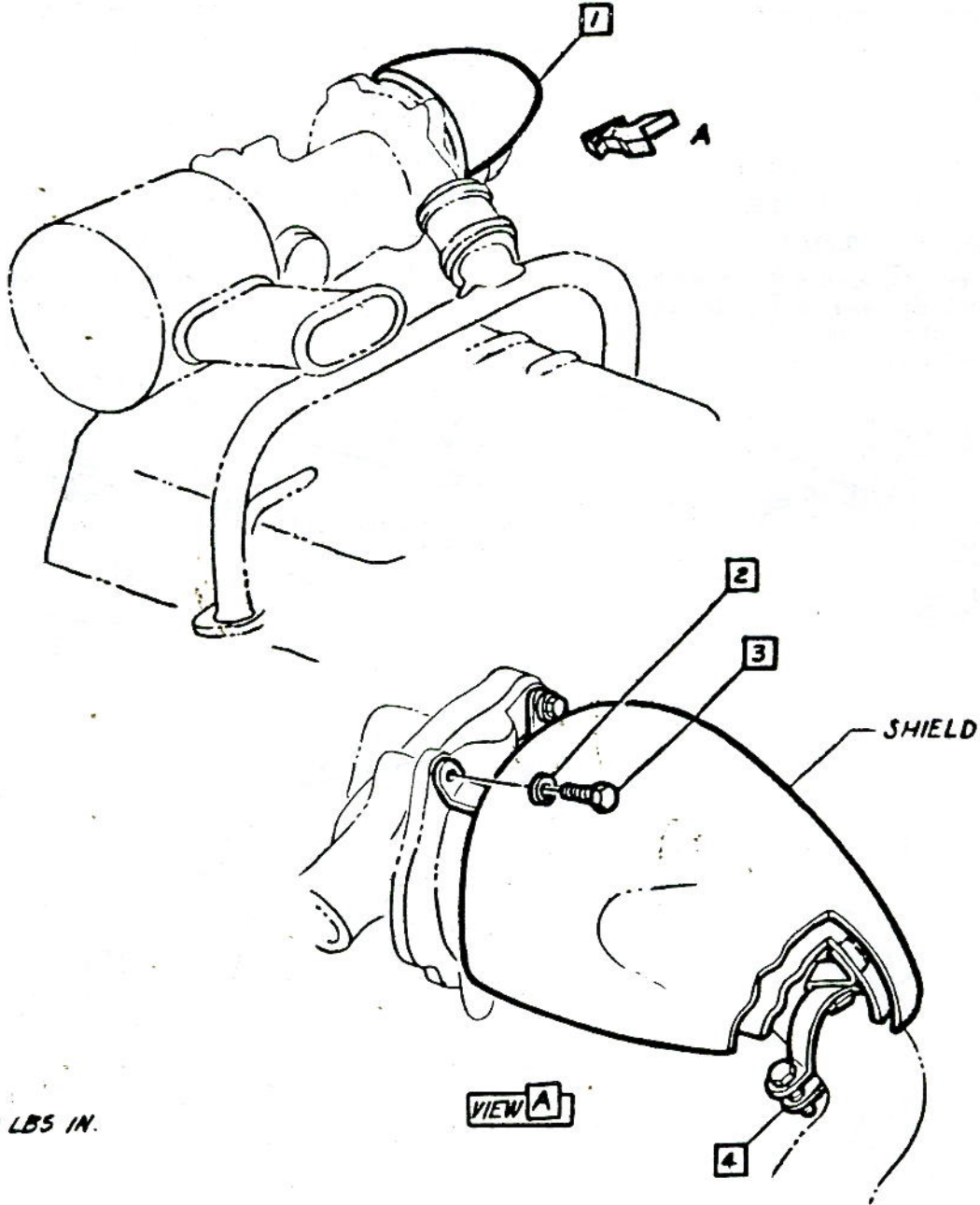
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 3851995 SHIELD
- ① 2 103310 L. WASHER

- ⚠ 3 9417815 BOLT
- 4 9421053 CLAMP



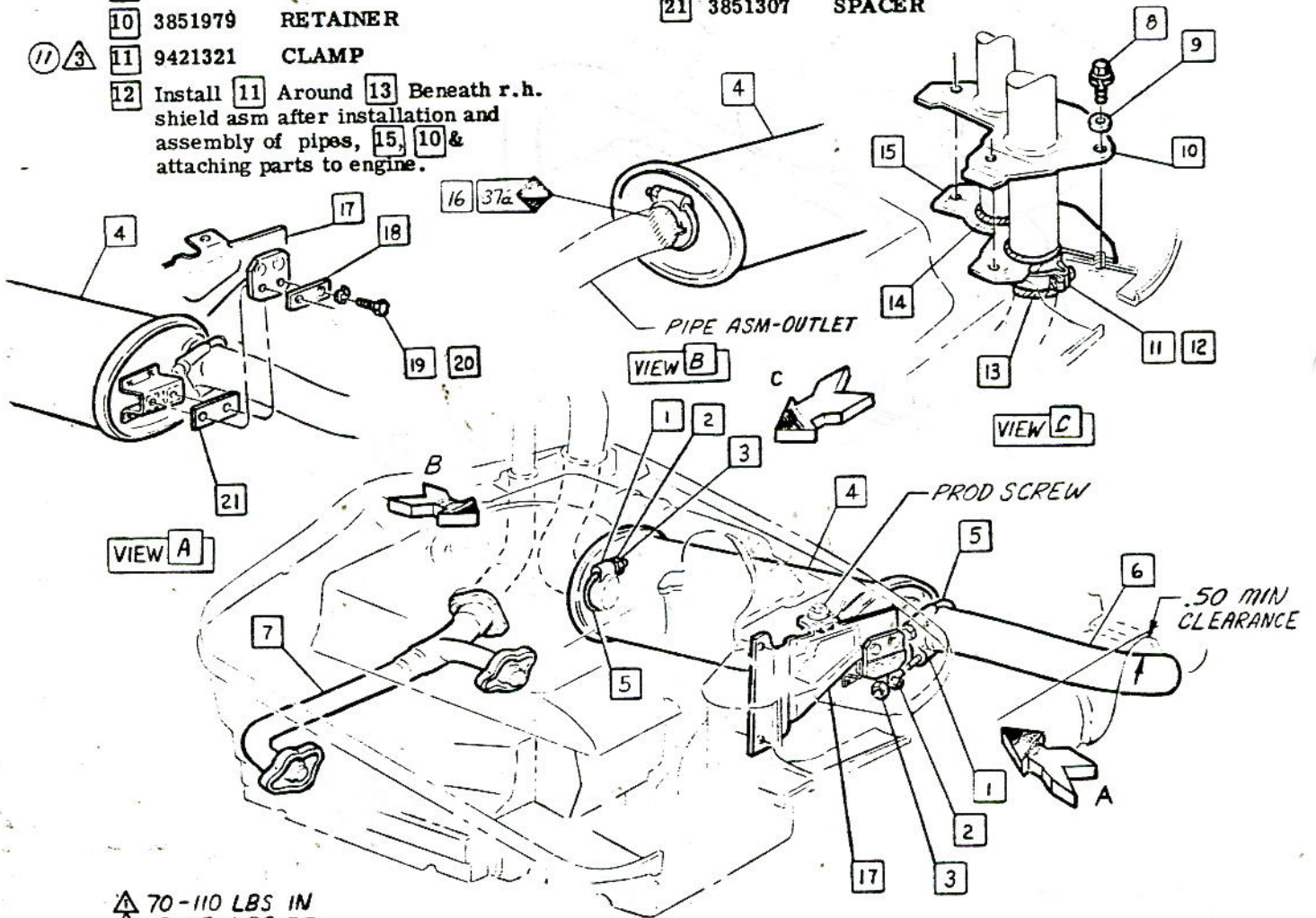
⚠ 20-30 LBS IN.
 ⚠
 ⚠
 ⚠

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
TURBO-CHARGER-HEAT SHIELD				L87	10-6-64	1	WAS 120380 WASHER	62884	RS	
10700				8.						
DWG PREL 5-5	RS	REF: Prel. 6	L-72649	L-						
DATE REL 5-8		L-	L-	L-						
<input checked="" type="checkbox"/> SHEET										

- ⑧ 1 2395898 CLAMP
- 2 103320 L. WASHER
- ① 3 102634 NUT
- 4 3869877 MUFFLER ASM
3869878 -OPT
- 5 2395897 "U" BOLT
- 6 3869879 PIPE-TAIL
- 7 3868440 EXHAUST PIPE ASM
- ⑨ ② 8 3856672 SCREW ASM
- 9 120392 P. WASHER
- 10 3851979 RETAINER
- ⑪ ③ 11 9421321 CLAMP

- 13 3827240 SEAL
- 14 3827241 SEAL
- 15 3851978 PLATE
- 16 9985020 SEALING COMPOUND Approx .02 oz per
job apply to full I. D. of connector prior to
assembly of exhaust pipe.
- ⑩ ④ 17 3873602 BRACKET ASM
- 18 3851306 RETAINER
- 19 103320 L. WASHER
- ④ 20 122017 BOLT
- 21 3851307 SPACER

12 Install 11 Around 13 Beneath r.h. shield asm after installation and assembly of pipes, 15, 10 & attaching parts to engine.



- △ 70-110 LBS IN
- △ 13-17 LBS FT
- △ 22-30 LBS IN
- △ 100-140 LBS IN

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TURBO-CHARGER-EXHAUST SYSTEM				L87	10-5-64	8	WAS 239298 CLAMP	66407	RS	DF
					2-2-65	9	WAS 9409107 SCREW	15929	RS	
						10	WAS 385982 BRKT & SWG REVISED	15855	CI	
					4-23-65	11	WAS 9411321 CLAMP		LS	CI
10700				9.						
DWG PREL B	RS	REF: Prel. 7	L-73078		L-76367					
DATE REL 5-15		L-	L-		L-					
				SHEET 1						

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

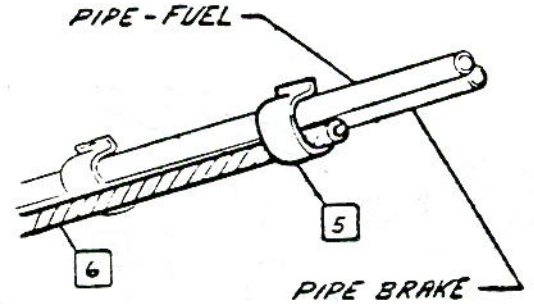
- ① 3882010 HOSE
- ② Position ends of all clamps 3/8 to 1/2 in. away from sheet metal for service & to avoid noise & vibrations.

- ⑦ 25 3019070 CLIP
- ⑧ 26 3886605 FITTING
- ⑨ 27 3886604 NUT ASM.

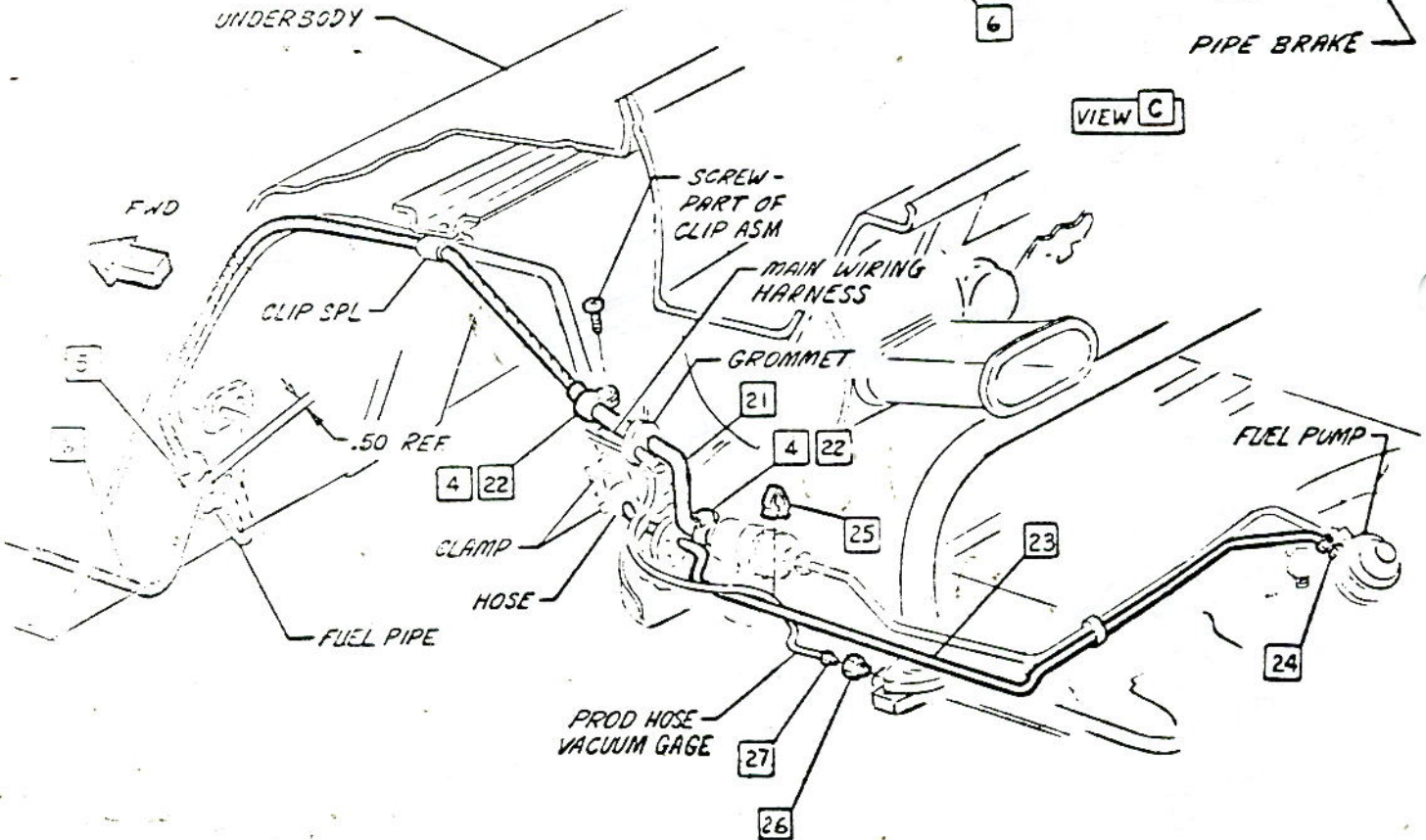
- ⑩ 3033502 PIPE ASM. - FUEL
- ⑪ 142555 CONNECTOR

⑥ HOSE FITTING INSTRUCTIONS

INSERT HOSE INTO FITTING BOTTOMING HOSE OUT. ROTATE NUT UNTIL FINGER TIGHT. THEN MAKE TWO FULL TURNS.



VIEW C



SEE HOSE FITTING INSTRUCTIONS

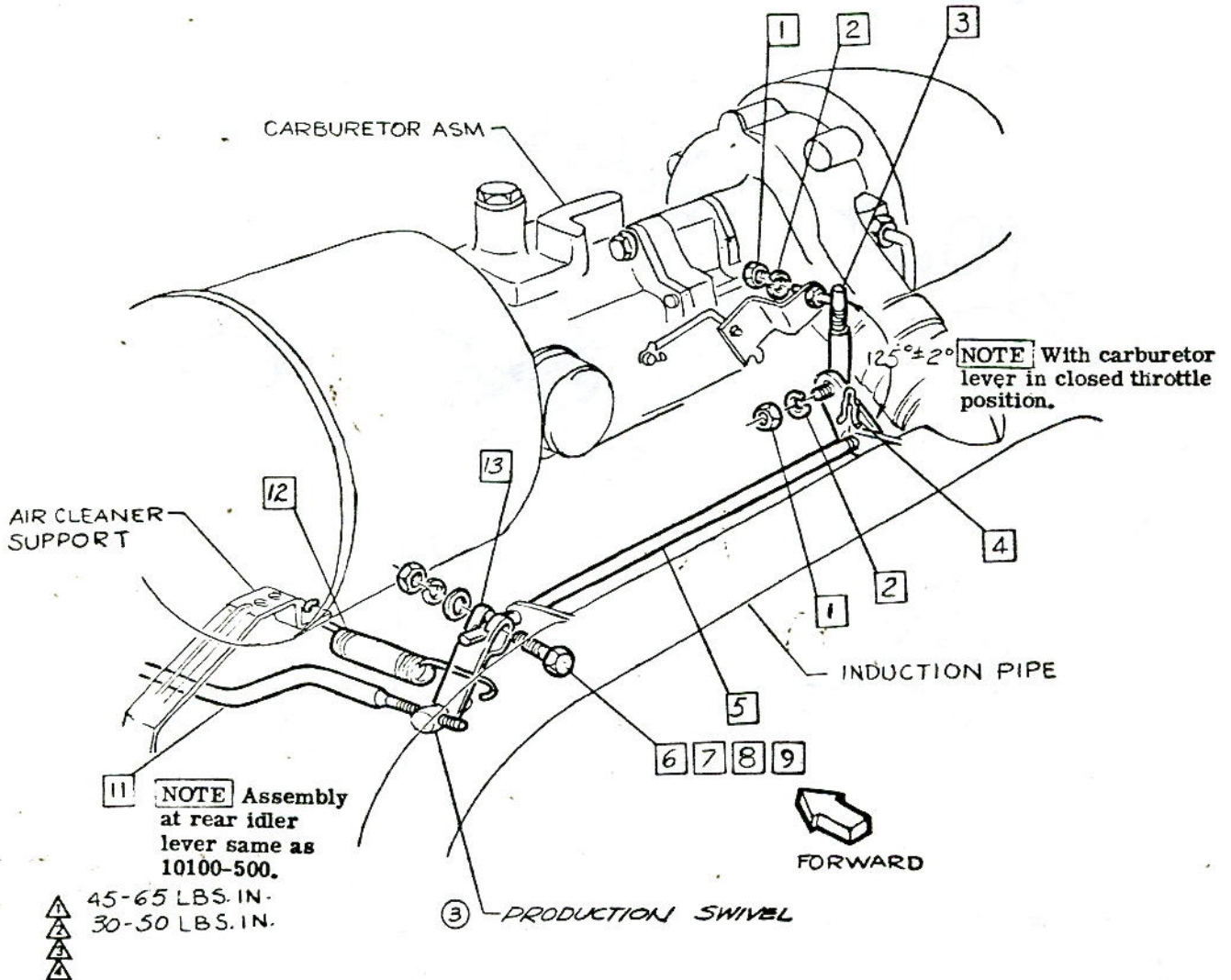
- 115 - 125 LBS IN
- 100 - 125 LBS IN

CORVAIR MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TURBO-CHARGER - VACUUM GAGE HOSE, FUEL & FUEL RETURN LINES				L87	8-4-68	7	WAS 3724051 TAPE			
						8	HOSE FITTING INSTRUCTIONS ADDED			
10700				REF 10.						
DWG PARTS-9				11.						
DATE REL 5-12				SHEET 1						



- 1 142247 NUT
- 6 121900 BOLT
- 11 3861884 ROD
- 2 121753 L. WASHER
- 7 120392 P. WASHER
- 12 3791577 SPRING
- 3 3824172 ROD
- 8 103319 L. WASHER
- 13 3817253 LEVER
- 4 9418227 RETAINER
- 9 134551 NUT
- 5 3824178 CROSS SHAFT ASM
- 10

NOTE ACCELERATOR CONTROL LINKAGE
ADJUSTMENT SAME AS 10100-500
EXCEPT AS SHOWN



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
CARBURETOR CROSS SHAFT LINKAGE				L 87	7-6-64	2	REDRAWN & REVISED	64748	RC	DP
					2-23-65	3	WAS ITEM (10)	68894	JM	
10700				12.		4	3817253 SWIVEL R.H.V.D.			CI
DWG PREL 5-5	R.C.	REF. Prel. I.	L- 71490	L-						
DATE REL 5-5		L-	L-	L-						
				SHEET						

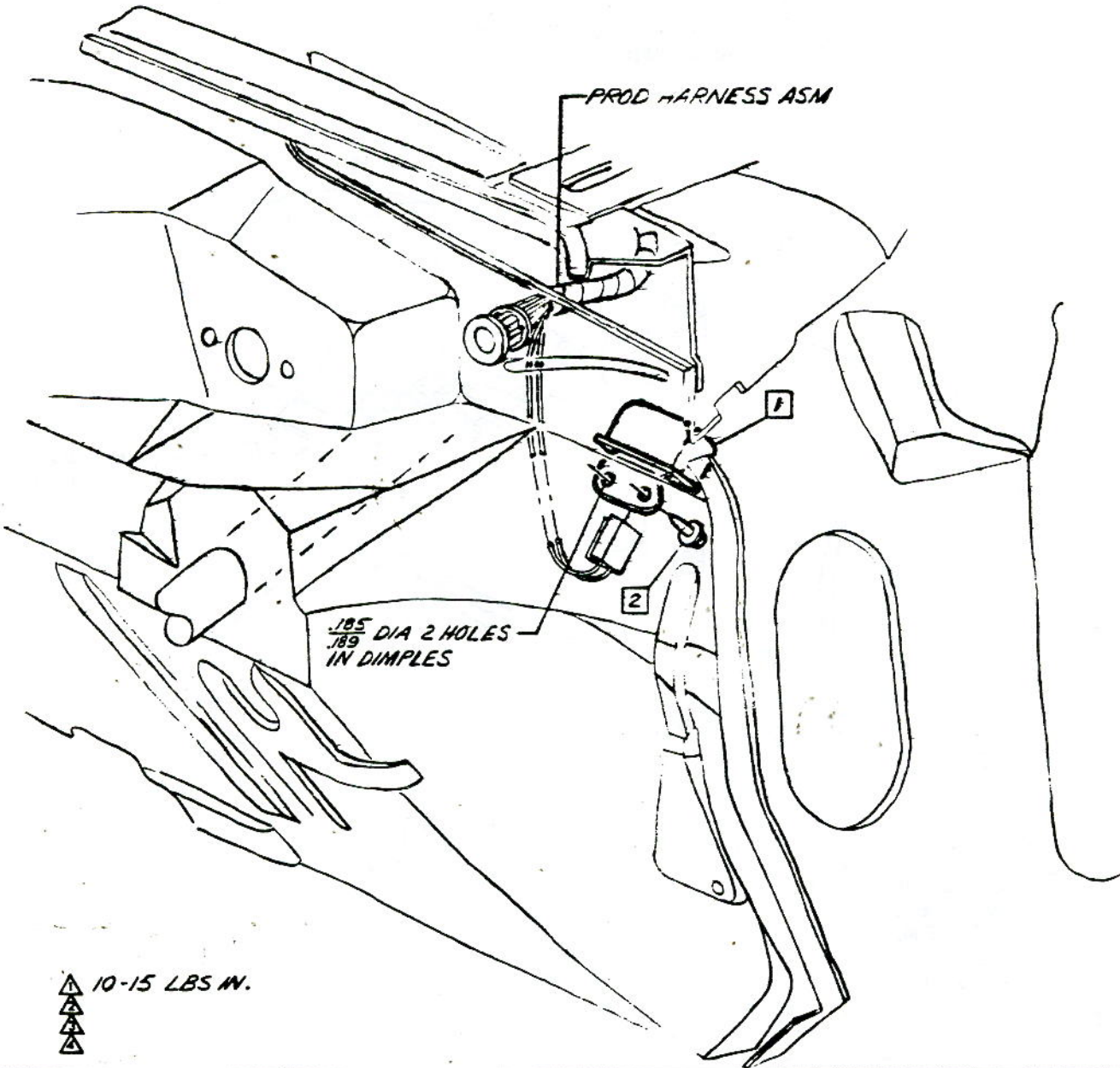


R H S T P U L E

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- 1 1116952 BUZZER ASM-TEMP WARNING
- ⚠ 2 9414192 SCREW



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
TURBO-CHARGER-TEMPERATURE WARNING BUZZER		L 87						
10700								
DWG	JB REF: ECR 64369L-7325B L-	13.						
DATE REL 8-27	DF L- L- L-		SHEET					



NOT ILLUSTRATED ON THIS SHEET

SHEET

TITLE

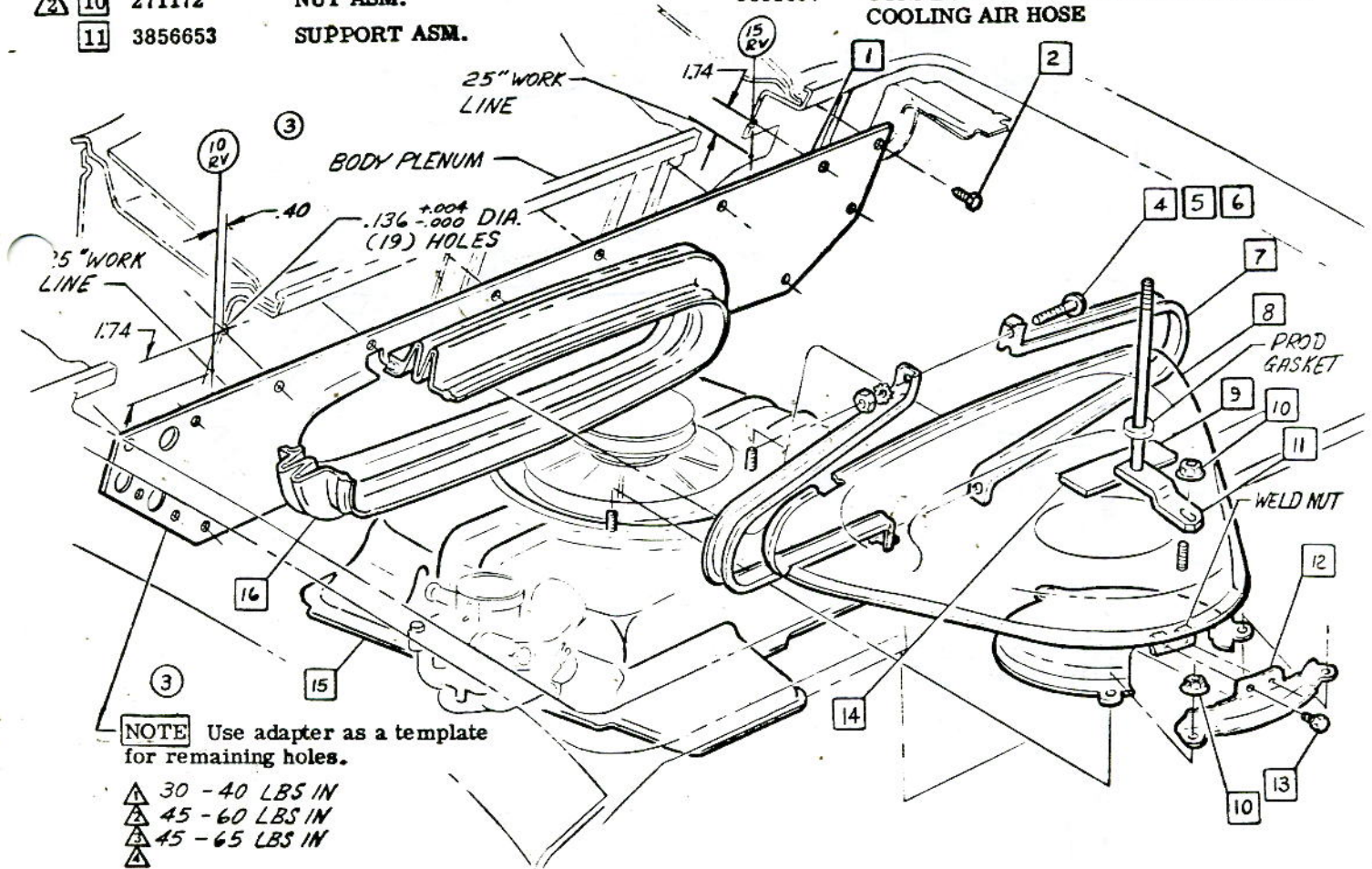
1.

CONTENTS

2. AIR CLEANERS

- 1 3856660 ADAPTER - DUCT TO PLENUM
- △ 2 9417558 SCREW
- 3
- 4 9412234 SCREW
- 5 121753 L. WASHER
- △ 2 6 134551 NUT
- 7 3856667 RETAINER
- 8 3867234 DUCT ASM
- 9 3856669 PAD
- △ 2 10 271172 NUT ASM.
- 11 3856653 SUPPORT ASM.

- 12 3867242 COVER
 - △ 3 13 9420751 SCREW ASM
 - 14 3771312 CEMENT - .065 oz per job
 - 15 3856664 SHROUD
 - 16 3867232 SEAL ASM.
- ② THE FOLLOWING PARTS ARE ASSEMBLED SAME AS RPO L87
- 3863667 HOSE-CAR HTR COOLING AIR
 - 3869520 CLAMP-CAR HTR COOLING AIR
 - 9422524 SCREW-CAR HTR COOL AIR HOSE
 - 9417227 RIVET-ENG UPR SHROUD CAR HTR
 - 3851897 CONNECTOR-ENG UPR SHRD CAR HTR COOLING AIR HOSE



NOTE Use adapter as a template for remaining holes.

- △ 30 - 40 LBS IN
- △ 45 - 60 LBS IN
- △ 45 - 65 LBS IN

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CLEANER HEAVY DUTY PRE-CLEANER-CONTENTS				K46	6-19-64		REDRAWN, REVISED E 64200	64395	RS	
							3 TORQUES ADDED			
10100-500				1.	7-23-64	2	NOTE & PART NUMBERS ADDED	64798	KS	DF
								64617		HB
DWG PREL 4-27 RS DATE REV 5-22				SHEET	10-12-64	3	HOLE DIMS & ADAPTER NOTE ADDED	66467	RS	DF
REF: Prel. 1 L-73867 L- L- L- L-										

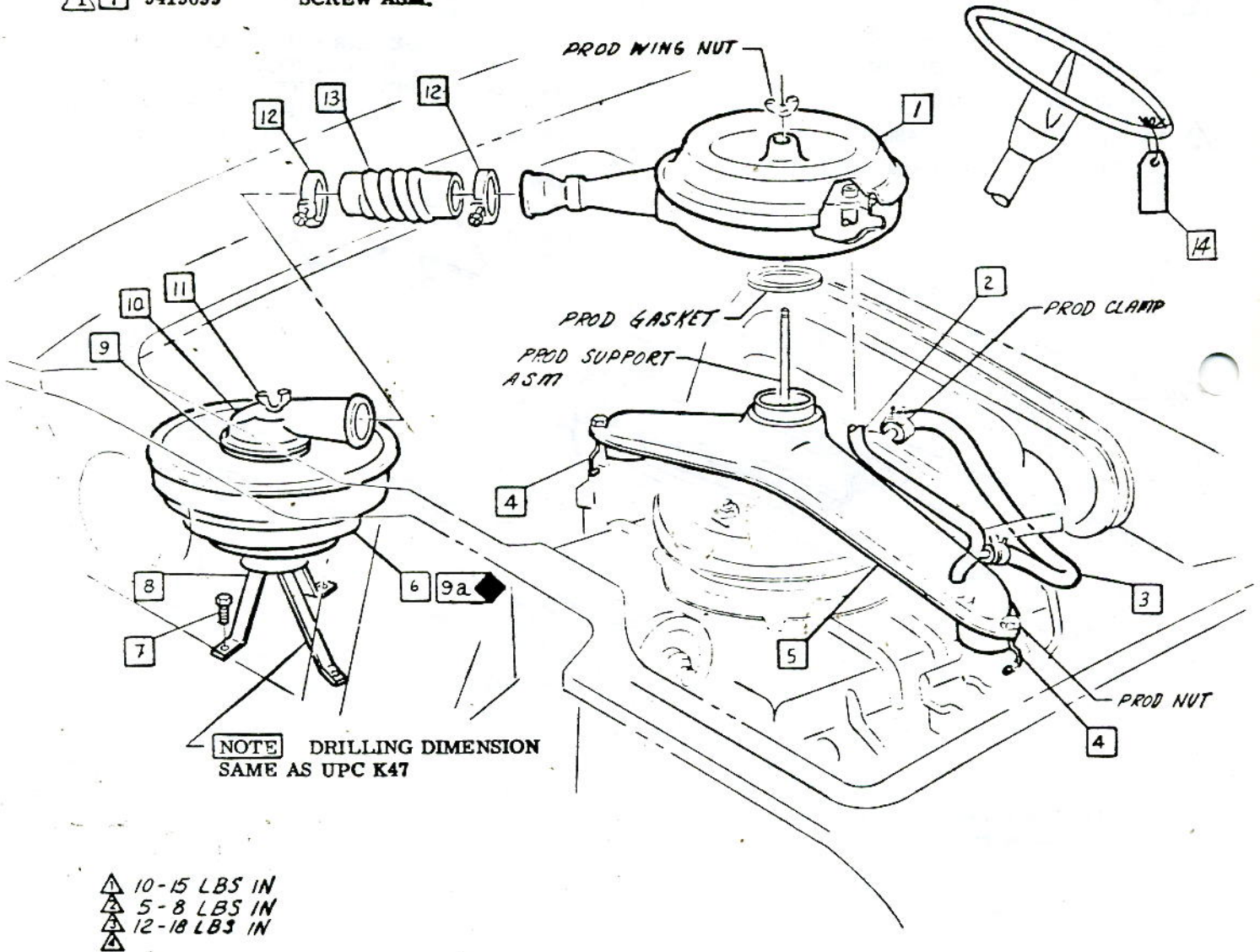


CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- | | | | | | |
|---|---------|----------------------------|----|---------|---------------------------------|
| 1 | 6419984 | AIR CLEANER. ASM. | 8 | 3856644 | BRACKET ASM. - AUX. AIR CLEANER |
| 2 | 3856657 | TUBE ASM. - CRANKCASE VENT | 9 | 1552261 | GASKET |
| 3 | 3856659 | HOSE - SPECIAL | 10 | 3851802 | OUTLET ASM. |
| 4 | 3856655 | BOLT - J | 11 | 3856710 | BOLT ASM. |
| 5 | 3877680 | TUBE & EXT. ASM. - INLET | 12 | 274765 | CLAMP |
| 6 | 6419985 | AIR CLEANER ASM. | 13 | 3856697 | HOSE - SPECIAL |
| 7 | 9419699 | SCREW ASM. | 14 | 3694280 | TAG. |



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AIR CLEANER HEAVY DUTY PRE-CLEANER AIR CLEANERS		K46	2-30-64	1	ITEM 14 ADDED	15347	ER	CI
			1-25-65	2	WAS 3856651 TUBE	15352	BY	CI
10100-500		2.						
DWG PREL 4-27 PS REF: Prod. 2 L-73867 L-			<input checked="" type="checkbox"/> SHEET					
DATE PREL 4-28 L- L- L-								



CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

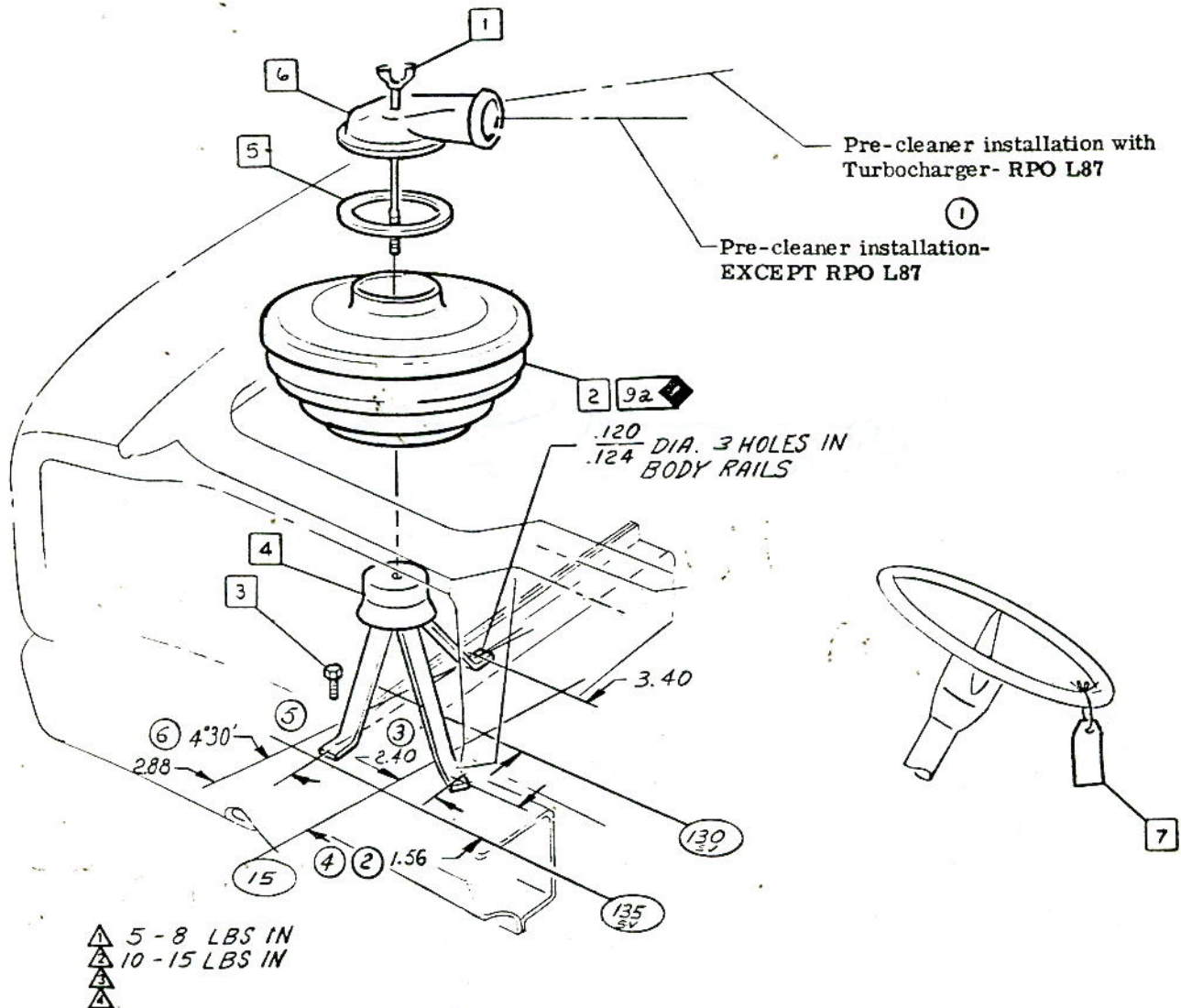
SHEET TITLE

NOT ILLUSTRATED ON THIS SHEET

1. CONTENTS

2. PRE-CLEANER-(EXC AIR CONDITIONING)
3. AIR CONDITIONING

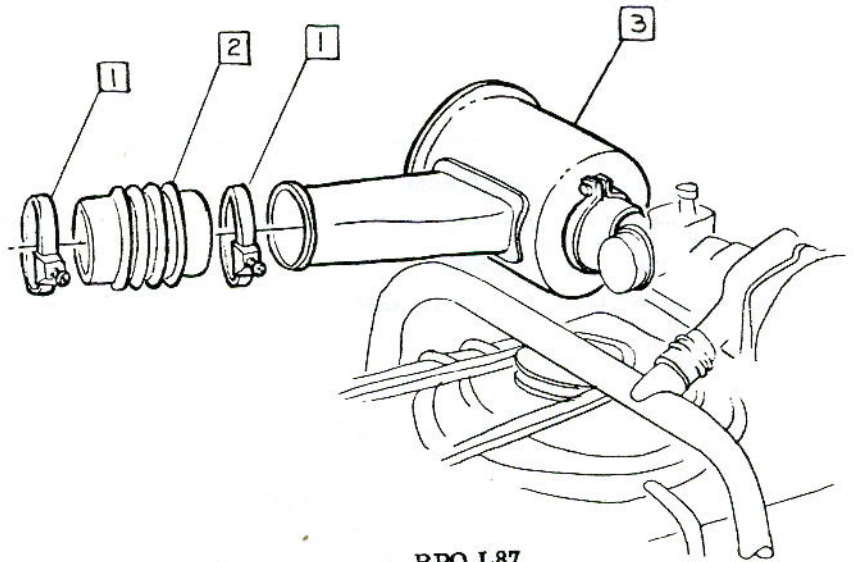
- | | | | | | |
|---|---------|---------------------|---|---------|----------------|
| 1 | 3856710 | BOLT ASM | 5 | 1552261 | GASKET |
| 2 | 6419985 | AIR CLEANER ASM-AUX | 6 | 3851802 | OUTLET ASM (1) |
| 3 | 9419699 | SCREW | | 6420495 | RPO L87 |
| 4 | 3856644 | BRACKET ASM | 7 | 3694280 | TAG WARNING |



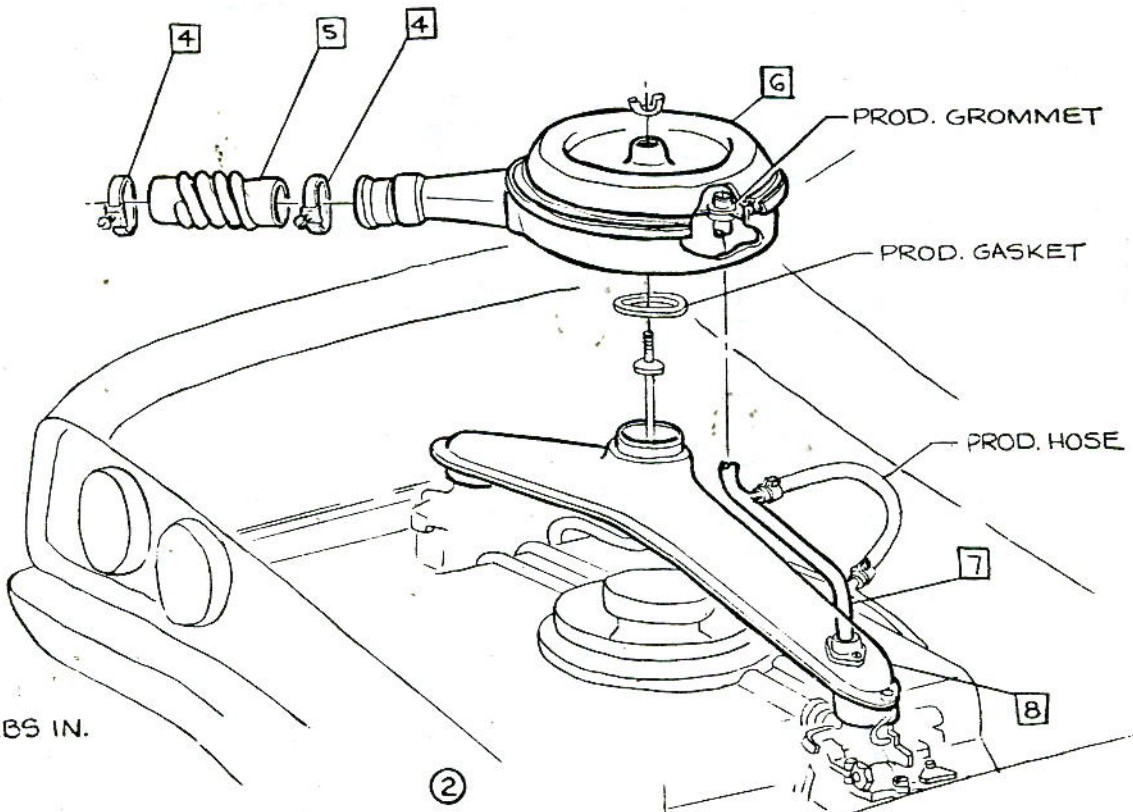
- ▲ 5 - 8 LBS IN
- ▲ 10 - 15 LBS IN
- ▲
- ▲

* CHEVROLET MOTOR DIVISION, GMC *				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK	
OIL BATH AIR CLEANER-PRE-CLEANER -CONTENTS				K47	7-23-64	1	1.25 WAS 1.34	63687	KS	HB	
					3-11-65	2	2.40 WAS 1.88			KM	CI
10000				1.	3-31-65	3	1.56 WAS 1.25	70038	KM		
						4	TO REMOVED				
DWG PREL 3-12 RS REF: Prel. 1 L-74581 L-75115 DATE REL 5-22 L- L- L-				SHEET		6	4*30* ADDED				CI

- ① 1 9414942 CLAMP
- ② 2 3851994 HOSE ASM
- ③ 3 6420884 AIR CLEANER ASM
- ④ 4 274765 CLAMP
- ⑤ 5 3856697 HOSE ASM
- ⑥ 6 6419984 AIR CLEANER ASM
- ⑦ 7 3856698 TUBE ASM
- ⑧ 8 3856700 TUBE ASM 10100-500
PROD 10700



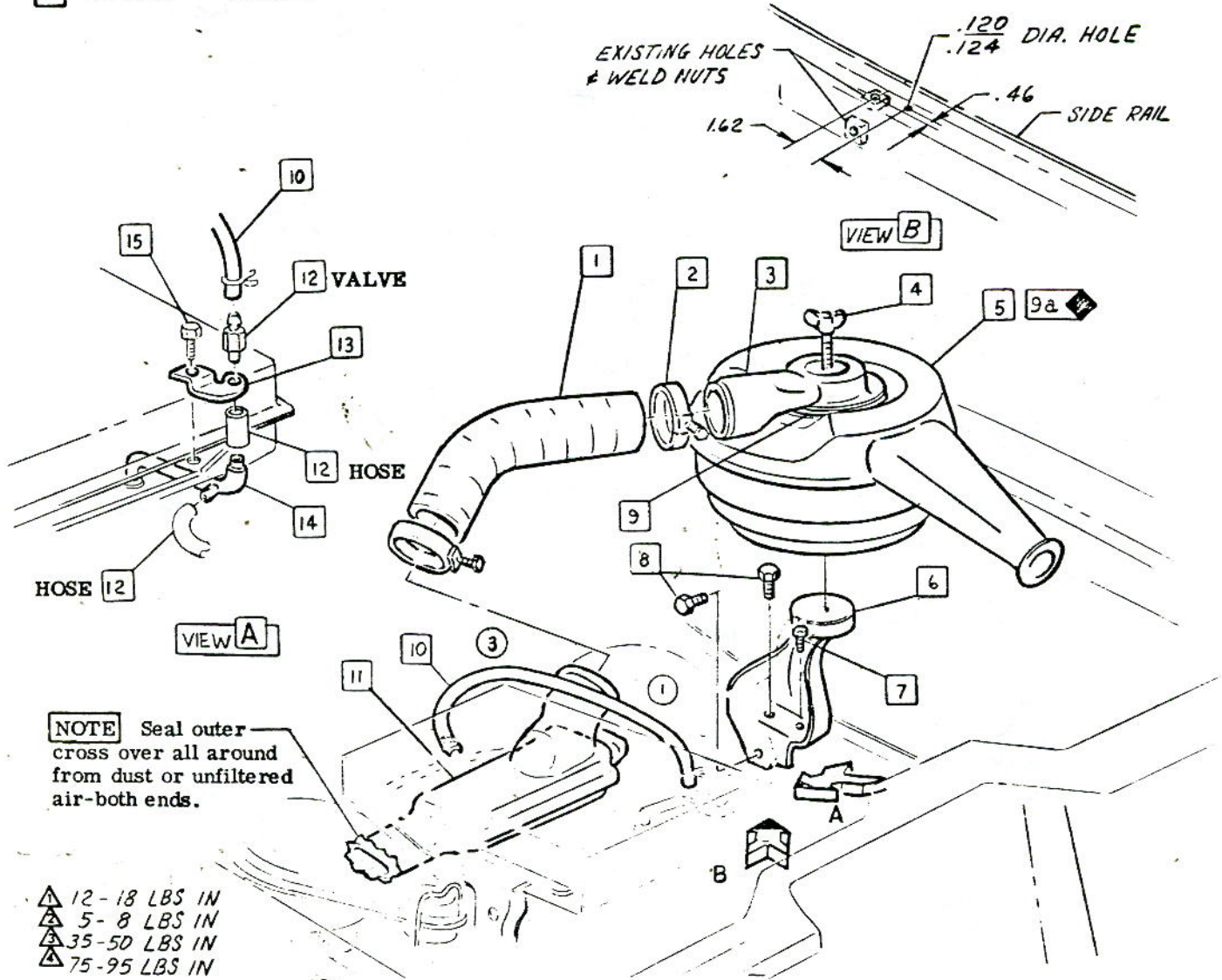
RPO L87



▲ 12-18 LBS IN.
▲
▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
OIL BATH AIR CLEANER-PRE-CLEANER EXCEPT AIR CONDITIONING		K47	7-23-64	1	10700 MODEL ADDED	63667	AS	
				2	RESTRICTION REMOVED			HB
10000		2.						
DWG PREL 3-12	RE	REF: Prel. 2	L-74581	L-				
DATE REL 3-12		L-	L-	L-				
		SHEET						

- | | | | | | | |
|---|---------|-------------|----------|---------|-----------------------|----------------------------|
| 1 | 3856649 | HOSE | 10 | 3851806 | HOSE | |
| 1 | 2 | 274765 | CLAMP | 11 | 3851803 | INTAKE ASM |
| 3 | 3851802 | OUTLET | 12 | 12 | PARTS SAME AS RPO C64 | |
| 2 | 4 | 3856710 | BOLT ASM | 13 | 3851804 | SUPPORT |
| 5 | 6420085 | AIR CLEANER | 14 | 3851805 | TUBE ASM | |
| 6 | 3867236 | BRACKET ASM | 2 | 3 | 15 | SCREW - PART OF EVAPORATOR |
| 3 | 7 | 9419699 | SCREW | | | |
| 4 | 8 | 3786036 | SCREW | | | |
| 9 | 1552261 | GASKET | | | | |



NOTE Seal outer cross over all around from dust or unfiltered air-both ends.

- ▲ 12-18 LBS IN
- ▲ 5-8 LBS IN
- ▲ 35-50 LBS IN
- ▲ 75-95 LBS IN

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE SYM	REVISION RECORD	AUTH.	DR	CK
OIL BATH AIR CLEANER-PRE CLEANER WITH AIR CONDITIONING		K47	7-6-64	1 HOSE DRAWING REVISED	—	RS	—
10100-500			8-8-64	2 TORQUE ADDED	—	RS	DF
DWG PREL 3-12 RS REF: Prel. 3 L-75115 L-70957			7-8-64	3 HOSE DRAWING REVISED	—	RS	DF
DATE REL 5-22	L- L- L-	3.					
		SHEET					



CHEVROLET

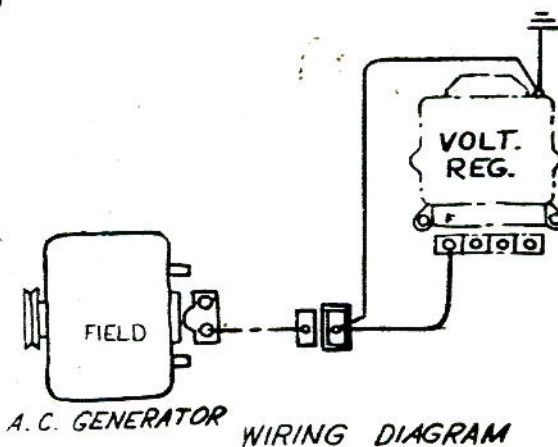
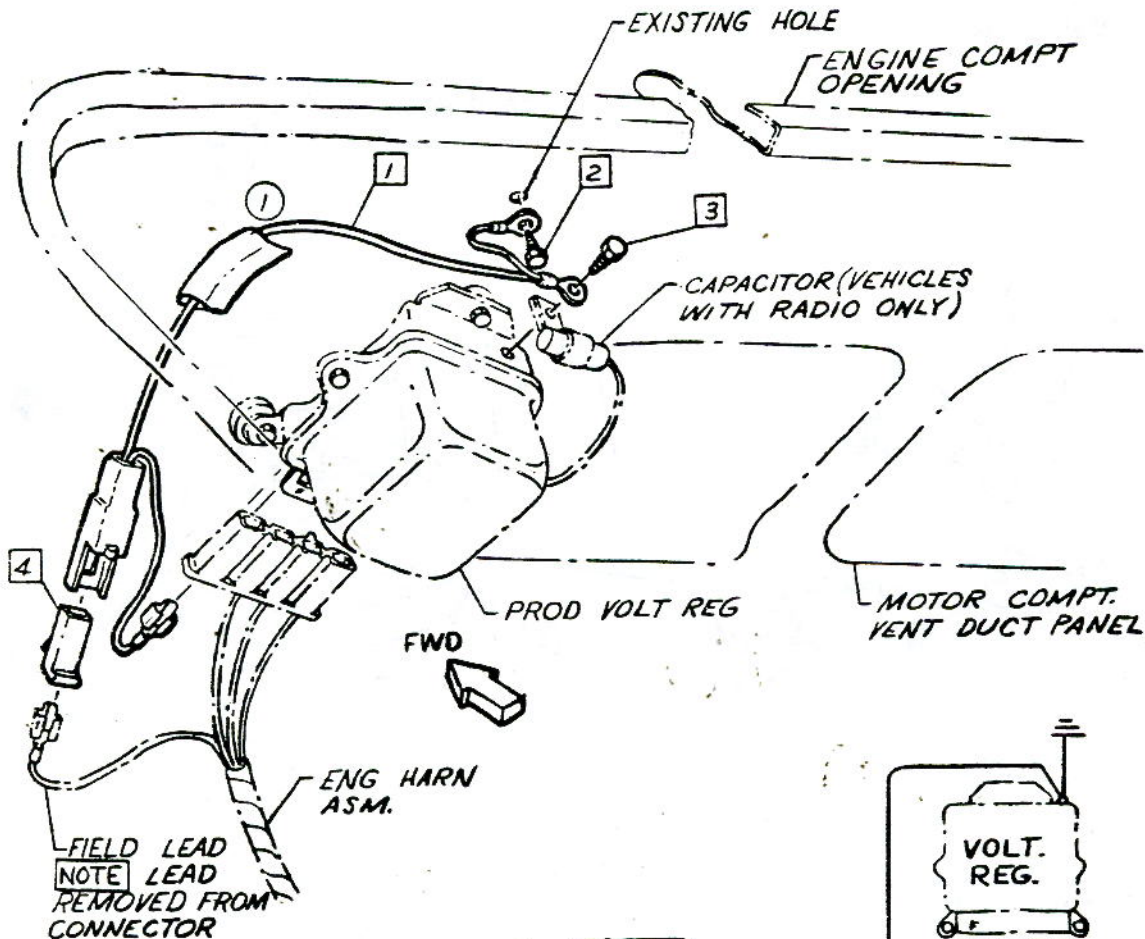
ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

THE FOLLOWING PARTS INSTALL SAME AS REGULAR PRODUCTION

1100698 GENERATOR

- 1 2988198 WIRE ASM
- 2 9414192 SCREW
- 3 9419305 SCREW
- 4 2977253 CONNECTOR



- ▲ 16-22 LBS IN.
- ▲ 13-18 LBS IN.
- ▲
- ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTL	DR	CK
A. C. GENERATOR		K84	10-6-64	1	DRAWING REVISED	66958	RV	DF
10000		1.						
DWG PREL 3-20	RV	REF: Prod. /	L-	L-				
DATE REL 3-20		L-	L-	L-				
		SHEET						

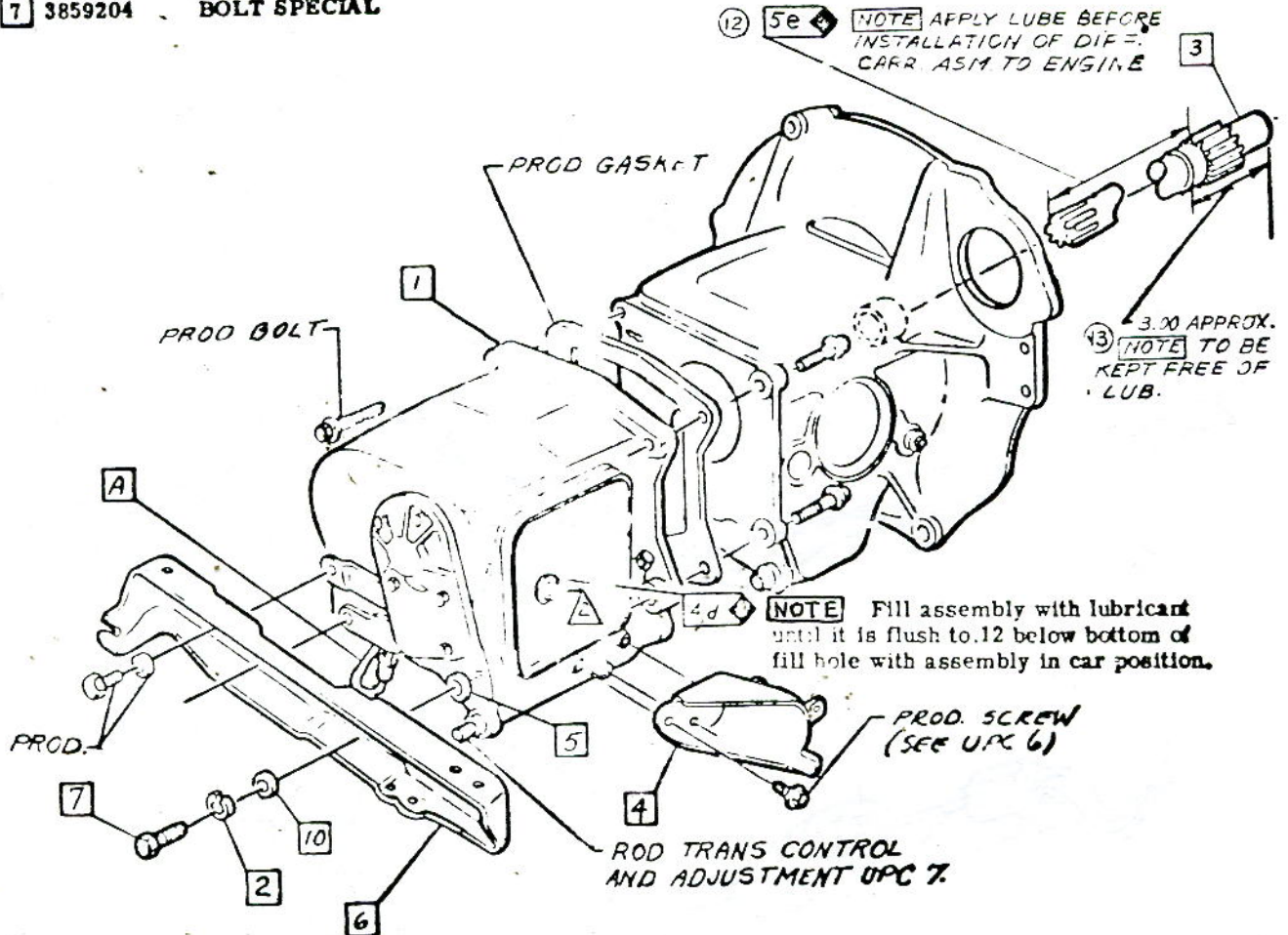
SHEET

TITLE

1. CONTENTS

A 2. BACKING LAMP SWITCH

- | | | | | | |
|---|---|---------|-------------------|----|---------------------|
| ① | 1 | 3864461 | TRANSMISSION ASM | 8 | |
| ② | 2 | 103322 | L. WASHER | 9 | |
| | 3 | 3840297 | SHAFT TRANS INPUT | 10 | 3710593 WASHER |
| | 4 | 3787438 | BRACKET ASM | 10 | |
| | 5 | 3859205 | SPACER SPECIAL | 11 | |
| | 6 | 3868699 | BRACKET ASM TRANS | 9 | 3872875 HOUSING ASM |
| ① | 7 | 3859204 | BOLT SPECIAL | | |



- ▲ 35-55 LBS. FT
- ▲ 12-16 LBS. FT
- ▲

NOTE See UPC 7 for clutch adjustment; cross shaft dim to trans cross member is .87 ±.12

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CR
FOUR SPEED TRANSMISSION-CONTENTS		M 20	2-1-64	8	ITEM 2 REVISED	5847	SB	DA
			3-22-64	9	WAS 3869812 HOUSING	66069	SB	DA
10000		1.	2-23-65	10	3726816 ROD REWORKED			
			3-23-65	11	3859205 MEMBER REV'D			
DWG PPTL 35-64		SB	REF: Prod. 1.	L-71490	L-71468			
DATE REL 3-24-64			L-	L-	L-			
SHEET 15								

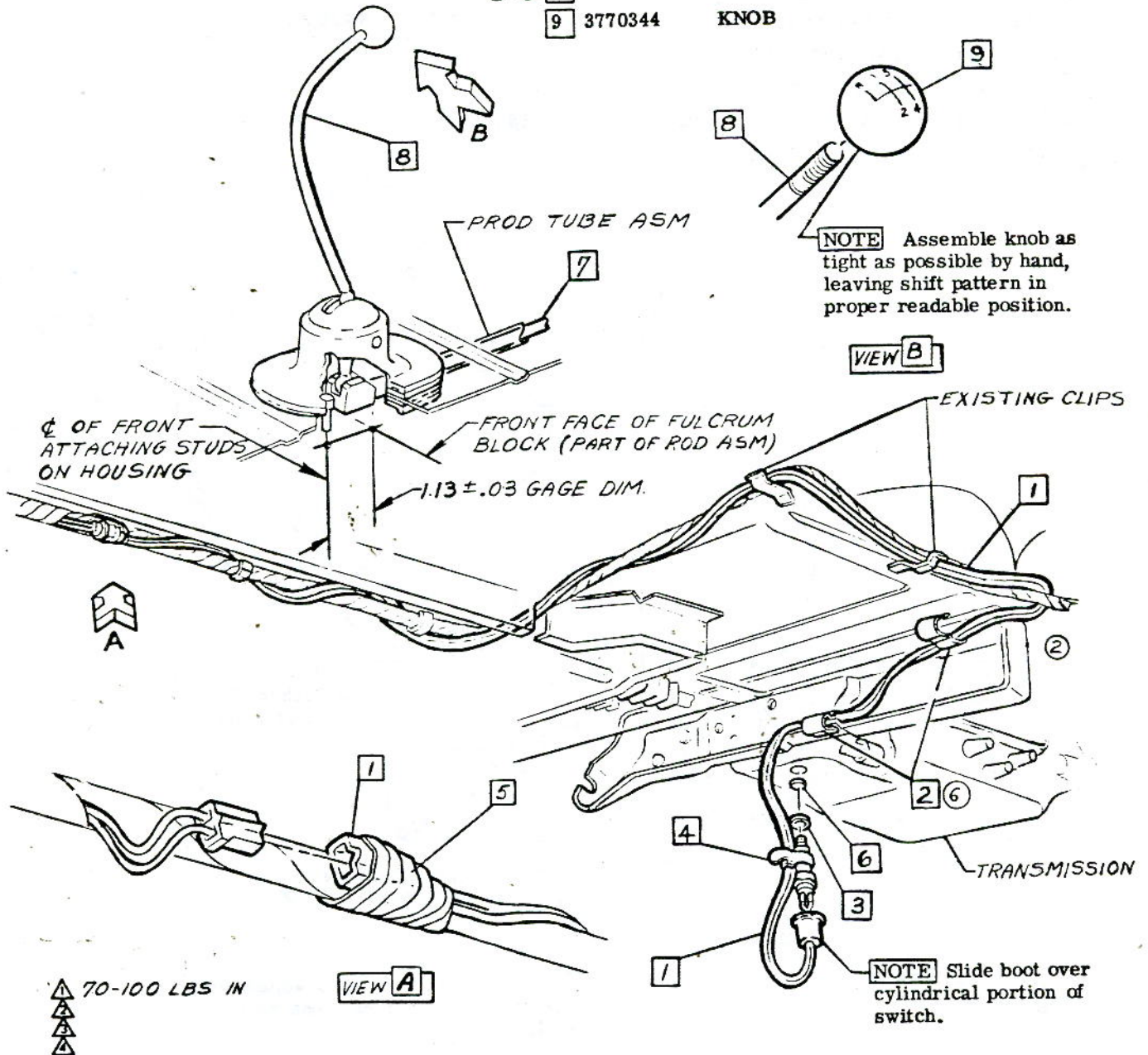
3862100

CORVAIR 10000 SERIES

- ③ ① 1 1993326 SWITCH ASM
10500-10700 & UPC Z01-Z13
- 2 3650598 CLIP
- 3 3833294 GASKET
- 4 4778650 STRAP

- 5 3724851
- 6 6256809
- ⑤ 7 3879762
- ④ 8 3872872
- 9 3770344

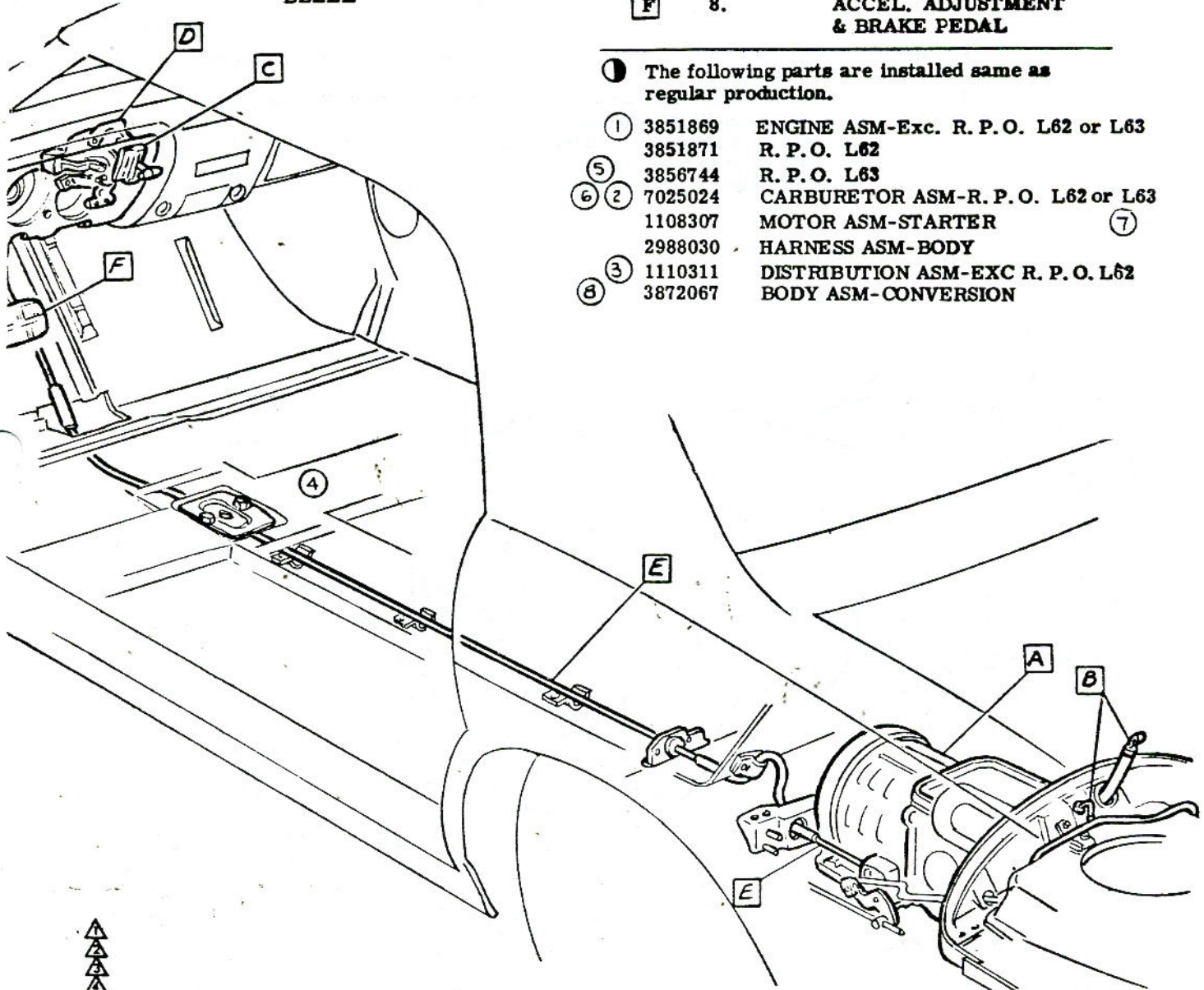
- TAPE 6 INCHES
Used to tape backing lamp switch wire to body wire harness.
- PLUG 10100
- ROD ASM
- LEVER ASM
- KNOB



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FOUR SPEED TRANSMISSION BACKING LAMP				M 20	7-17-64	1	REDRAWN & REDESIGNED	65172	SE	DL
					8-27-64	2	WIRE ROUTING REVISED	66592	SE	DL
10000				2.	8-22-64	3	WAS 1993302 SWITCH	66592	SE	DL
					8-22-64	4	WAS 3859285 LEVER	66069	SE	DL
DWG PREL 2-5-65 SD REF: Prel. 2 L-73775 L- DATE REL 5-7-64 L- L- L-				SHEET	1-15-65	5	WAS 3870450 ROD	68911	JT	CI
					2-23-65	6	CLIP DRAWING REVISED	70039	JT	CI

SHEET	TITLE
1.	CONTENTS
A 2.	TRANS. TO ENGINE
B 3.	VACUUM MODULATOR PIPE & OIL FILLER TUBE
C 4.	INSTRUMENT CLUSTER & BEZEL

SHEET	TITLE
D 5.	CONTROL LEVER & NEUTRAL SAFETY SWITCH
E 6.	CONTROL CABLE ROUTING
7.	
F 8.	ACCEL. ADJUSTMENT & BRAKE PEDAL



① The following parts are installed same as regular production.

- ① 3851869 ENGINE ASM-Exc. R. P. O. L62 or L63
- 3851871 R. P. O. L62
- ⑤ 3856744 R. P. O. L63
- ⑥ ② 7025024 CARBURETOR ASM-R. P. O. L62 or L63
- 1108307 MOTOR ASM-STARTER ⑦
- 2988030 HARNESS ASM-BODY
- ③ 1110311 DISTRIBUTION ASM-EXC R. P. O. L62
- ⑧ 3872067 BODY ASM-CONVERSION



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CX
AUTO TRANS. - CONTENTS				M35	6-26-64	1	"R.P.O. L63" REMOVED		RM	
10100-500						2	3856744 ENG. RMVD.			
DWG PREL 2-26				1.		3	1110311 DISTR. ADDED			
DATE REL 5-18						4	DWG. REVISED	65107		DF
RFM	REF: Prel. 8	L-73627	L-75895		7-31-64	5	3856744 ENGINE ADDED	65700	RM	
	L-	L-	L-		6	7025024 CARB. ADDED	65073		DF	
					8-17-64	7	"L63" ADDED	65700	RM	DF
				<input checked="" type="checkbox"/> SHEET	9-3-64	8	3872067 BODY ADDED	66119	RM	DF



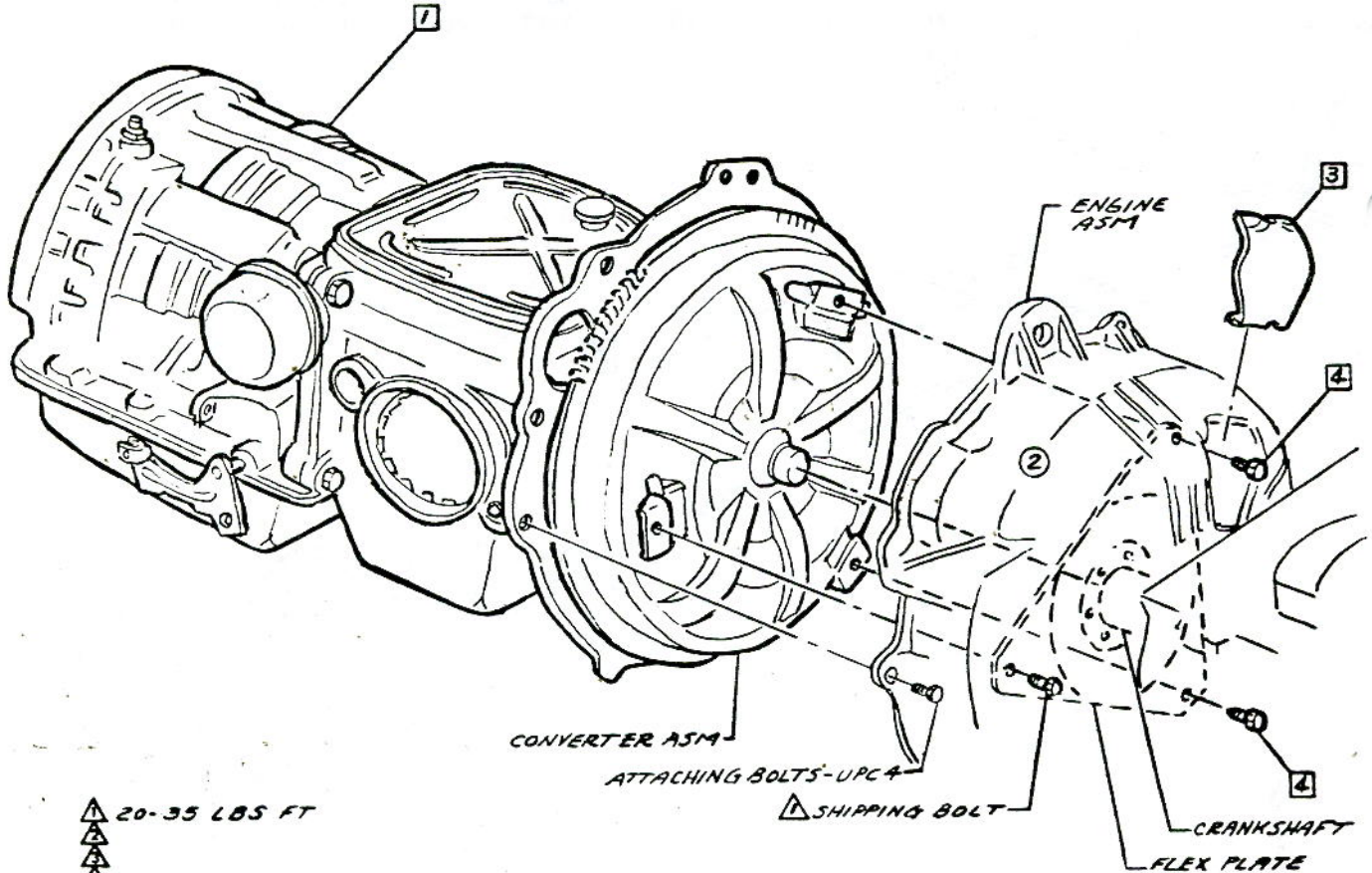
- 1 3855724 TRANS ASM, EXC R, P.O. L62 & L 63
- 3855725 -R, P.O. L62
- 3870365 -R, P.O. L63

- 2 6255601 COVER

- 4 3799830 BOLT

Suggested Installation Procedure

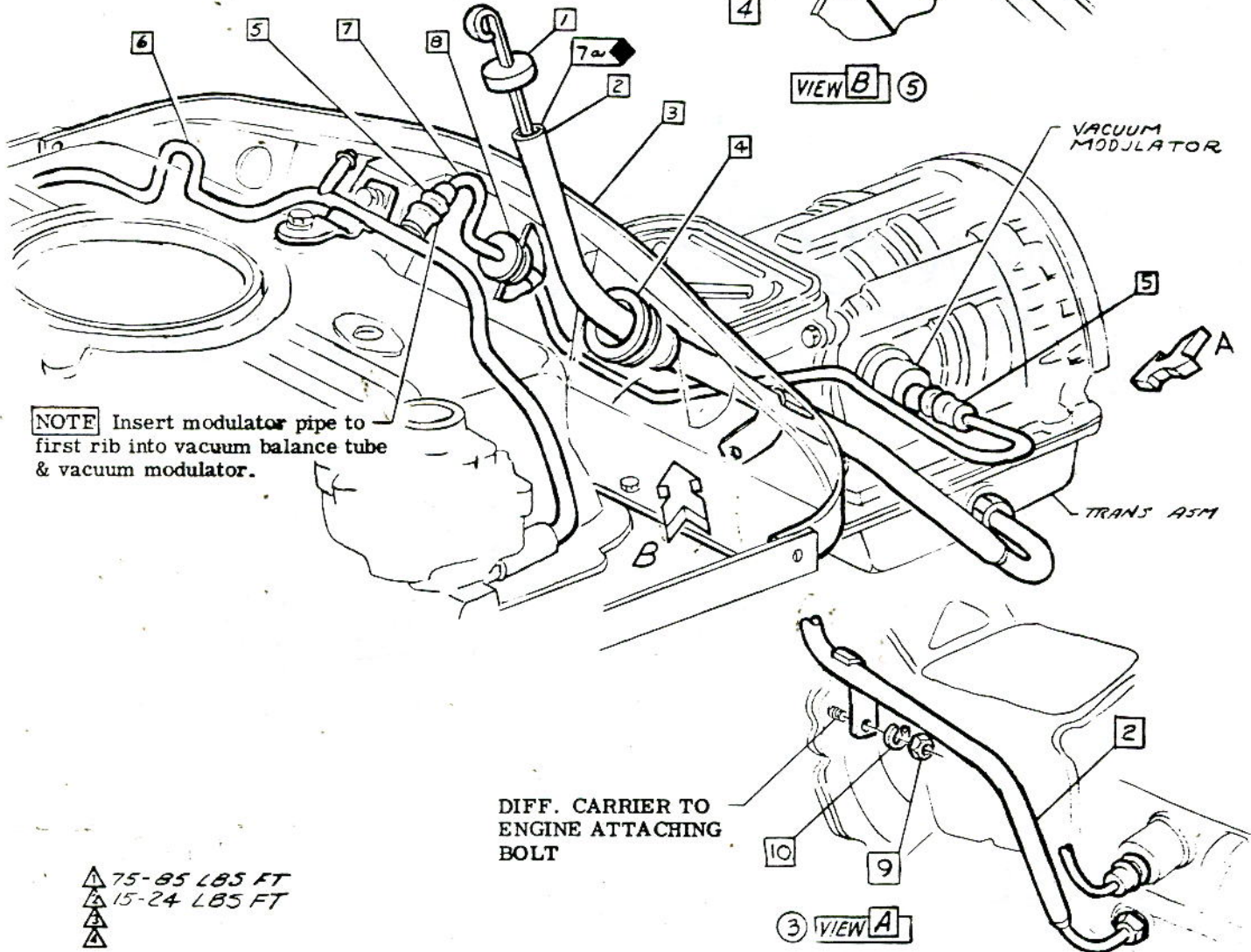
1. Remove converter safety clamps. **CAUTION** Make sure that converter has not slipped forward.
2. Seat converter nose into crankshaft. Pilot differential case into engine bell housing & assembly left top bolt.
3. Drive (3) engine flex plate to converter bolts. **CAUTION** Hand start all converter bolts prior to torquing.
4. Assemble remaining differential case to engine bell housing bolts.



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYN	REVISION RECORD	AUTH	DR	CK
AUTO TRANS. - TO ENGINE				M35	ENTR 7	3751692	VENT ASM	13297	DH	
10100-500							REMOVED & DWG REVISED			CI
DWG PREL. 2-6	RFM	REF: Prel. 1	L- 50571 L-							
DATE REL 2-6		L-	L- L-							
				<input checked="" type="checkbox"/> SHEET						

- 1 3861994 GAGE ASM
- 2 3861996 TUBE ASM
- 3 3856684 SHIELD ASM-FRONT
- 4 3861999 BOOT
- 5 3785770 HOSE
- 6 3867224 TUBE ASM-EXC. UPC L63
- 7 3856719 UPC L63

- 7 3815339 PIPE-MODULATOR
- 8 3786178 GROMMET
- 9 102635 NUT
- 10 138489 L. WASHER



NOTE Insert modulator pipe to first rib into vacuum balance tube & vacuum modulator.

▲ 75-85 LBS FT
▲ 15-24 LBS FT
▲

DIFF. CARRIER TO ENGINE ATTACHING BOLT

3 VIEW A

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AUTO TRANS. - VACUUM MODULATOR PIPE & OIL FILLER TUBE		M35	7-31-64	1	3867224 WAS 3851898	62500	RM	
10100-500				2	ITEMS 9, 10 & TORQUE ADDED	63895		
DWG PREL 2-17 RFM REF: Prel. 2 L-70052 L-73563				3	VIEW A REVISED			
DATE REL 5-18 L-73370 L-				4	3856719 TUBE ADDED	65700	UF	
				5	VIEW B ADDED		BR	CI
		<input checked="" type="checkbox"/> SHEET						



3862100

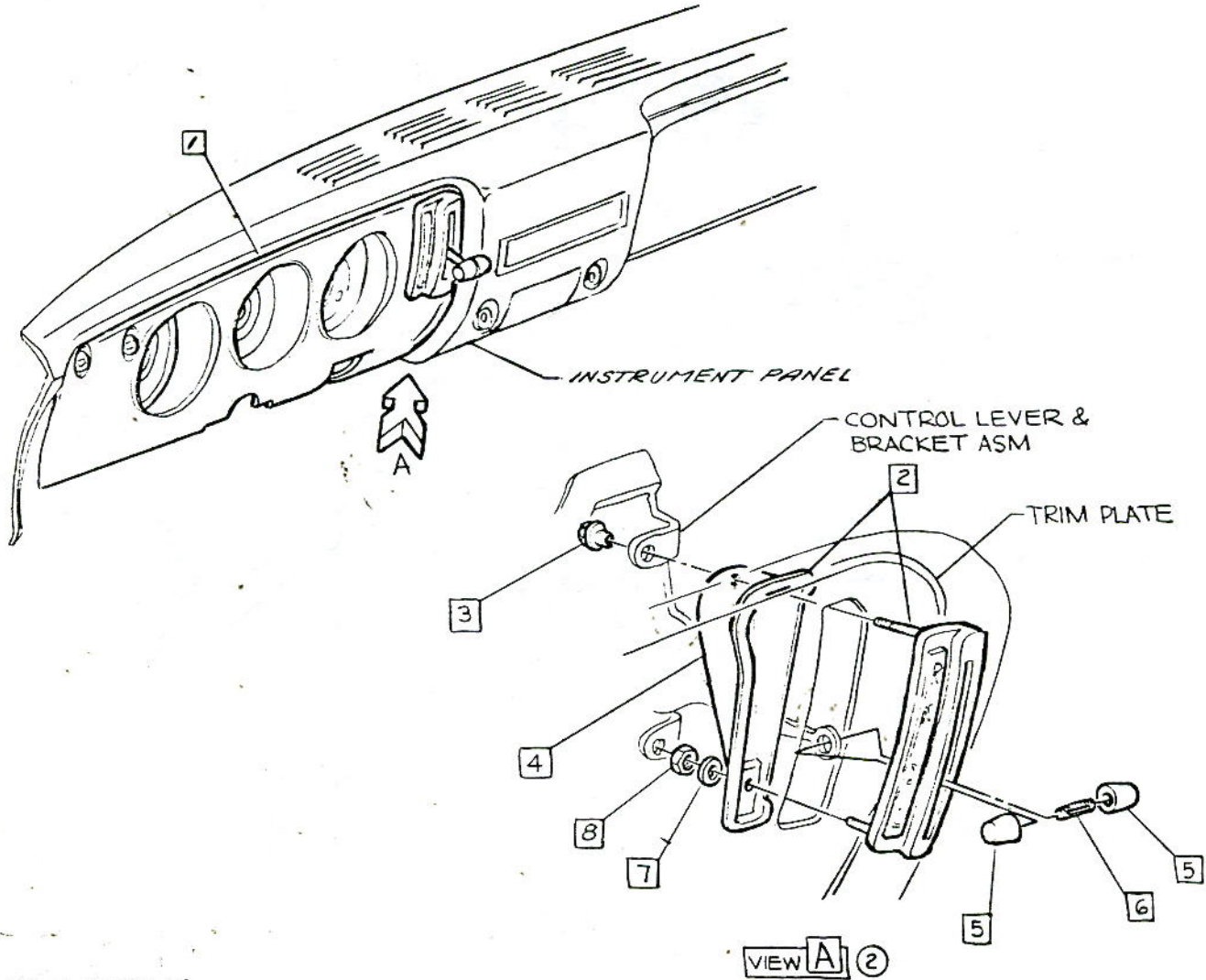
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 6455116 INST CLUSTER ASM 10100
6455112 10500
- 2 3858938 BEZEL-ASM
- 3 3862909 NUT
- 4 3858939 HOUSING-BEZEL LAMP

- 5 3861074 KNOB
- 6 3883685 STUD
- 7 3857912 P. WASHER
- 8 120622 NUT

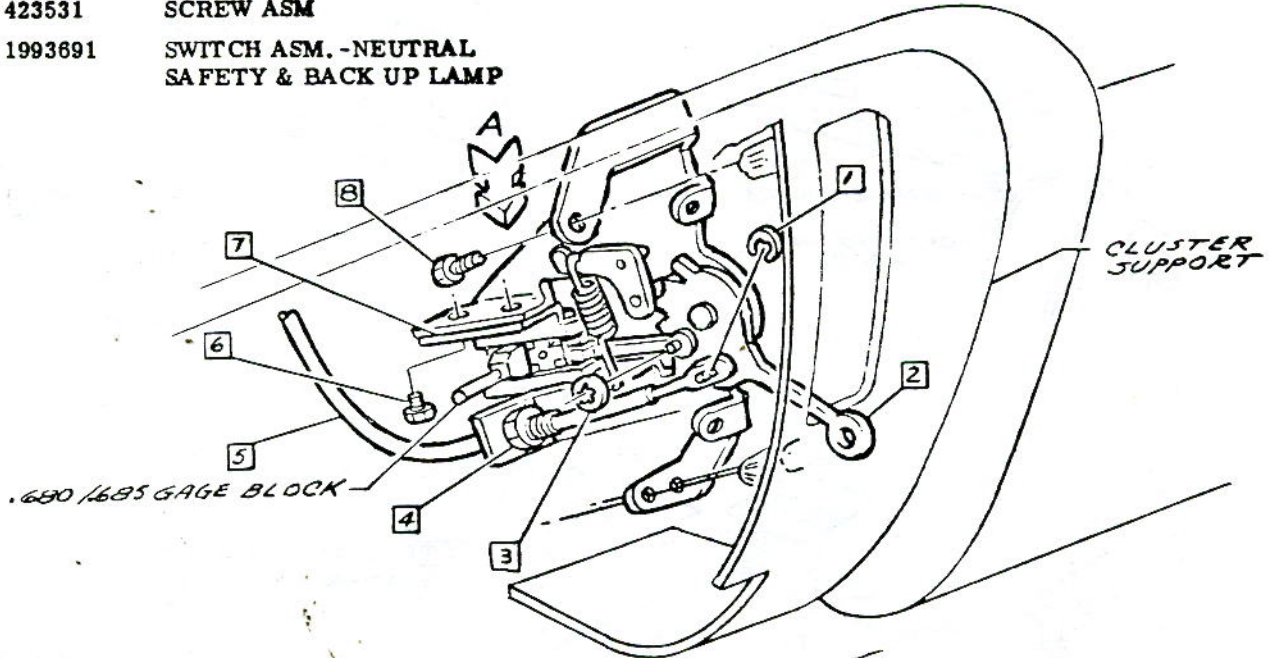


- ④ ▲ 15-22 LBS. IN.
- ▲ 5-10 LBS. IN.
- ▲
- ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
AUTO. TRANS-INSTRUMENT CLUSTER & BEZEL ASM.								
10100-500								
DWG PREL. 2-19	ZFM	REF: Prel. 3	L-73761	L-73627				
DATE REL 4-23		L-	L-	L-				
			M35					
			4.					
			<input checked="" type="checkbox"/> SHEET 1					
					27-4	1	TORQUE 2 ADDED	64798 RM
					3-31-65	2	VIEW B REMOVED	69943 CA
						3	WAS 3861075 STUD & DWG REVISED	
						4	TORQUE (2) WAS 15-20 LBS. IN.	CI

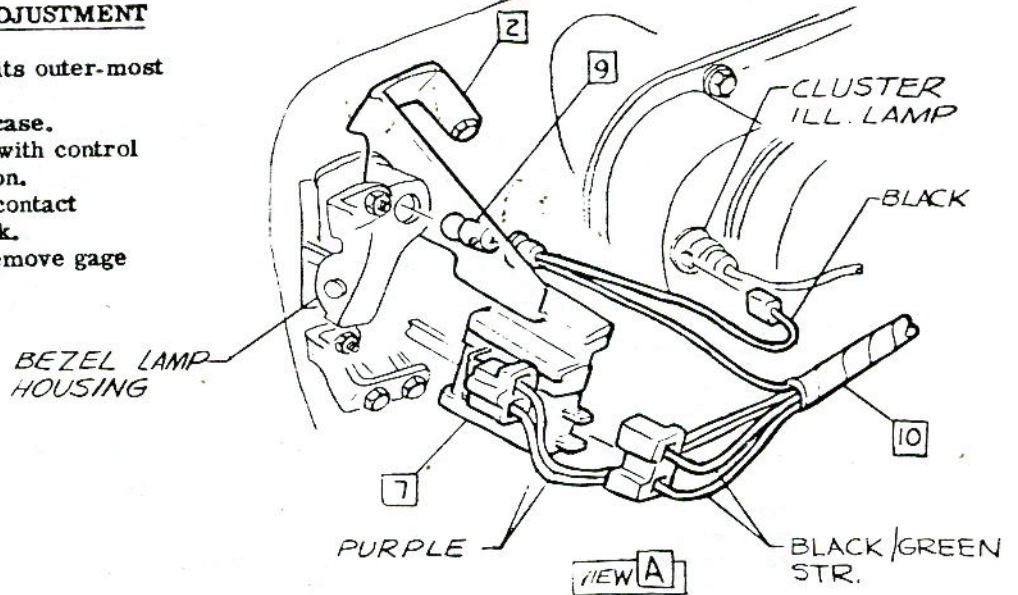
- 1 9414805 RING
- 2 7028980 LEVER & BRACKET ASM.
- 3 9413325 RING
- ① 4 9420169 NUT
- 5 3861045 CABLE ASM.
- ② 6 423531 SCREW ASM
- 7 1993691 SWITCH ASM. -NEUTRAL SAFETY & BACK UP LAMP

- ① ③ 8 9420686 SCREW
- 9 274004 BULB
- ② ④ 10 2989242 HARNESS ASM. -INST PANEL



NEUTRAL SAFETY SWITCH ADJUSTMENT

1. Extend plunger in switch to its outer-most position.
2. Insert gage block in switch case.
3. Install on mounting bracket with control lever in "NEUTRAL" position.
4. Push forward on case until contact carrier is against gage block.
5. Drive attaching screws & remove gage block.

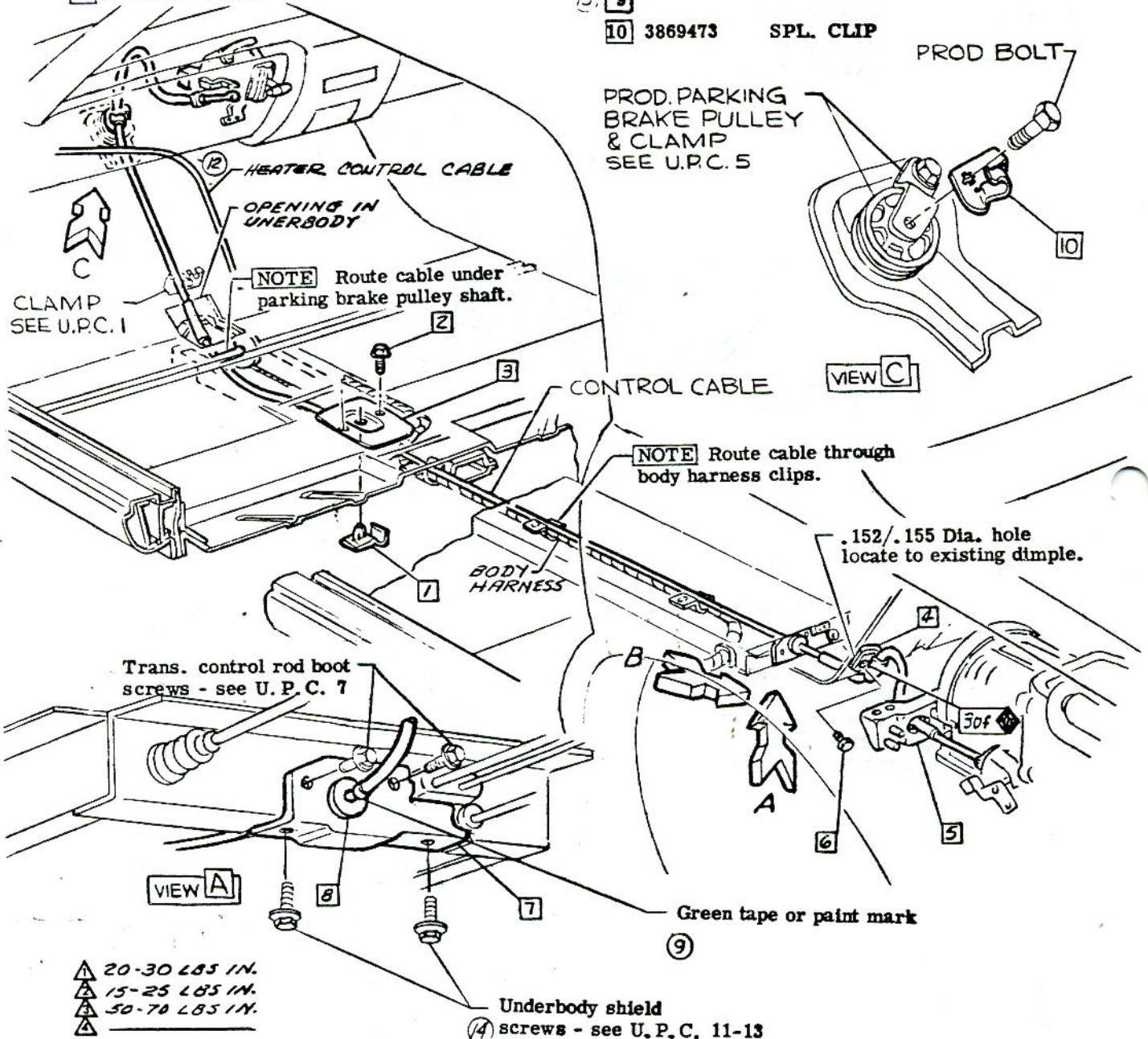


- ▲ 38-50 LBS. IN.
- ▲ 15-20 LBS. IN.
- ▲ 10-15 LBS. IN.

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AUTO. TRANS. -CONTROL LEVER & NEUTRAL SAFETY SWITCH		M35	6-25-64	1	1145 70-206 (1) 38-50	473	RM	
				2	WAS 2328024 HARN.	64607		DF
10100-500		5.						
DWG PREL-2-20	RFM	REF: Prel. 7	L-73627	L-				
DATE REL 5-1		L-	L-	L-				
		<input checked="" type="checkbox"/> SHEET						

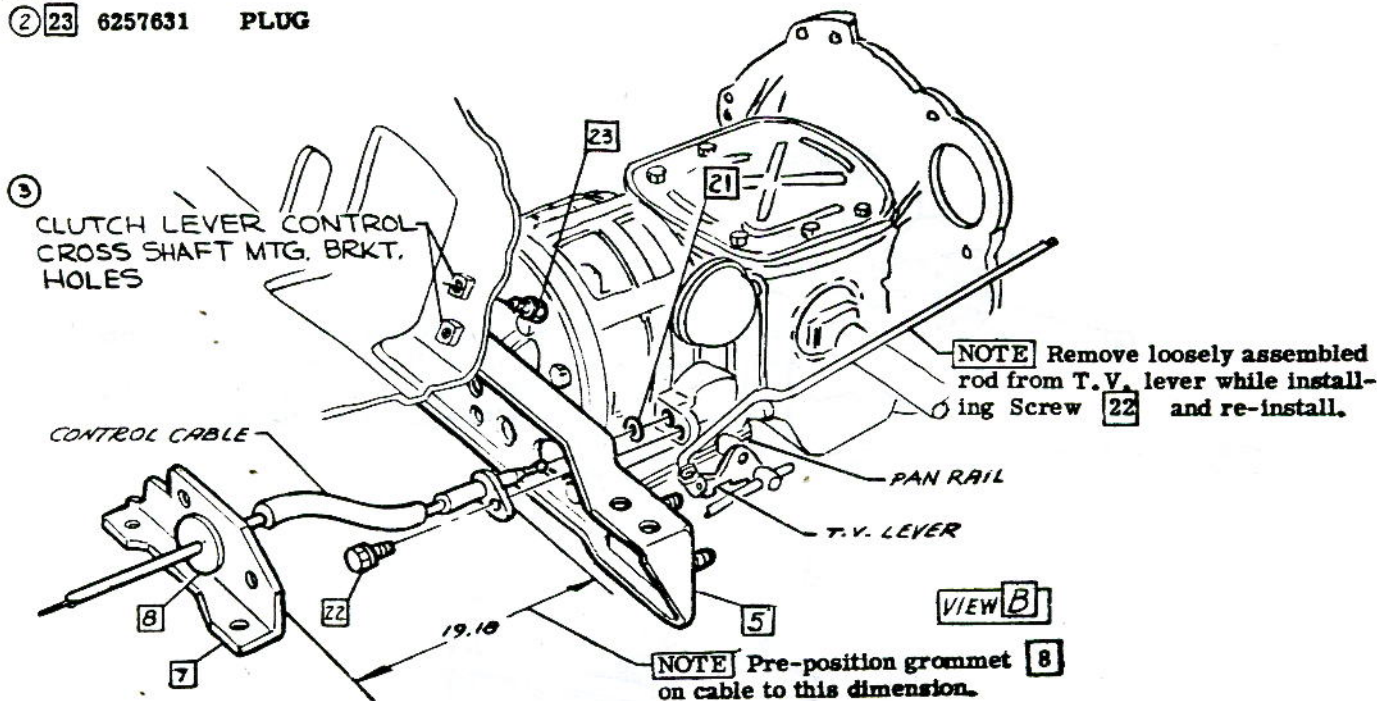
- 1 3772324 CLIP- Bend tabs over at assembly.
- ⑩ ① 2 9419699 SCREW
- 3 3869815 COVER
- 4 2295142 / CLIP

- ⑪ ⑤ 3876969 SUPPORT ASM
- ② ⑥ 9417558 SCREW
- 7 3869453 PLATE
- 8 6257492 GROMMET
- ③ ⑨
- ⑩ 3869473 SPL. CLIP



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AUTO. TRANS - CONTROL CABLE ROUTING & INSTALLATION				M35	9-29-64	9	WAS 'WHITE' TAPE	6/28/65	RM	DF
					11-4-64	0	WAS 9414711 SCREW (C-15) LBS. IN	15878	RM	DF
10100-500				REF. 7.	12-7-64	11	WAS 3868633 SUPPORT	67036	BR	CI
					2-23-65	12	HEATER CABLE ADDED	68894	JM	
DWG PREL-2-25 REF: Prel. 5 L-73627 L-75895				6.		13	9421803 SCREW 50-70 LBS IN			
					DATE REL 2-25			14	UPC NOTE ADDED	
L- L- L-				X SHEET						

- 21 6257924 SEAL "O" RING
- 4 22 9409107 SCREW ASM
- 2 23 6257631 PLUG



CONTROL CABLE INSTALLATION PROCEDURE

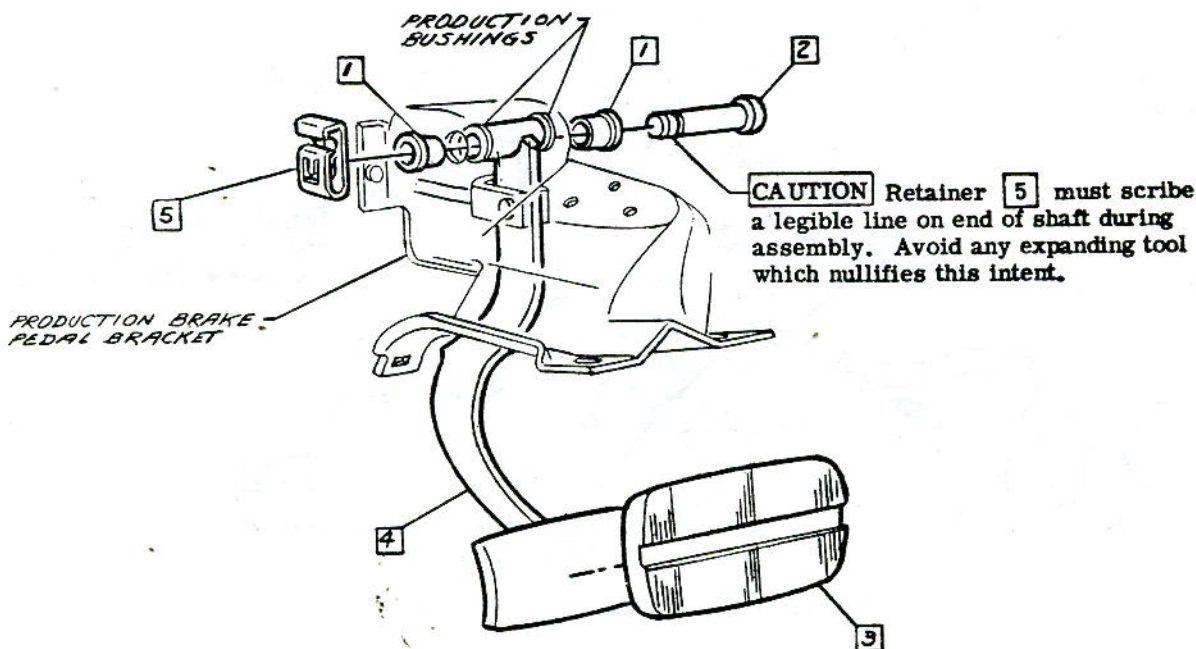
1. Assemble Shift Lever & Bracket to instrument cluster asm. & install to vehicle. (See UPC 12 for cluster installation.)
2. Pre-position Plate 7 & Grommet 8 to cable prior to installing on vehicle. (See View "B").
3. Poke front end of cable up into passenger compartment & attach to lever bracket. Secure cable with Clip 10 at dash panel and with Clip 1 at 3-speed hole Cover Plate 3. Route cable along with main body wiring harness to rear of tunnel.
4. Place Transmission Control Lever in "DRIVE"
5. Dip "O" Ring 21 into lubriplate before placing on cable and installing into transmission.
6. Rotate T.V. lever on transmission counter-clockwise until T.V. spring is bottomed. Insert control cable into transmission. Hold flange of control cable firmly in place against transmission case while torquing Screw 22. The T.V. lever will rotate clockwise until notch on lever at cross shaft rod hole will be parallel to transmission pan rail. This is a visual check to insure proper installation. To double check this, a light hand pressure should be applied to T.V. lever in a counter-clockwise direction.
7. Drive the grommet plate attaching Screws 9 & pull cable through grommet until white tape or paint mark is visible outside grommet.
8. Drive closed Clip 4 in kick-up area.

▲ _____
 ▲ _____
 ▲ _____
 ▲ 38-50 LBS. IN

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
AUTO. TRANS-CONTROL CABLE ROUTING & INSTALLATION		M35	7-27-64	1	CLIP 10 WAS CLIP 1	64597	RM	DF
			9-28-64	2	ITEM 23 ADDED	15897	RM	
10100-500		REF. 6. 7.		3	"HOLE" REF. ADDED			DF
DWG PREL-2-25	RFM	REF: Prel. 6	L-73627	L-				
DATE REL 2-25		L-	L-	L-				
		SHEET						

- 1 3798256 BUSHING
- 2 3857914 SHAFT
- 3 3745991 COVER

- 4 3857886 PEDAL ASM. -BRAKE
- 5 3848428 SPL. RETAINER



AUTOMATIC TRANSMISSION ACCELERATOR ADJUSTMENT PROCEDURE

Adjustment procedure is identical to Regular Production with two exceptions. These are outlined as follows:

1. The automatic transmission T. V. lever has an internal stop at wide open detent. Rotate T. V. lever clockwise to this stop when making accelerator adjustment.
2. Depress accelerator pedal to within 1-5/8 INCHES of toe sheet metal to compensate for the additional loading caused by the T. V. lever detent spring.



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE SYM	REVISION RECORD	AUTH. DR. CK.
AUTO. TRANS. -ACCELERATOR ADJUSTMENT & BRAKE PEDAL ASM.		M 35	7-27-66 1	WAS 1-1/2 INCHES	4798 RM DF
10100-500		8.			
DWG PREL-2-25	RFM	REF: Prel. 7	L- 71402	L-	L-
DATE REL 2-25		L-	L-	L-	L-
		<input checked="" type="checkbox"/> SHEET			

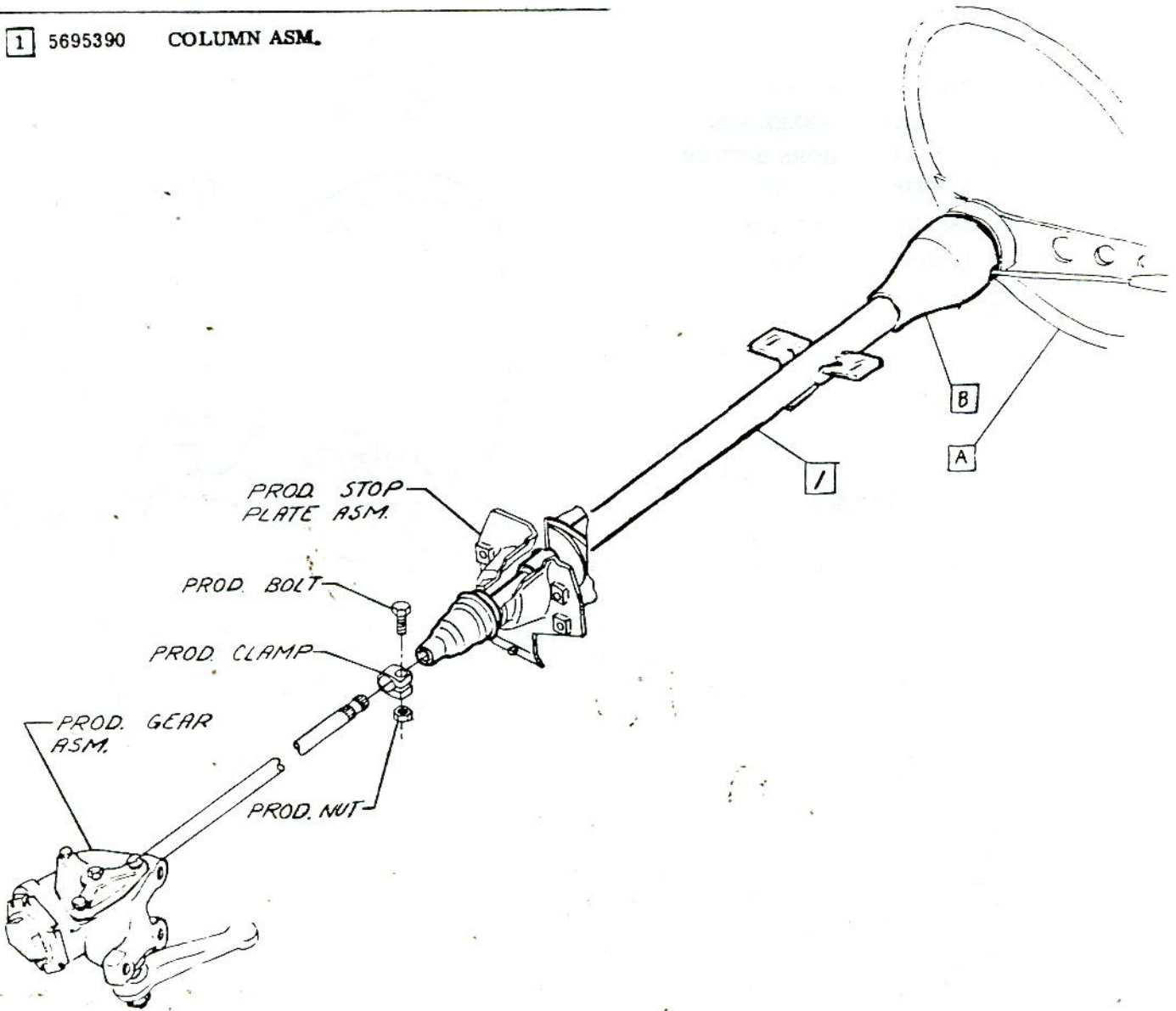
SHEET TITLE

1. CONTENTS

A 2. STEERING WHEEL & HUB

B 3. ASSEMBLY PROCEDURE-UPPER END

1 5695390 COLUMN ASM.



▲ 22-27 LBS FT
▲
▲
▲

NOTE For recommended assembly procedure see UPC 9 PHASE III

• CHEVROLET MOTOR DIVISION, Gm. Co.		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CX
CONTENTS - TELESCOPIC STEERING SHAFT EQUIP.		N36	2-23-65	3	REDRAWN & REVISED	W. T. BOUM	CI	
10000								
DWG # 3862100	REF: Prod. / L-75033 L-	1.						
DATE 3-18-64	L- L-	<input type="checkbox"/> SHEET <input checked="" type="checkbox"/>						



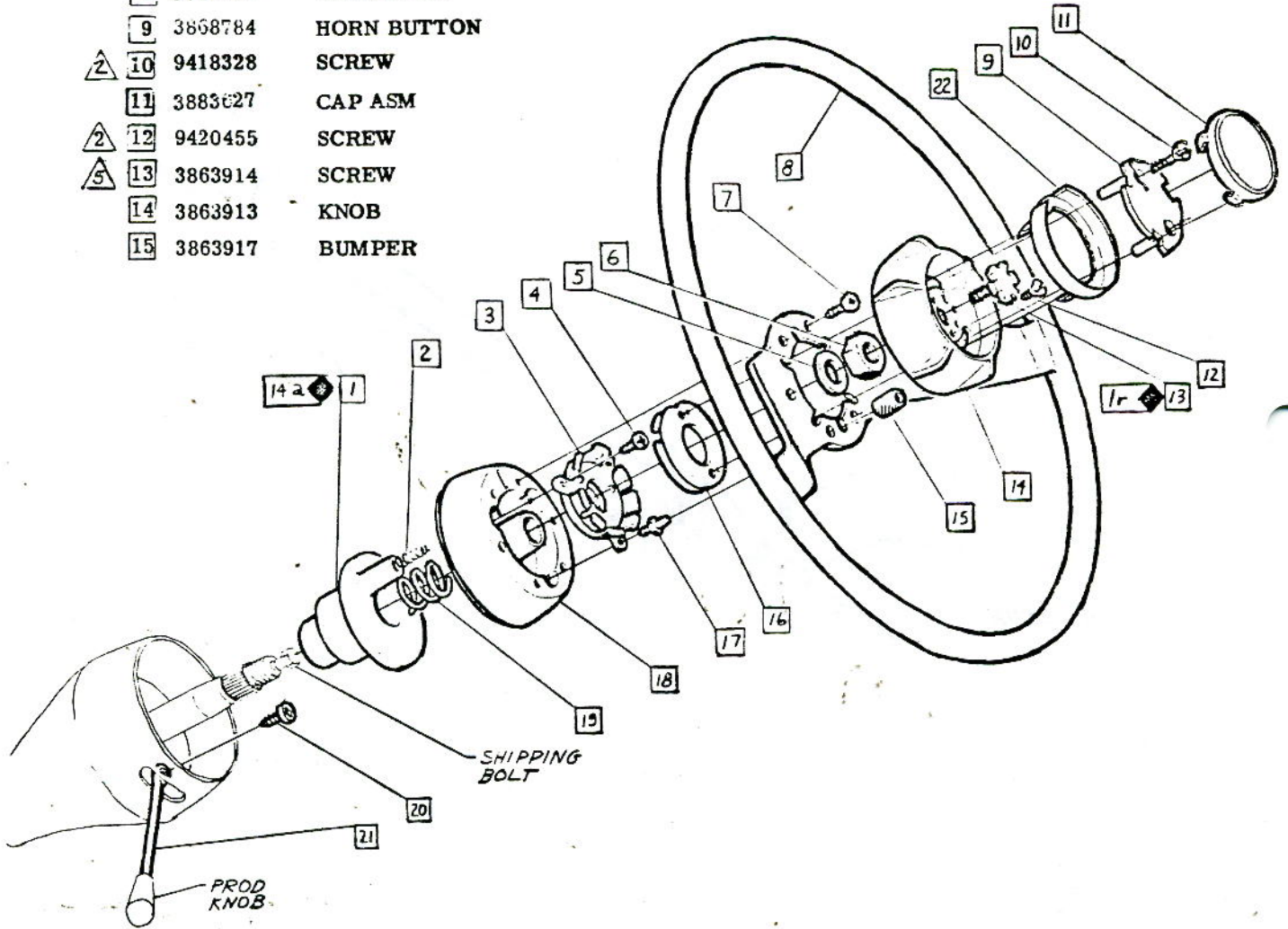
GENERAL PURPOSE

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- | | | | | | | | |
|----|---------|---------|-------------|---------|-------|---------|----------|
| 1 | 3863911 | CAM ASM | 16 | 3863909 | PLATE | | |
| 13 | 2 | 3883684 | SPRING | 3 | 17 | 3863910 | SCREW |
| | 3 | 3863904 | CONTACT ASM | | 18 | 3863902 | HUB ASM. |
| 3 | 4 | 9420146 | SCREW | | 19 | 3863915 | SPRING |
| | 5 | 3863921 | P. WASHER | 4 | 20 | 9421137 | SCREW |
| 1 | 6 | 114497 | NUT | | 21 | 3840903 | LEVER |
| 2 | 7 | 9418712 | SCREW | | 22 | 3874633 | LINER |
| | 8 | 9741032 | WHEEL ASM | | | | |
| | 9 | 3868784 | HORN BUTTON | | | | |
| 2 | 10 | 9418328 | SCREW | | | | |
| | 11 | 3883627 | CAP ASM | | | | |
| 2 | 12 | 9420455 | SCREW | | | | |
| 5 | 13 | 3863914 | SCREW | | | | |
| | 14 | 3863913 | KNOB | | | | |
| | 15 | 3863917 | BUMPER | | | | |



- 13 Δ 30-40 LBS. FT.
- Δ 20-30 LBS. IN.
- Δ 15-20 LBS. IN.
- Δ 10-20 LBS. IN.
- Δ 35-45 LBS. IN.

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
TELESCOPING STEERING SHAFT EQUIP STEERING WHEEL & HUB		N36	12-23-65	13	7-20-65 (1) 11-15-65 LBS. FT	7238	LS	
				14	WAS 3863916 SPRING	72122	KM	CI
10000		REF 3						
DWG PREL 2-N-64		REF: Prel. 2	L-75033	L-75571				
DATE REL 4-7-64			L-	L-				
		SHEET						



RECOMMENDED ASSEMBLY PROCEDURE

(UPPER END)

①

1. Asm prod direction signal control lever knob to direction signal control lever **21** . Heat knob to 100° - 130° F. before asm.
2. Asm lever to direction signal control switch. Tighten screw **20** .
3. Asm direction signal cancelling cam **1** to the steering shaft until cam contacts the direction signal switch bearing. **NOTE** Direction signal lever must be in the neutral position before assembling the cam.
4. Asm steering shaft upper bearing spring **19** to the steering shaft until contact with cam is made.
5. Asm steering wheel hub **18** to steering shaft. Line up mark on hub with mark on shaft. Line up tower on cam with hole in hub. Tighten nut & washer **5**, **6** .
6. Insert horn contact spring **2** into sleeve on cam.
7. Asm horn blowing contact **3** to hub. Line up mark on contact with mark on hub. Tighten lock knob stop pin **17** 180° opposite mark on hub. Tighten screw **4** . (2 places).
8. Asm steering-wheel **8** to hub. Line up mark on wheel with mark on hub. Tighten screw **7** (6 places).
9. Asm lock knob bumper **15** to lock knob stop pin **17** .
10. Asm horn button plate **16** into horn blowing contact **3** . Line up mark on horn button plate with mark on contact.
11. Insert lock knob adjuster screw **13** through center hole in lock knob **14** .
12. Remove shipping bolt & insert adjuster screw **13** into end of steering shaft & tighten to 35-45 inch-lbs. Turn lock knob **14** clockwise until contact is made with stop pin **17** . Line up any two cut outs in adjuster screw **13** with nearest two holes in lock knob **14** .
13. Asm lock knob **14** to lock knob adjuster screw **13** with screw **12** . (2 places).
14. Position spring **22** in lock knob. Asm horn button **9** to horn button plate **16** .
Line up pins on horn button with holes in horn button plate & spring. Line up mark on horn button with mark on horn button plate. Tighten screw **10** (2 places).
15. Asm emblem **11** to horn button **9** by pushing tangs on retainer into slots in horn button (3 places).

②



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	ALTM.	DR	CK
TELESCOPIC STEERING SHAFT EQUIP ASSEMBLY PROCEDURE-UPPER END		N36	8-12-64	1	ITEM SYMBOLS RENUMBERED TO AGREE WITH SHEET 2.	—	NS	
10000					2	STEPS 14-15 REVISED	64652	GF
REF 2								
3.								
SHEET <input checked="" type="checkbox"/>								
DWG PREL 3-17-64 WE REF: Prel. 3 L-75033 L-								
DATE REL 5-7-64 L- L- L-								



P R E P A R E D

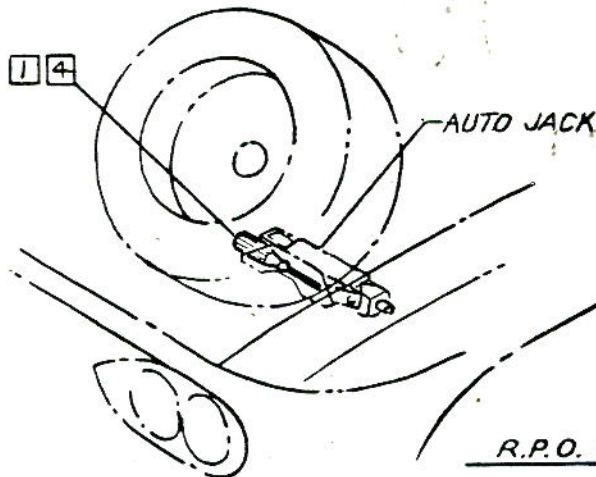
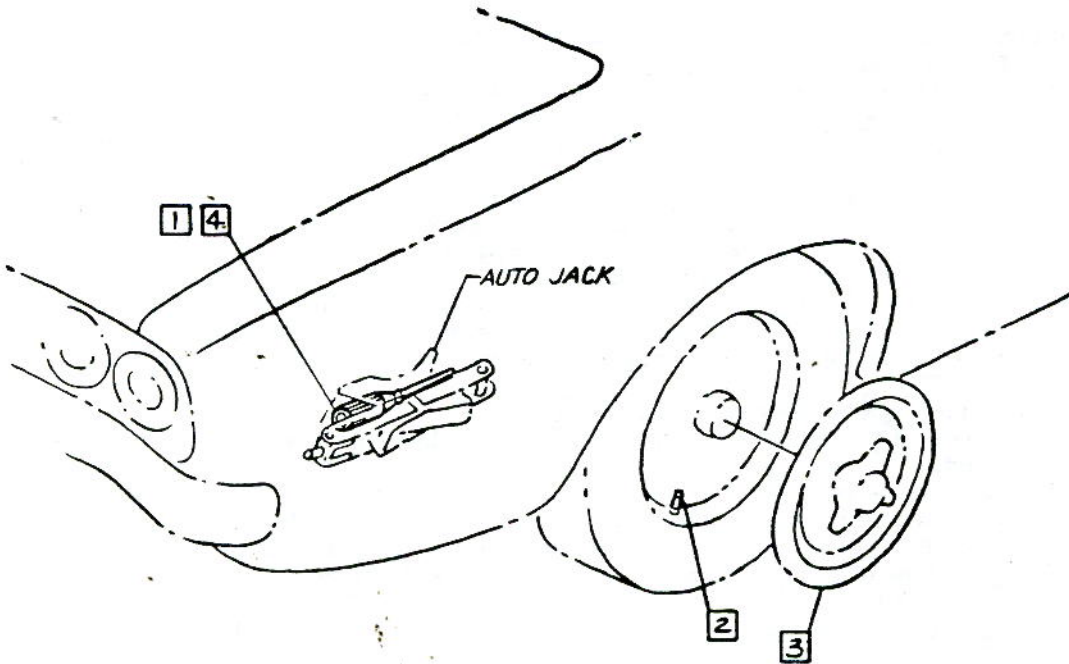
+

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIE

- 1 3798116 SCREW DRIVER
- 2 9417730 EXTENSION

- 3 COVER ASM-(See misc shipping list-UPC 14)
- 4 Insert screw driver into auto jack opening.



R.P.O. C64

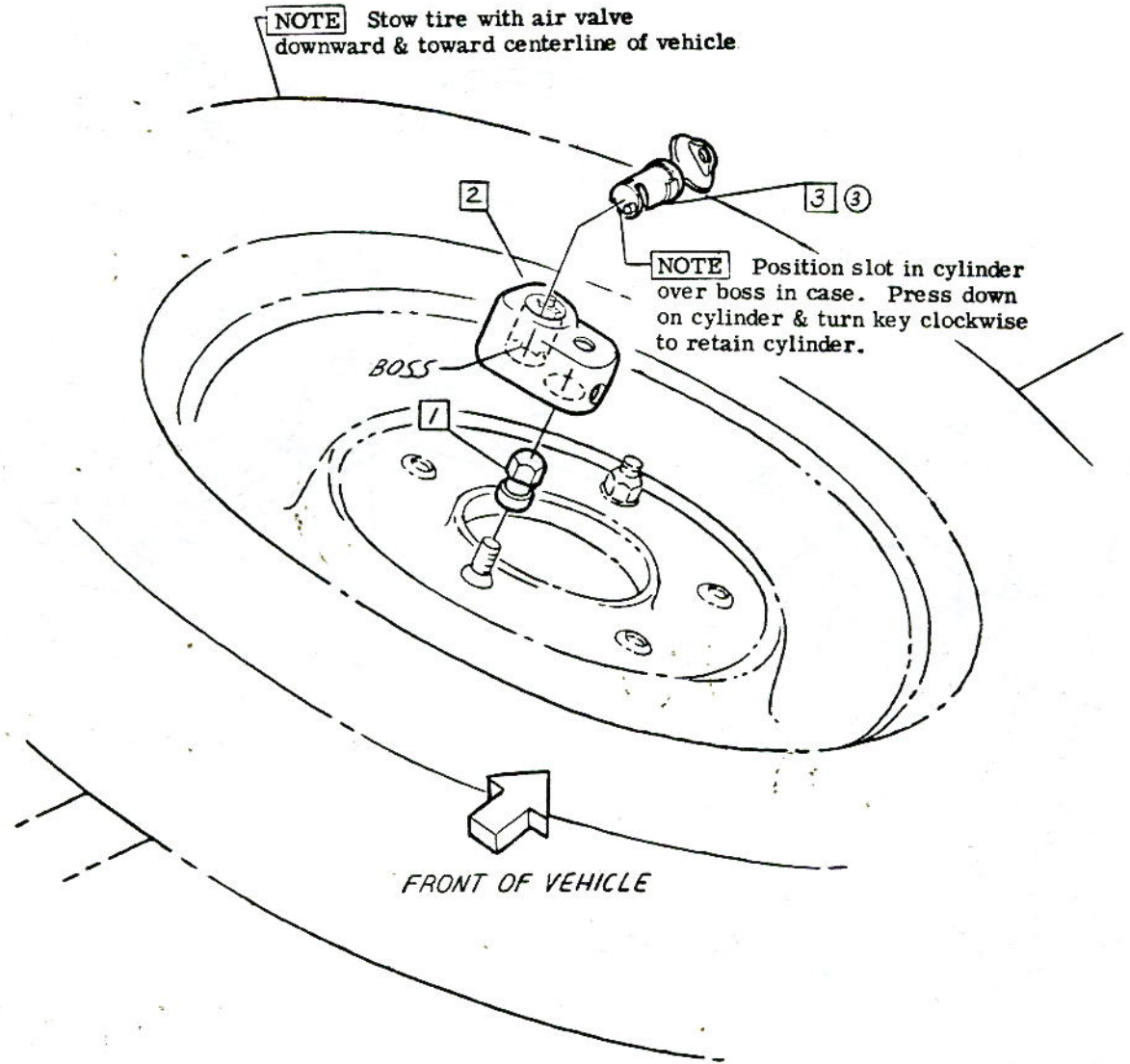


CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
WHEEL TRIM COVER EQUIPMENT		P02						
10000			1.					
DWG PREL. 2-28	EL	REF: Prel. J	L-65004	L-65030				
DATE REL. 2-28		L-7279L-	L-					
		SHEET						

⚠ 1 3854360 NUT-SPECIAL

2 3794104 CASE ASM

② 3 3830927 LOCK



⚠ 75-95 LBS. IN.

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
SPARE WHEEL LOCK				P19	6-25-64	1	RE-DRAWN & REVISED	62512	KL	HS
						2	ITEM 3 ADDED	63737	AM	
10000				1.	4-23-65	3	WAS FISHER BODY PROVIDED			CI
DWG PREL. 2-13 EL REF: Prel. 1 L- 72279 L-				SHEET 1						
DATE REL. 2-13 L- L- L-										



CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

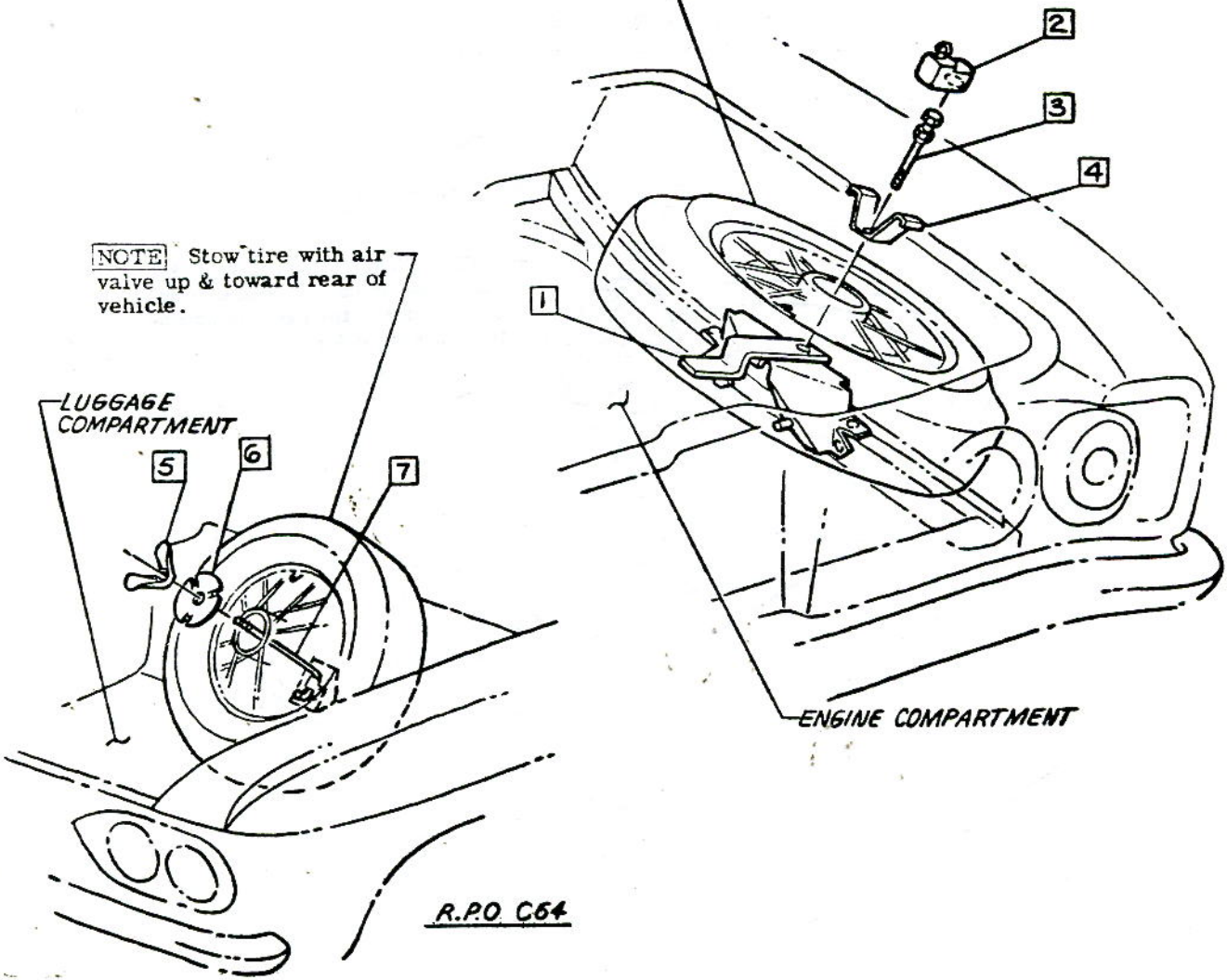
CORVAIR 10000 SERIES

- 1 357851 CARRIER ASM
- 2 3794103 LOCK & CYLINDER ASM
- 3 3857852 BOLT
- 4 3861887 STRAP
- 5 3727540 NUT ASM

- 6 3862917 SPL. WASHER
- 7 3859066 BOLT

NOTE Stow tire with air valve up & toward centerline of vehicle.

NOTE Stow tire with air valve up & toward rear of vehicle.



R.P.O. C64

75-95 LBS IN.



CHEVROLET MOTOR DIVISION, GM Corp.				U.P.C.	DATE	SYN.	REVISION RECORD	AUTH.	DR.	CK.
SPARE TIRE STOWAGE				P45						
10000				2.						
DWG PREL. 3-11	EL	REF: Prel. 2	L-65004	L-73201						
DATE REL. 5-20		L-	L-	L-						
				X SHEET						



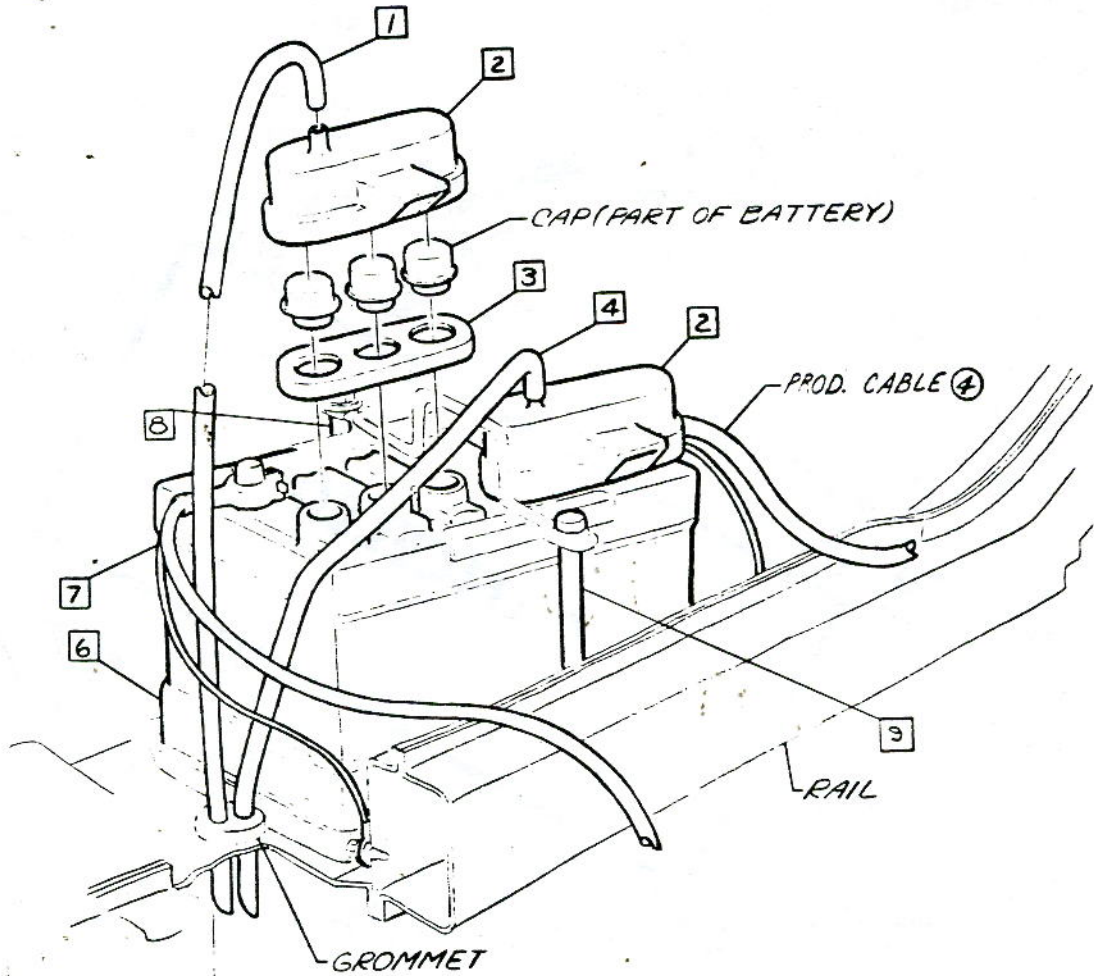
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

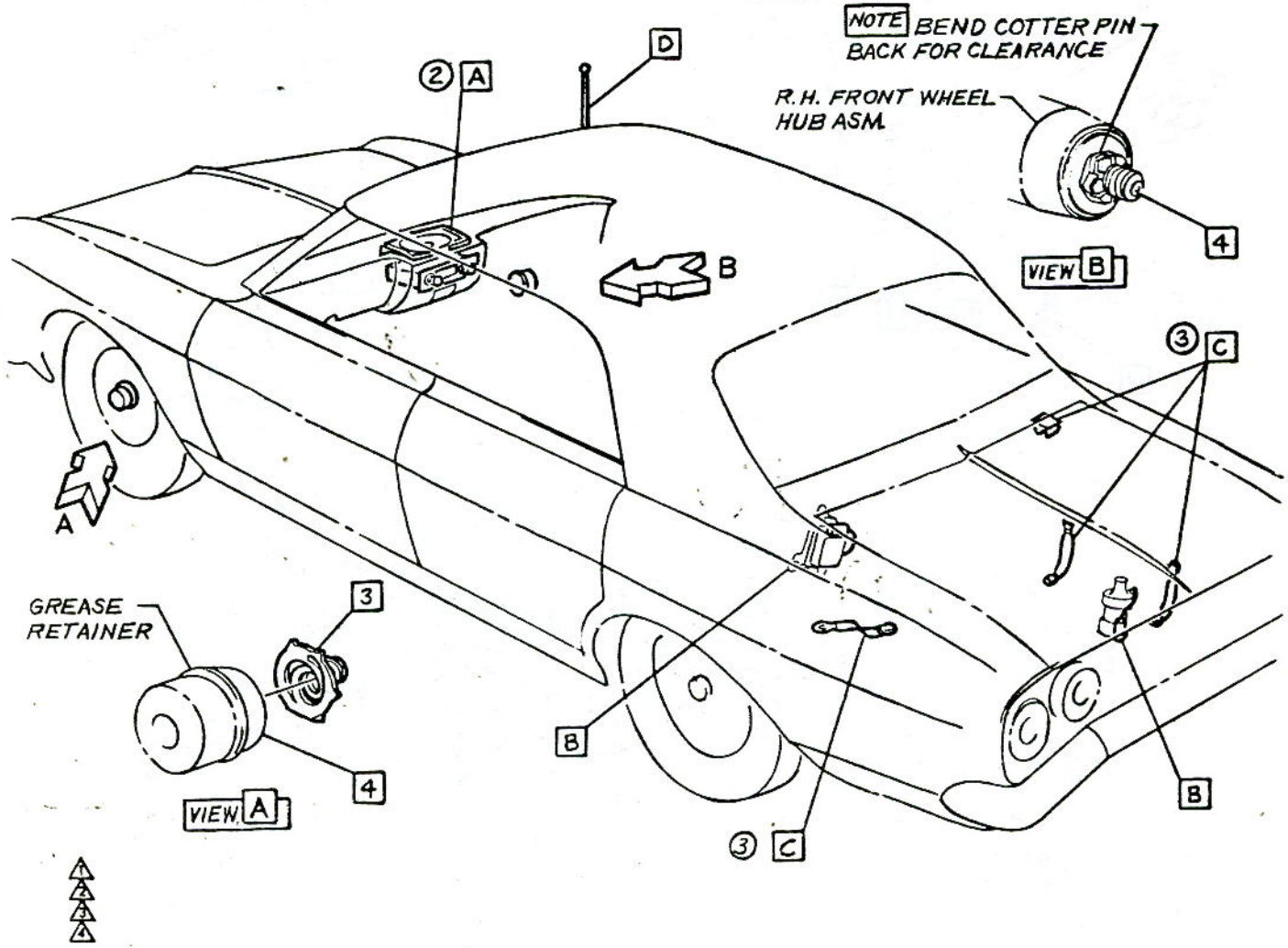
- | | | | | | |
|-----|---------|------------------------|-----|---------|----------------------|
| 1 | 3776834 | HOSE-VENT FRONT | 6 | 1980568 | BATTERY |
| 2 | 3863987 | COVER-BATTERY CAP | ② 7 | 6286146 | CABLE ASM (NEGATIVE) |
| 3 | 3863986 | BASE-BATTERY CAP COVER | ① 8 | 3848495 | BOLT |
| 4 | 3812819 | HOSE VENT REAR | ● 9 | 3714197 | BOLT |
| ③ 5 | | | | | |



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
HEAVY DUTY BATTERY				T60	7-2-64	1	ITEM 883 ADDED	64738	JLD	DF
					2-16-64	2	WAS 2987263 CABLE	66624	WD	DF
10000				1.	12-30-64	3	2387281 CABLE REMOVED	68097	BR	
						4	HAS ITEM 5			CI
DWG PREL. 3-27				NO	REF: Prel. /	L-75144	L-			
DATE REL. 3-27					L-	L-	L-			
				SHEET	1					



SHEET	TITLE	SHEET	TITLE
A1.	CONTENTS	D	B1.
A2.	RECEIVER & SPEAKER		FRONT ANTENNA
A3.			
A4.	CAPACITORS		
A5.	GROUND STRAPS & CLIP		
1	106852 FUSE - Insert in receptacle marked "radio" on fuse panel asm. Ref. UPC 12.	3	7290971 STATIC COLLECTOR ASM. L. H.
2	U69 instruction sheet & FM booklet - Ref. UPC 14 - Misc. shipping list.		7276494 R. H.
		4	Remove all grease from grease retainer & lathe hole before installing static collector.



CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
RADIO CONTENTS — U60 MANUAL, U63 PUSH BUTTON, U69 AM/FM				U60 U63-U69	7-2-64	1	WAS 9419783	62261	NM	
						2	WAS SYMBOL C	64798		
						3	WAS SYMBOL A (2 PLACES)			DP
10000				A1.						
DWG PREL 4-16-64	WM	REF: Prel. /	L-72227L-	SHEET	X					
DATE 4-16-64		L-	L-							

+



CHEVROLET

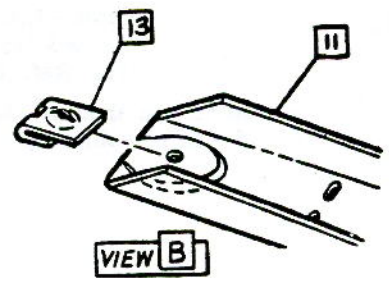
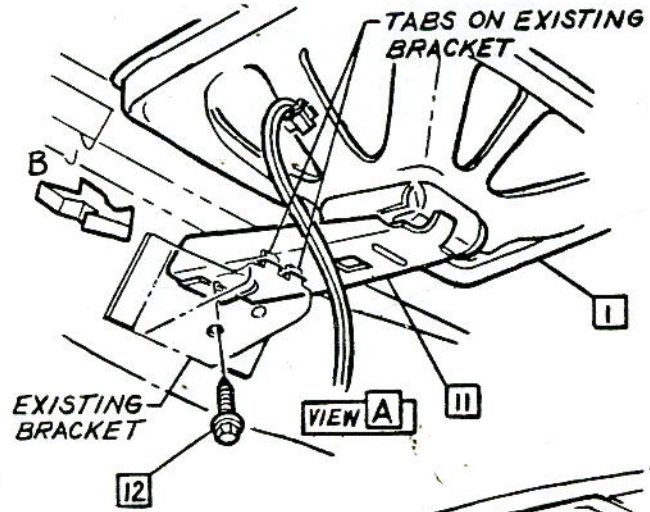
ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- ① 7289731 SPEAKER ASM
- ② 3858843 CLIP
- ③ 7279805 NUT
- ④ 3860553 CONTROL KNOB
SPACER
- ⑤ 7278015 SPACER
- ⑥ 3844066 TAG (U69 ONLY)
- ⑦ 3860189 KNOB ASM
- ⑧ 3860552 TONE CONTROL
KNOB
- ⑨ 3860550 TRIM PLATE
- ⑩ 7289311 RECEIVER
ASM- U60
7289331 U63
7290581 U69
- ⑪ 3860549 BRACKET
- ⑫ 9420878 SCREW
- ⑬ 3849974 "U" NUT

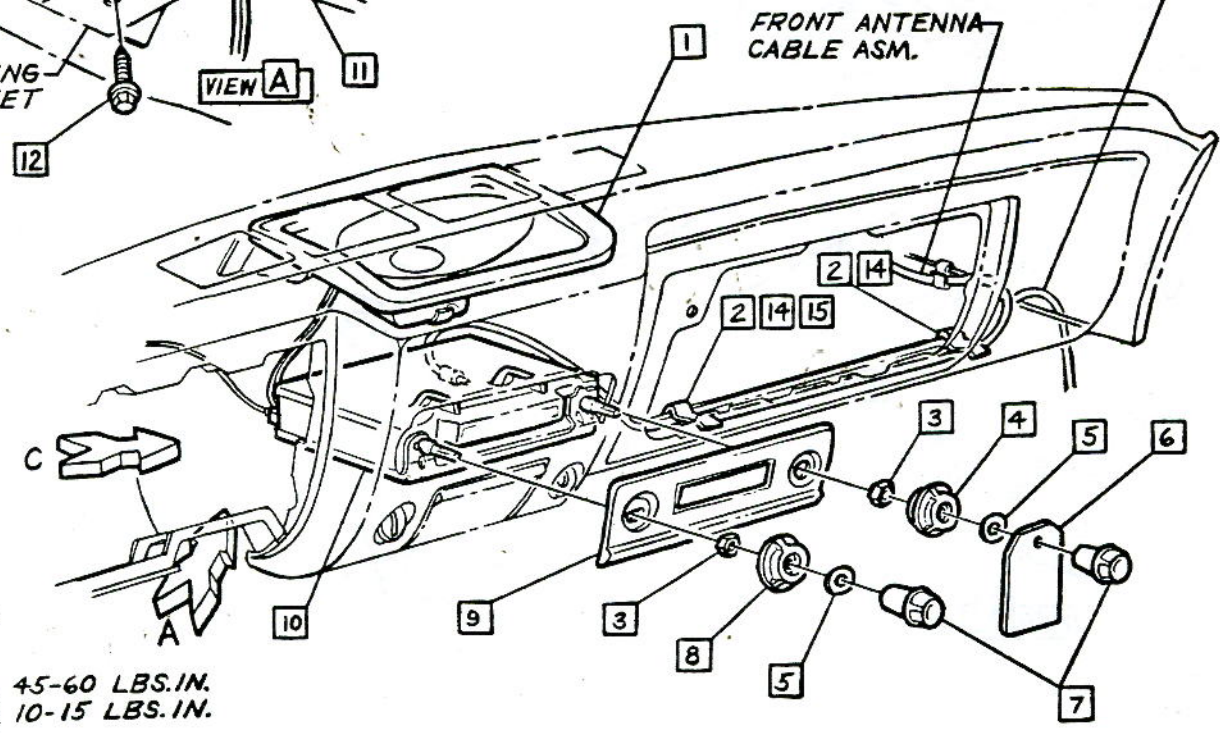
- ⑭ 2 req'd-To clip front
antenna cable to inst
panel reinf.
- ⑮ 1 req'd-This location to
clip rear antenna cable
to inst panel reinf.



UPC U73-REAR ANTENNA CABLE
ASM.(INSTALLED TO THIS
POINT BY FISHER)

FRONT ANTENNA
CABLE ASM.

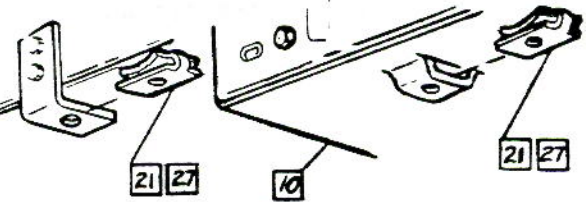
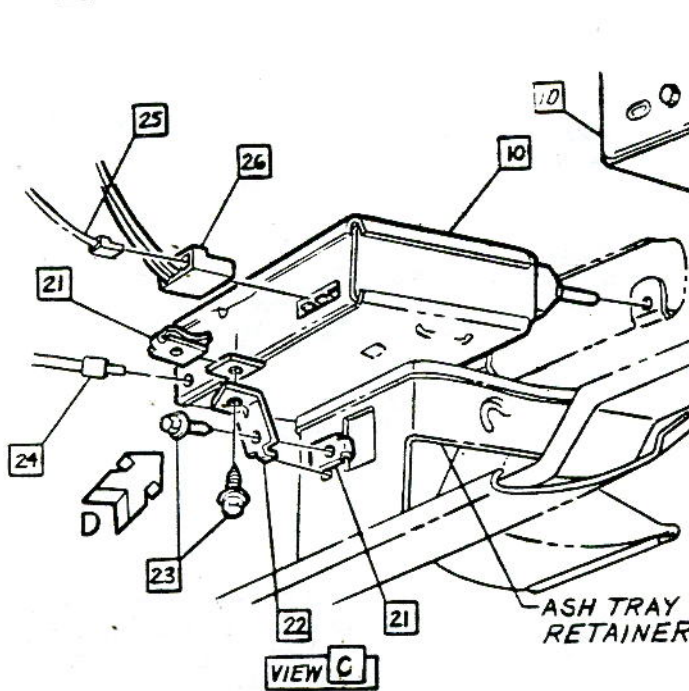
▲ 45-60 LBS.IN.
▲ 10-15 LBS.IN.
▲



* CHEVROLET MOTOR DIVISION, GMC *		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
RADIO RECEIVER & SPEAKER		U60	9-3-64	1	NAS 3860185 NUT	L5065	GB	DF
10000		U63-U69						
DWG PREL. 4-9 WM REF: Prod. A3 L-72227 L-		REF. A3.						
DATE 4-9-64		A2.						
		☒ SHEET						

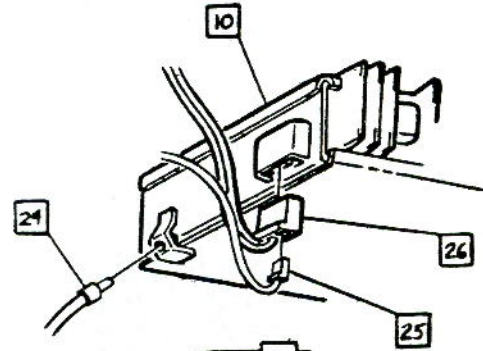
- 21 9420153 "U" NUT
- 22 3860554 BRACKET
- ① 23 9420415 SCREW
- 24 Antenna cable lead-in

- 25 Radio connector-black w/yellow stripe wire (part of harness asm)
- 26 Speaker connector
- ② 27 "U" Nut must be installed from direction shown.

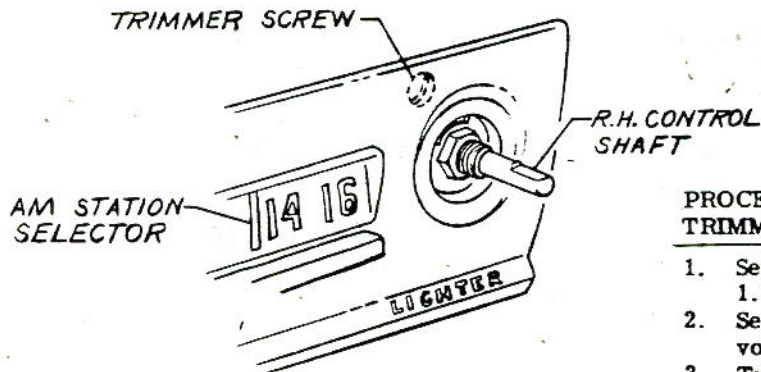


VIEW D ①
U-63 "U" NUT
TO RECEIVER

VIEW D
U-69 "U" NUT
TO RECEIVER



VIEW C
U69 WIRING &
CABLE HOOK-UP



③ 30-40 LBS. IN.

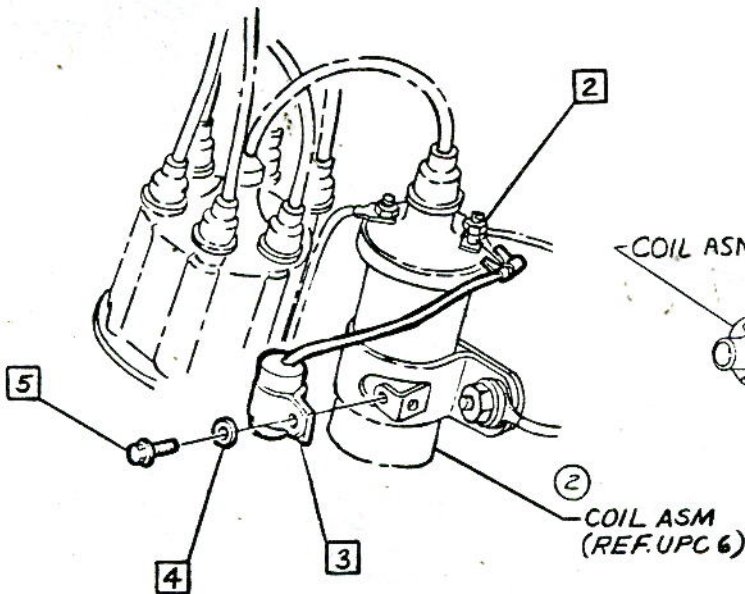
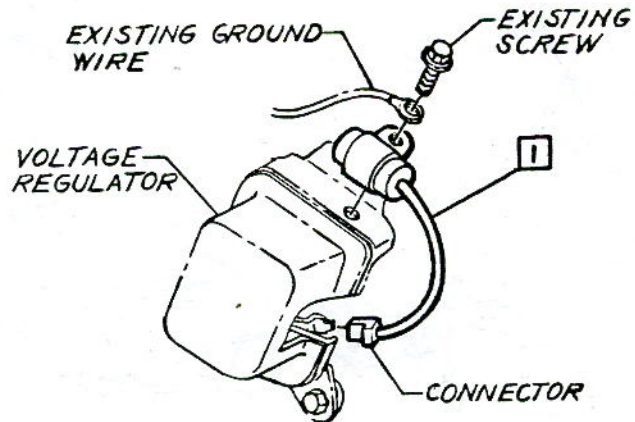
PROCEDURE FOR PEAKING THE ANTENNA TRIMMER:

1. Set antenna mast at a height of 31± 1.0 inches
2. Set volume control knob at maximum volume.
3. Tune radio to a signal at or near 1400 KC on the AM scale.
4. Adjust antenna trimmer screw (±2° screw rotation) until maximum volume is received
5. Turn receiver off.

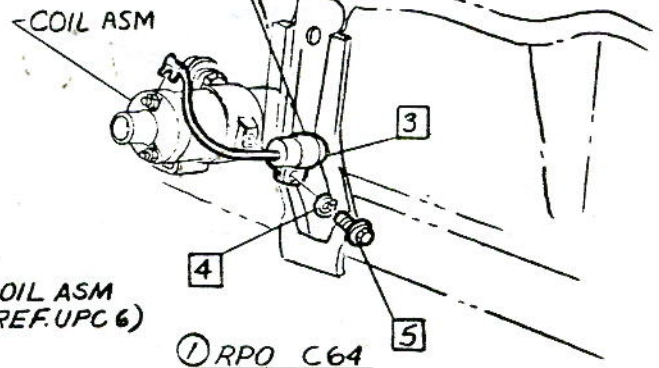
CHEVROLET MOTOR DIVISION, GMC		UPC	DATE SYM	REVISION RECORD	AUTH.	DR	CK
RADIO RECEIVER & SPEAKER		U60	8-25-64 1	VIEW D REVISED	—	SB	
10000		U63-U69	2	ITEM 27 ADDED			HR
REF. A2.		A3.					
DWG PREL 4-13 WM REF: Prel. A4 L-72227 L-		SHEET X					
DAT. 4-13-64							

- 1 1964086 CAPACITOR ASM
- 2 Nut-positive (+) post-loosen nut & allow terminals to be positioned between nut & clip.
- 3 1947452 CAPACITOR ASM
- 4 121752 L. WASHER

- 5 9412180 SCREW



NOTE Rework 3 by removing capacitor from clamp & reinserting clamp 180° from standard position.



- ▲ 25-35 LBS. IN.
- ▲ 16-22 LBS. IN.
- ▲
- ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
RADIO CAPACITORS		U60 U63-U69	3-4-65	1	CH. MOTOR DELEVINE	68894	JC	
10000				2	COIL DWG REVISED			CI
DWG/PREL 3-26-64		A4.						
REF: Prel. A2 L-72227L			☒ SHEET					



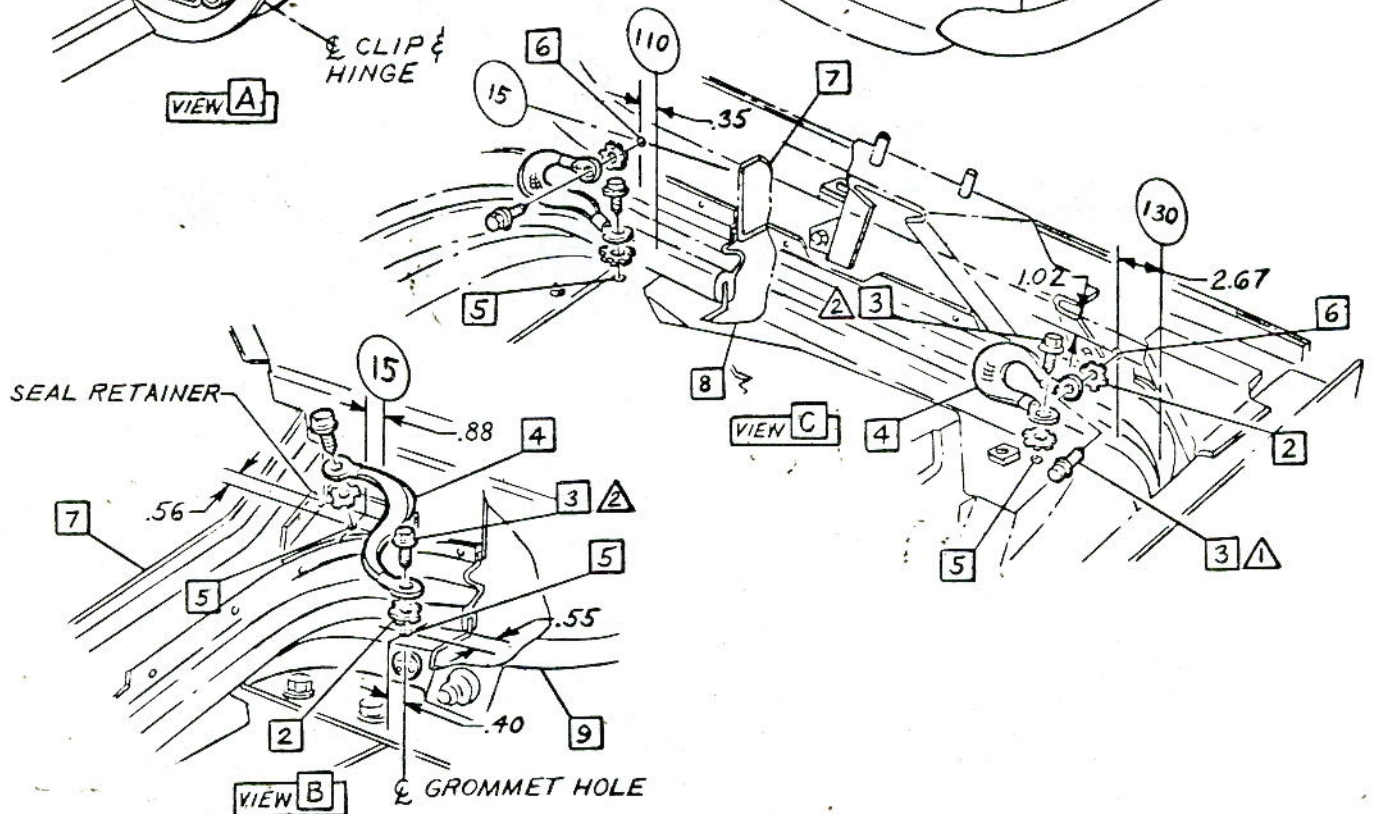
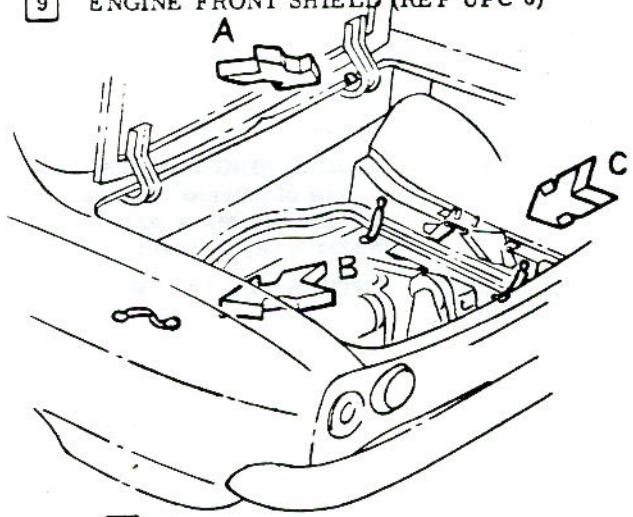
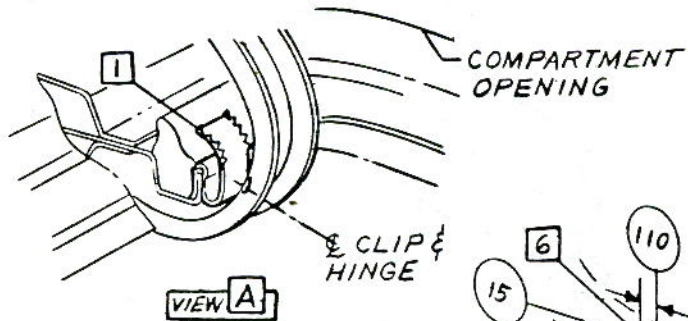
PHOTO COPY

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- ② 1 3873770 SPECIAL CLIP
- 2 121753 L. WASHER
- ③ 3 3880902 SCREW
- ① 4 2976656 STRAP ASM. -GROUND
- 5 .185/.188 DIA. HOLE THRU EXISTING DIMPLE
- 6 .204/.207 DIA. HOLE IN SIDE INNER RAIL

- 7 SIDE INNER RAIL
- 8 ENGINE SIDE SHIELD (REF UPC 6)
- 9 ENGINE FRONT SHIELD (REF UPC 8)



▲ 35-50 LBS. IN.
 ▲ 10-15 LBS. IN.
 ▲

• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
RADIO GROUND STRAPS & CLIP		U60 U63-U69	7-22-64	1	WAS 2974198 STRAP	65253	EL	MS
			10-26-64	2	WAS 3860555 CLIP & DWG. REVISED.	15889	HM	HB
10000		A5.	3-19-65	3	WAS 9426415 SCREW		JL	CI
DWG PREL 2-19-64 WM		REF: Prel. A1	L-74776 L-					
DATE 2-19-64		L-	L-					
		SHEET						



ASSEMBLY INSTRUCTIONS

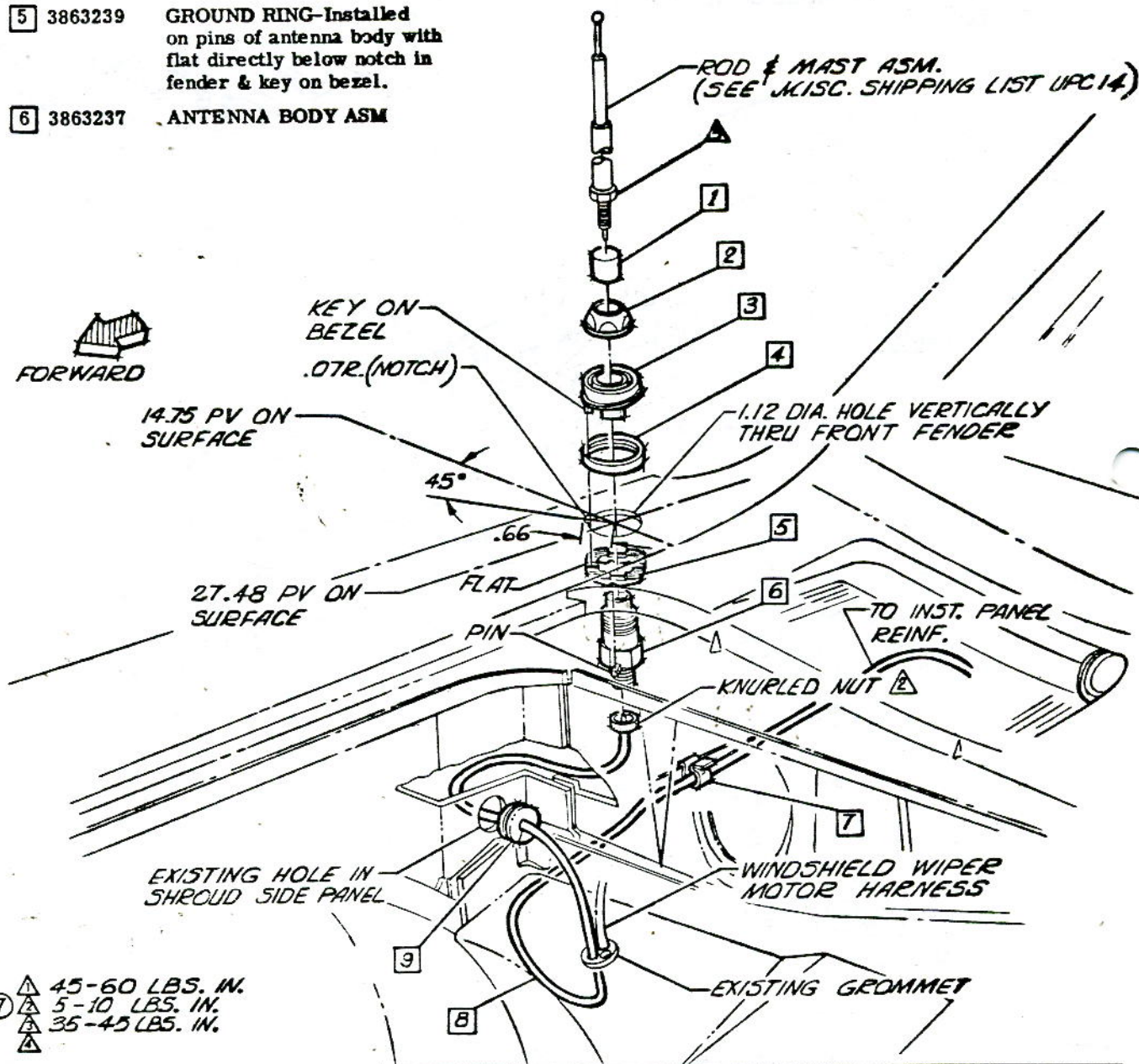
3862100

CORVAIR 10000 SERIE

- 1 3849461 CAP- For shipping purposes only. Remove before installing rod & mast asm.
- 2 3863499 CAP
- 3 3869517 BEZEL
- 4 3820672 GASKET
- 5 3863239 GROUND RING-Installed on pins of antenna body with flat directly below notch in fender & key on bezel.
- 6 3863237 ANTENNA BODY ASM

- 7 3827371 CLIP-Secure to top of kick pad.
- 8 3869518 CABLE ASM LEAD-IN
- 9 3786405 GROMMET

(11) (8)



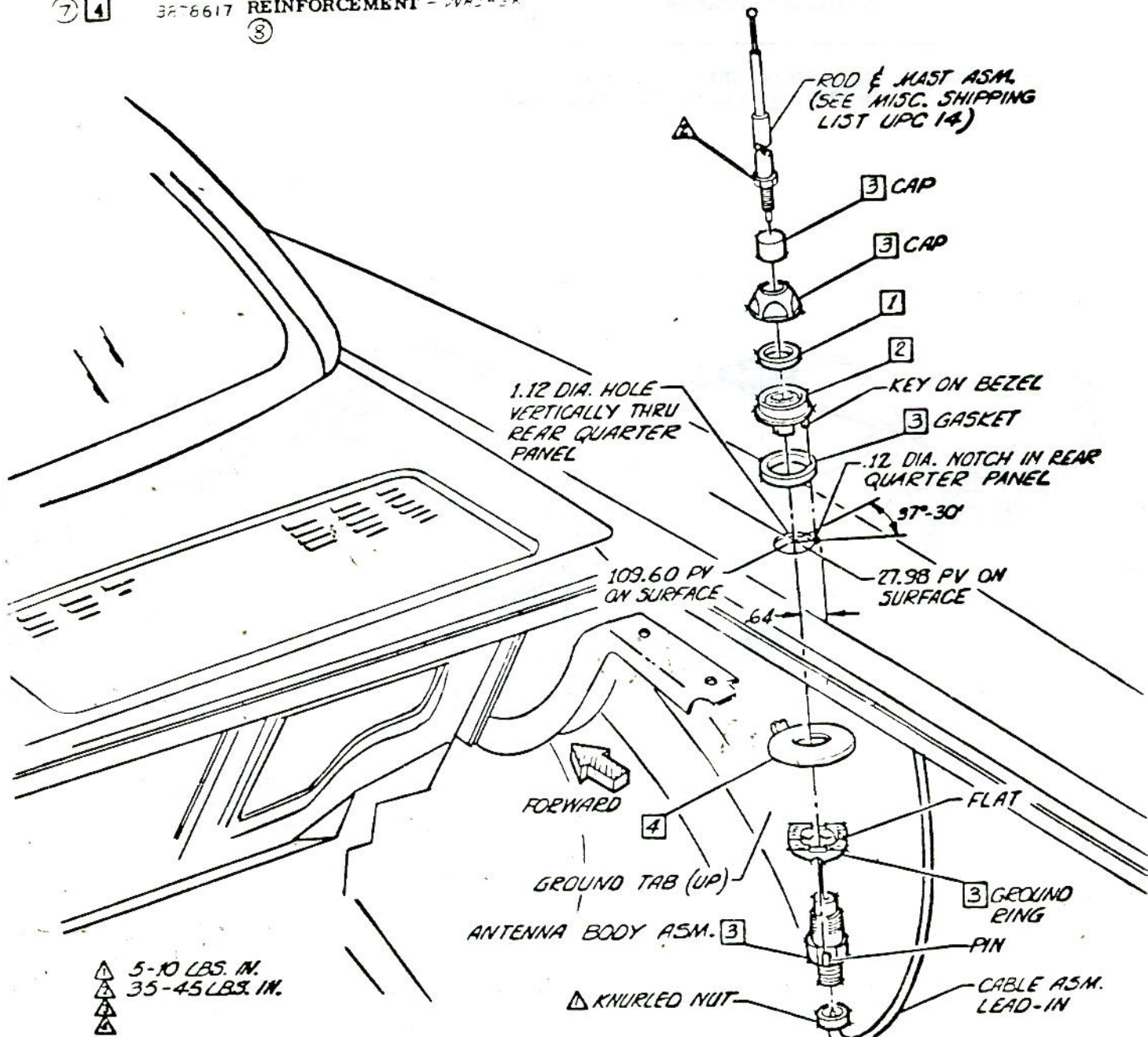
- ① 45-60 LBS. IN.
- ② 5-10 LBS. IN.
- ③ 35-45 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM.	REVISION RECORD	AUTH.	DR	CK
RADIO-FRONT ANTENNA		U60	8-14-64	7	TORQUE (2) WAS 16-20 OZ. IN.	5850 ER		
		U63-U69		8	ITEM 10 ADDED	63582 HM DF		
			10-22-64	9	TORQUE (3) ADDED	66841 HM HS		
			12-7-64	10	WAS 3863252 GASKET	67044 ER CI		
			2-11-65	11	9980607 CEMENT REMOVED	15961 MB CI		
10000		B1.						
DWG PREL. 4-6 HM. REF: Prel. B2 L-72691 L-		SHEET X						
DATE: EL. 4-6 L- L- L-								

The following parts are released by Chevrolet & installed by Fisher Body

3863641 CABLE ASM. LEAD-IN

- 1 3138635 GASKET
- 2 3863640 BEZEL
- 3 Part the same as & installed the same as U60
- ⑦ 4 3878617 REINFORCEMENT - WASHER
- ③



• CHEVROLET MOTOR DIVISION, GMC •		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR.	CR.
MANUAL ANTENNA EQUIPMENT - REAR		U73	1-2-65		DRAWING REVISED			
10000		1.			8 5EINF. NOTE REMOVED			
DWG PREP. 4:0.H.M.	REF: Prod. 1	L-73442L						
DATE REL. 4-42								
		1 SHEET						



CHEVROLET

ASSEMBLY INSTRUCTION

3862100

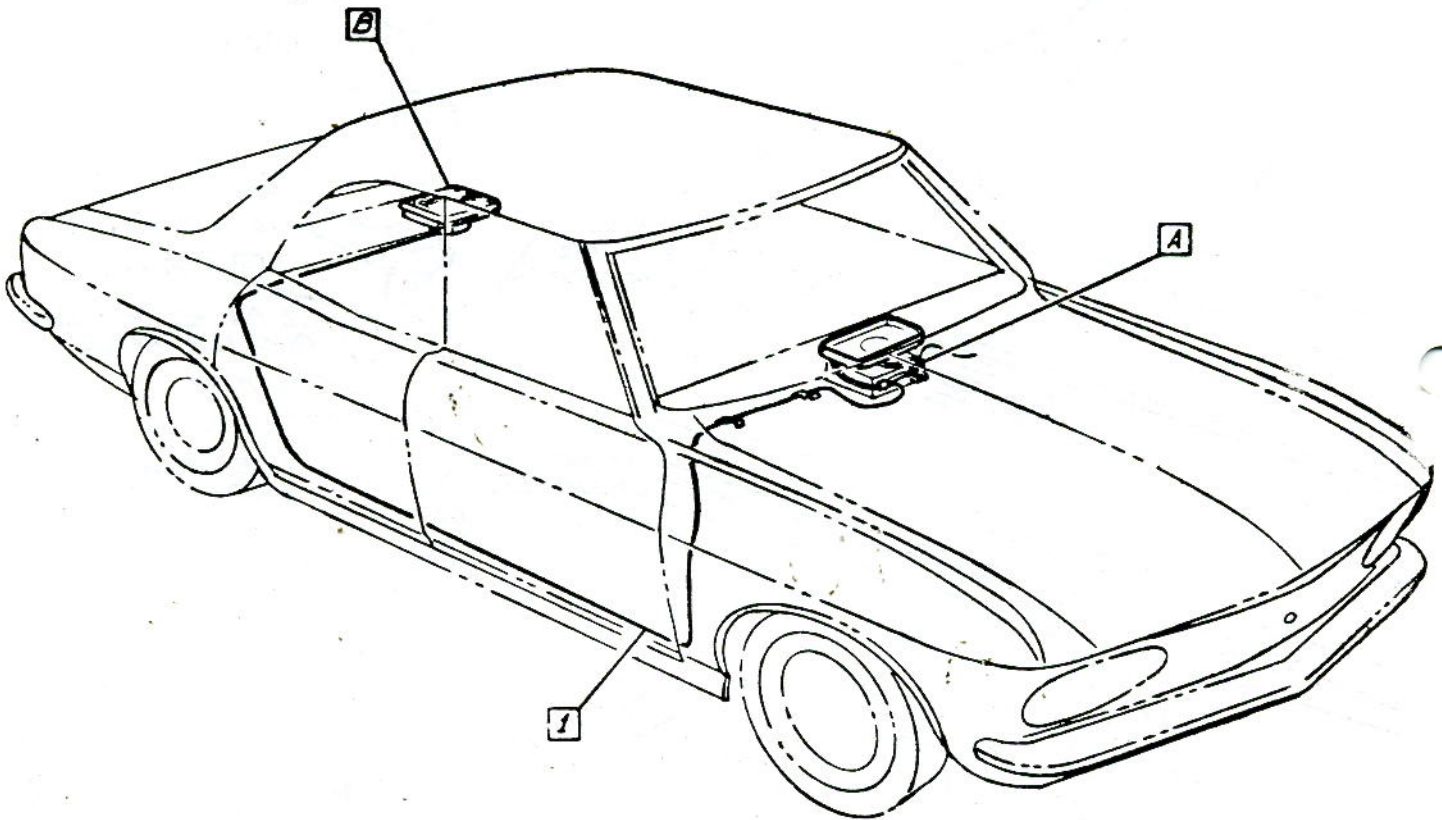
CORVAIR 10000 SER

SHEET

TITLE

- 1. CONTENTS
- A** 2. SPEAKER WIRING & CONTROLS
- B** 3. AUXILIARY SPEAKER

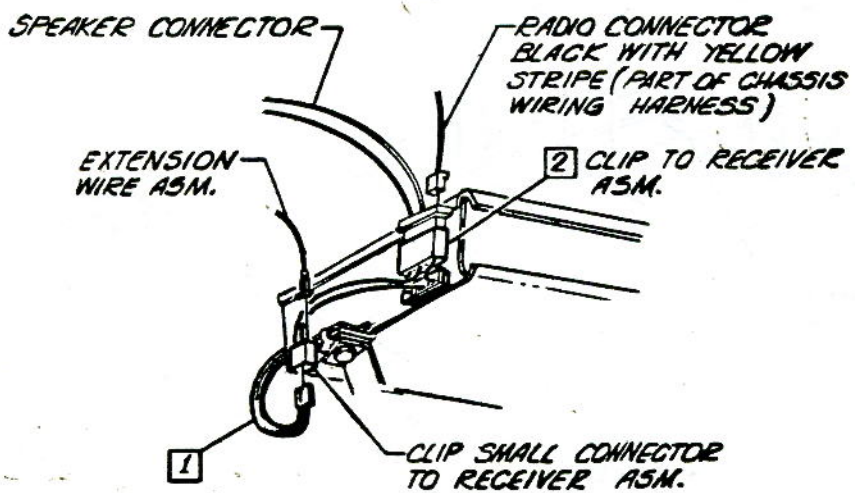
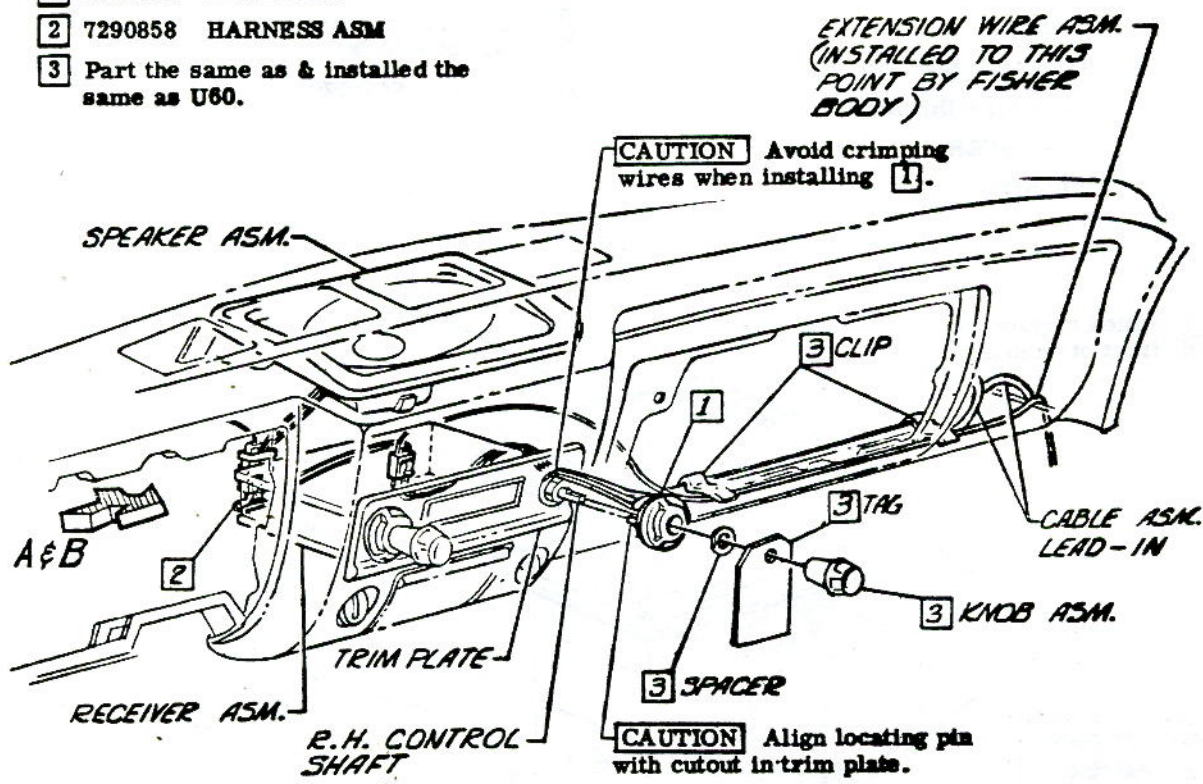
1 2988079 EXTENSION WIRE ASM-Part released by Chevrolet & installed by Fisher Body.



CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
AUXILIARY SPEAKER EQUIP. - CONTENTS		U80						
10000 (EXC. CONV.)		1.						
DWG PREP. 4-9 H.M.	REF: Prod. 1	L-73473	L-	L-	L-			
DATE REL. 4-9								
		SHEET 1						

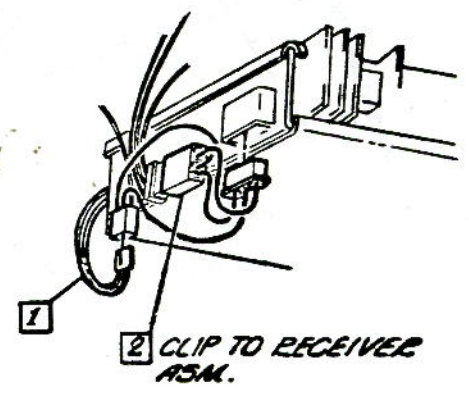


- 1 7290881 KNOB ASM
- 2 7290858 HARNESS ASM
- 3 Part the same as & installed the same as U60.



VIEW A

(U60-U63 HARNESS ASM. ROUTING)



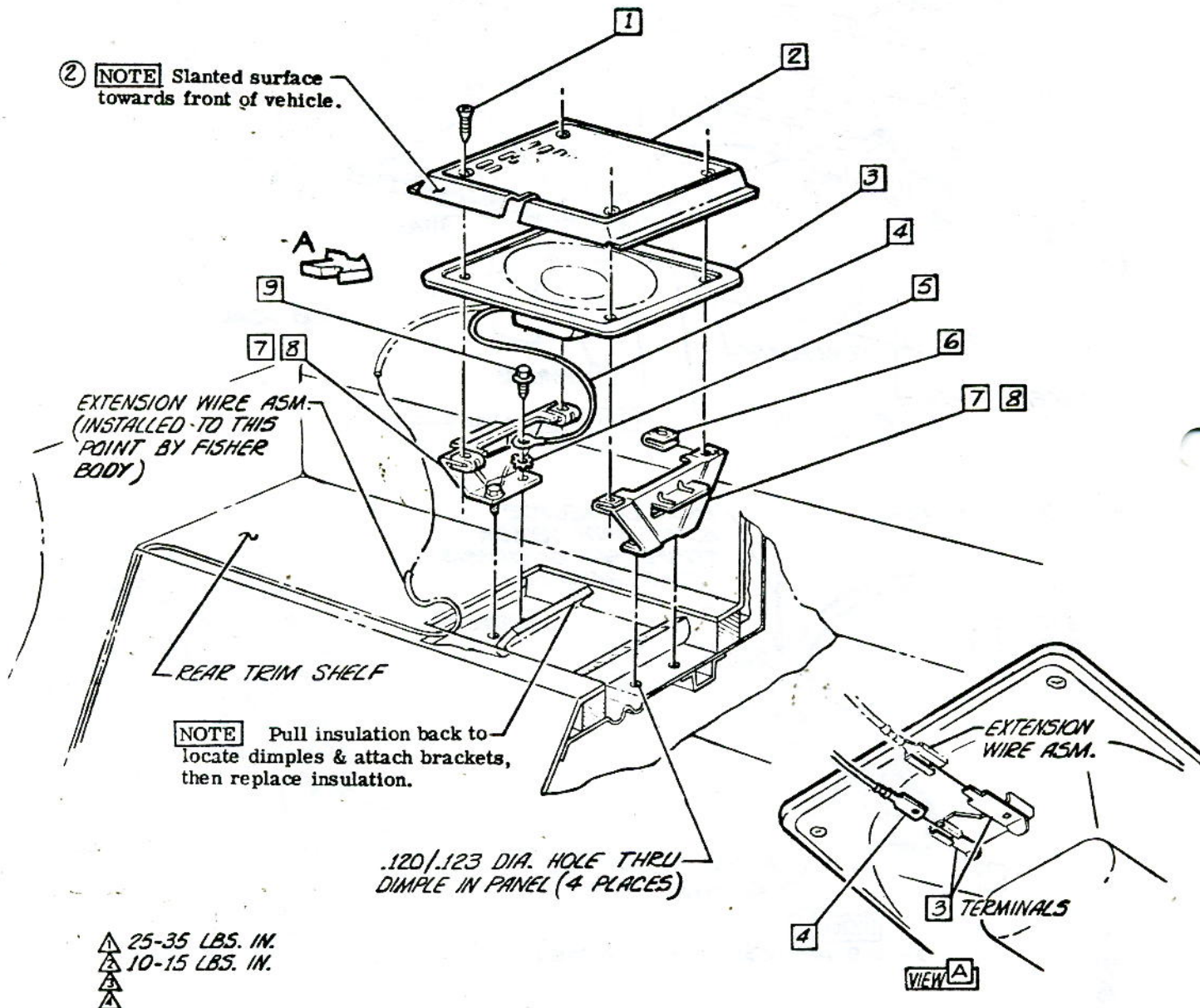
VIEW B

(U69 HARNESS ASM. ROUTING)

CHEVROLET MOTOR DIVISION, GMC		U.P.C.	DATE	SYN	REVISION RECORD	AUTPL	DE	CK
AUXILIARY SPEAKER EQUIPMENT - SPEAKER WIRING & CONTROLS		U80						
10000 (EXC. CONV.)		2.						
DWG. PREP. 4-22 H.M.	REF: Prod. 2	L-73473						
DATE REL. 5-13								
		X SHEET						

- ⚠ 1 9414765 SCREW
- ① 2 3873717 GRILLE
- 3 7290951 SPEAKER ASM
- 4 7283416 GROUND WIRE ASM
- 5 121752 L. WASHER
- 6 9420856 "U" NUT
- 7 3862879-80 BRACKET-L. & R.H.
- 8 Install bracket with arrow pointing toward "rear" of vehicle.
- ⚠ 9 9415464 SCREW

② **NOTE** Slanted surface towards front of vehicle.



- ⚠ 25-35 LBS. IN.
- ⚠ 10-15 LBS. IN.
- ⚠

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
AUXILIARY SPEAKER EQUIPMENT-AUXILIARY SPEAKER		U80	11-4-64	1	WAS 3862899 GRILLE & DWG. REVISED	66670	MM	
10000 (EXC. CONV.)					2	INSTALLATION NOTE ADDED		
DWG PREL. 4-24 H.M. REF: Prel. 3 L-73473 L- DATE REL. 4-24 L- L- L-		3.						
		SHEET						



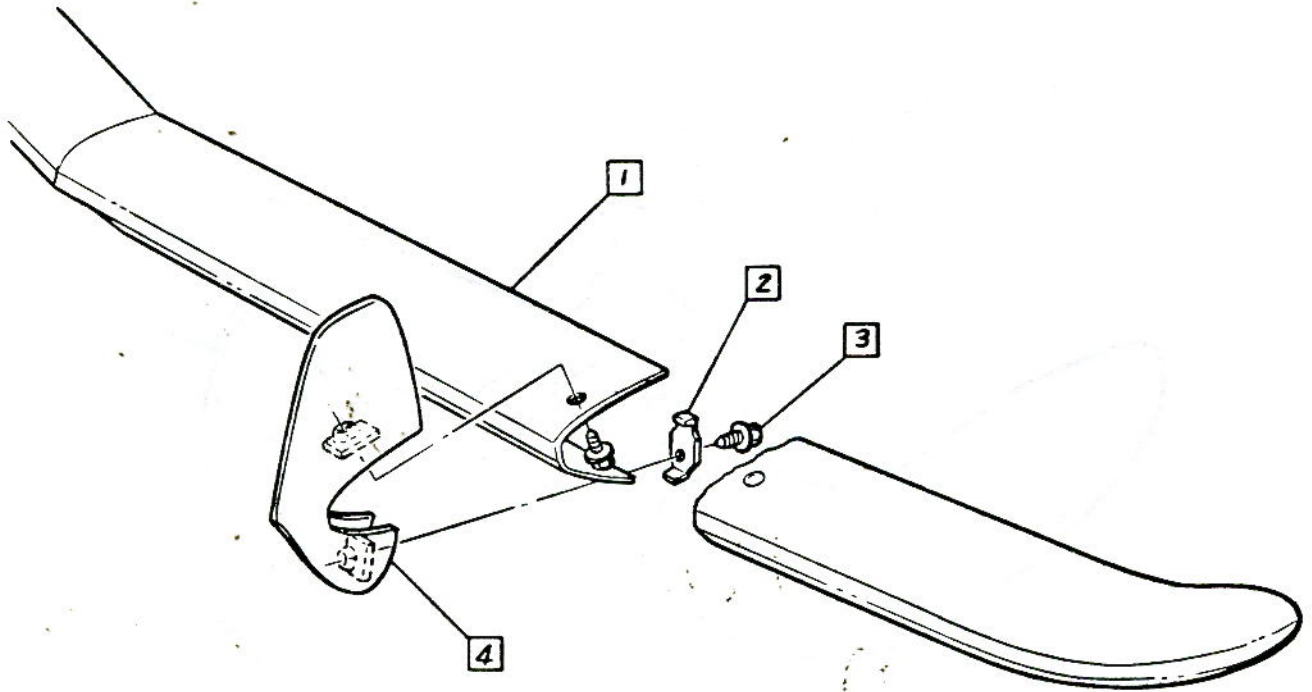
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 3863978 BAR-FRT. BUMPER
- 2 3861861 CLAMP
- 3 3827047 SCREW & L. W. ASM
- 4 3861857-8 GUARD ASM-L. & R.H.



▲ 14-22 LBS. FT.
 ▲
 ▲

CHEVROLET MOTOR DIVISION, GMC		UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
FRONT BUMPER GUARD		V31						
10000		1.						
DWG PREL. 4-7	CS/SB	REF: Prel. 1	L-74602	L-				
DATE REL 4-7		L-	L-	L-				
		SHEET						

+

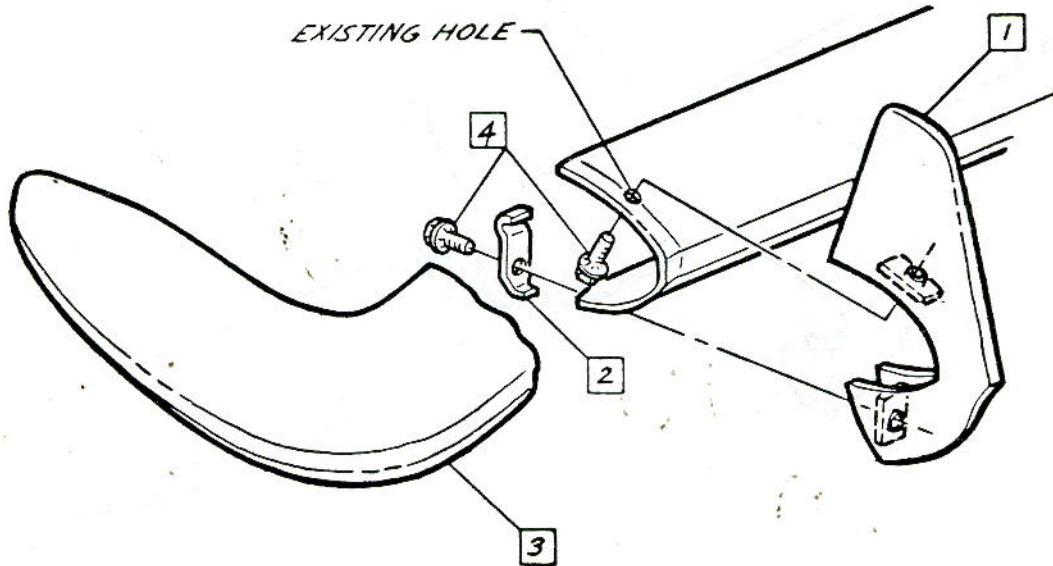


CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100 CORVAIR 10000 SERIES

- 1 3861859-60 GUARD ASM. L. & R.H.
- 2 3861862 CLAMP
- 3 3863989 BAR
- ① 4 3827047 SCREW & L. WASHER ASM.



① 14-22 LBS. FT.
 ②
 ③

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTL.	DR	CX
REAR BUMPER GUARD EQUIPMENT				V32						
10000				1.						
DWG PREL. 1-20	KC	REF: Prel: 1	L- 65012 L-							
DATE REL. 2-20		L-	L-							
				SHEET <input checked="" type="checkbox"/>						



GENERAL MOTORS

ASSEMBLY INSTRUCTIONS

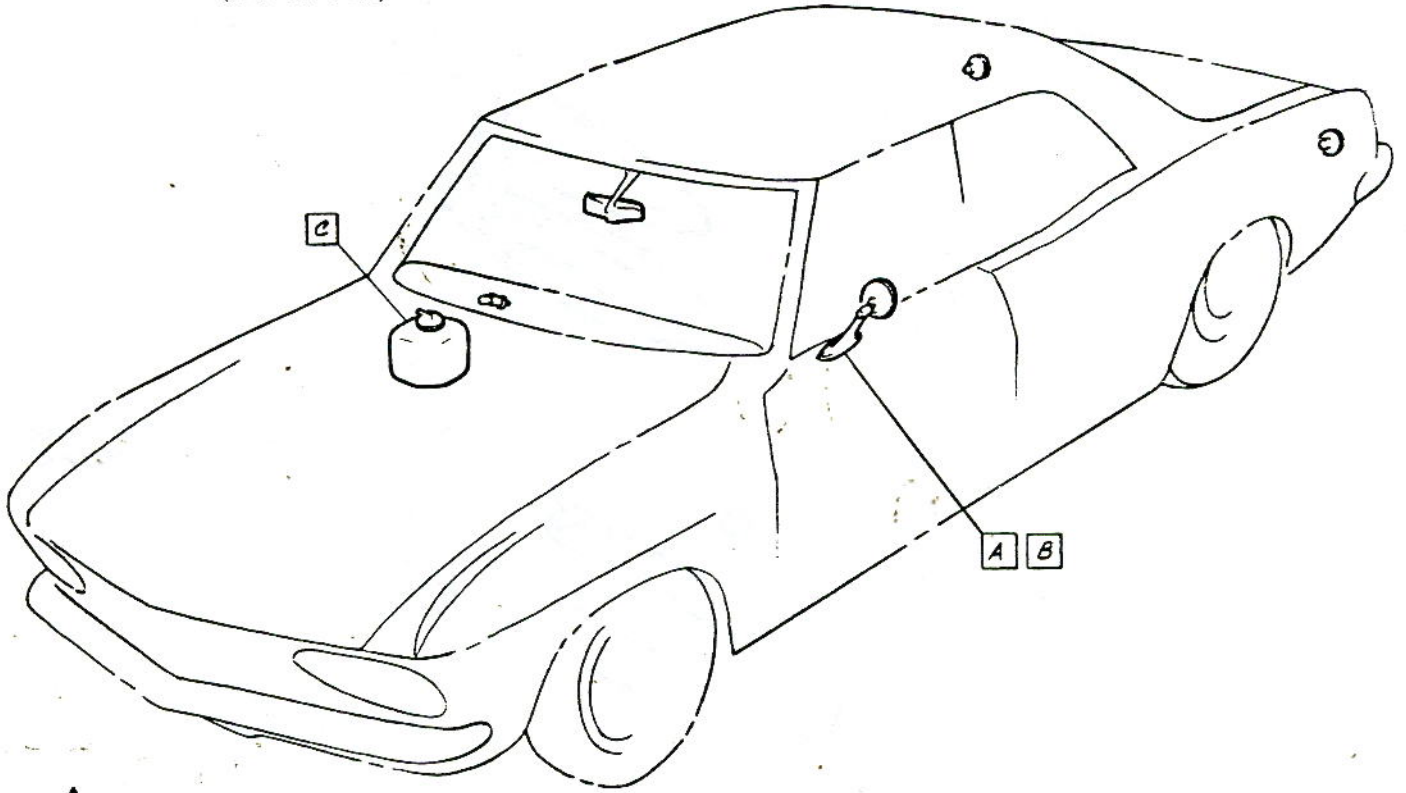
3862100 CORVAIR 10000 SERIE'

SHEET

TITLE

1. CONTENTS
- A** 2. OUTSIDE REAR VIEW MIRROR
- B** 3. OUTSIDE REMOTE CONTROL MIRROR (Z13 ONLY)
4. OUTSIDE REMOTE CONTROL MIRROR CONTROL ASM
- C** 5. WINDSHIELD WASHER NOZZLES, HOSES & JAR
6. WINDSHIELD WASHER WIRE ASM, ANTI-FREEZE JAR

- 1** The following parts install the same as regular production
- 1** 910597 BACKING LAMP (SEE UPC 12) MIRROR ASM
 - 2** 2989368 HARNESS ASM (10100)
 - 3859327 SWITCH ASM INST COMP LGT
 - 3859328 OPT (SEE UPC 12)
 - 120151 FUSE BACKING LAMP (SEE UPC 12)



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CR
COMFORT & CONVENIENCE-CONTENTS				Z01 Z13	7-6-69	1	UPC 12F ADDED	69758	10000	
10000					7-30-69	2	2989368 WAS 2988034	659,6	10000	
DWG. REL. 3-13 KC				1.						
DATE REL. 3-13					<input checked="" type="checkbox"/> SHEET 1					
REF: Prel. 6										
L- L- L-										
L- L- L-										

+



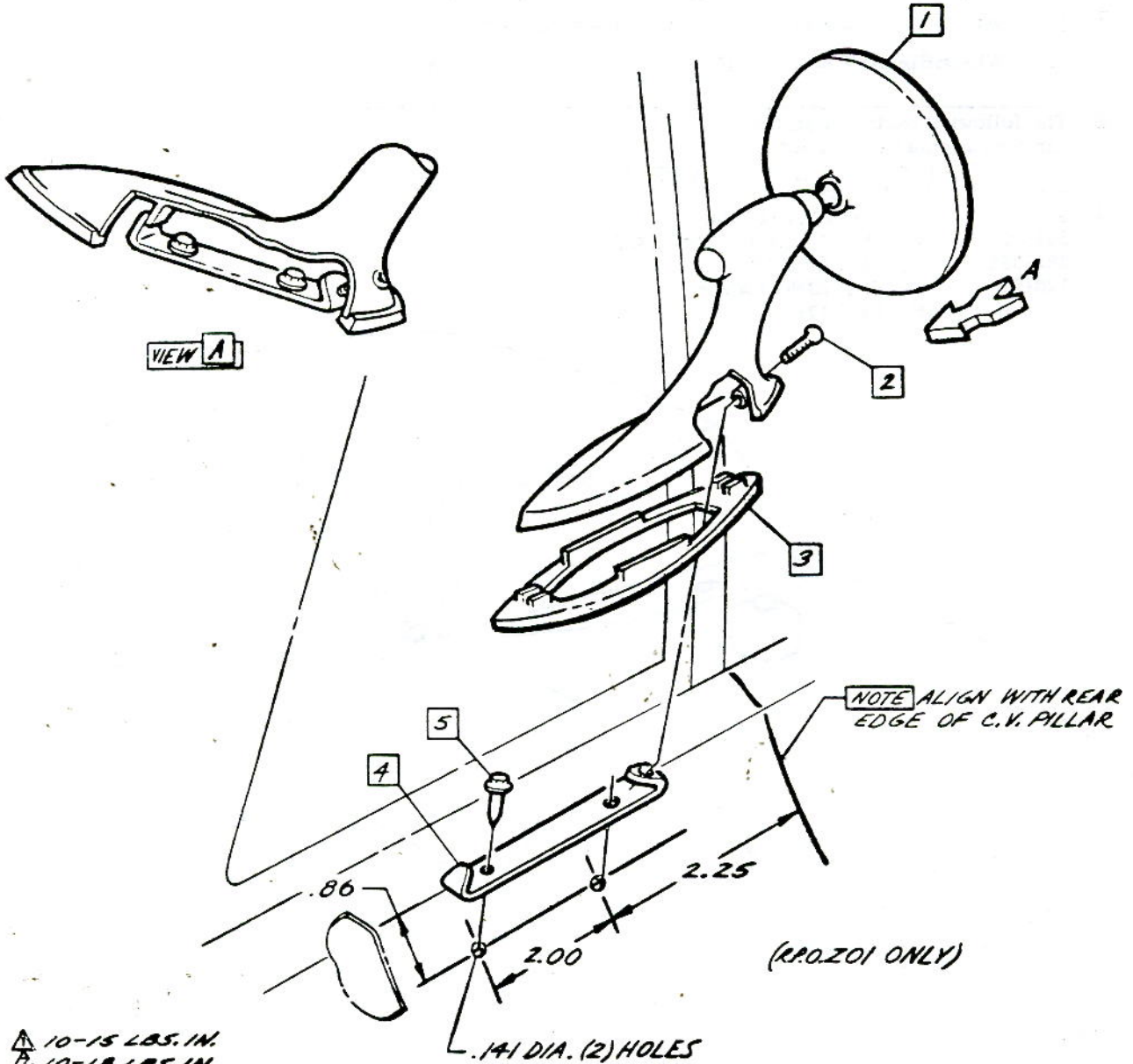
CHEVROLET

ASSEMBLY INSTRUCTIONS

3862100

CORVAIR 10000 SERIES

- 1 3821956 MIRROR ASM
- 2 3858474 SCREW
- 3 3857559 GASKET
- 4 3825896 BRACKET
- 5 9421495 SCREW ASM

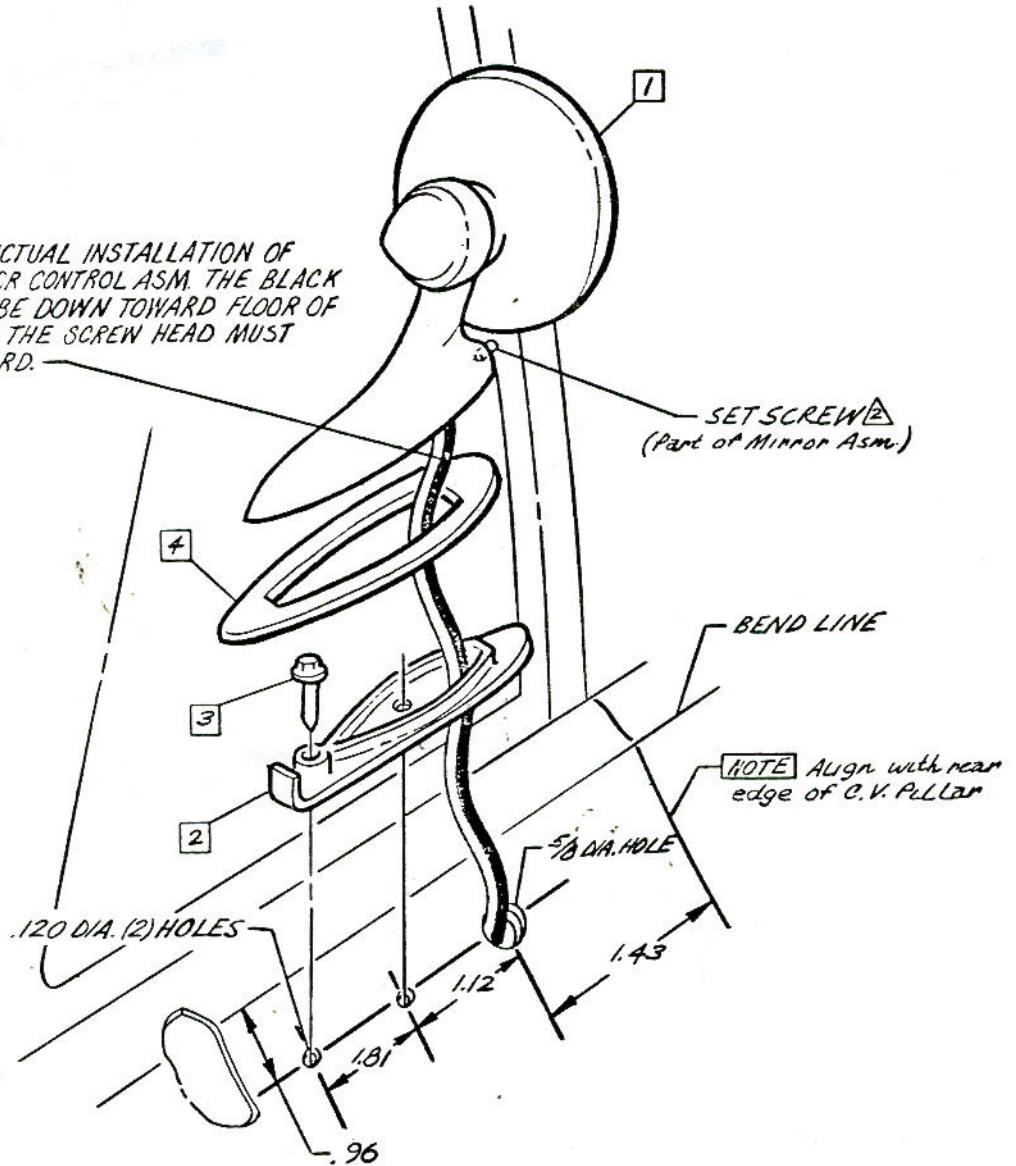


▲ 10-15 LBS. IN.
 ▽ 10-18 LBS. IN.

CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYN	REVISION RECORD	AUTH.	DR	CK
COMFORT & CONVENIENCE OUTSIDE REAR VIEW MIRROR				ZOI						
10000				Z13						
DWG. REL. 3-11				2.						
DATE REL. 3-11				☒ SHEET 1						

- 1 910792 MIRROR ASM
- 2 5955717 BRACKET
- ① 3 9421496 SCREW
- 4 5955709 PAD

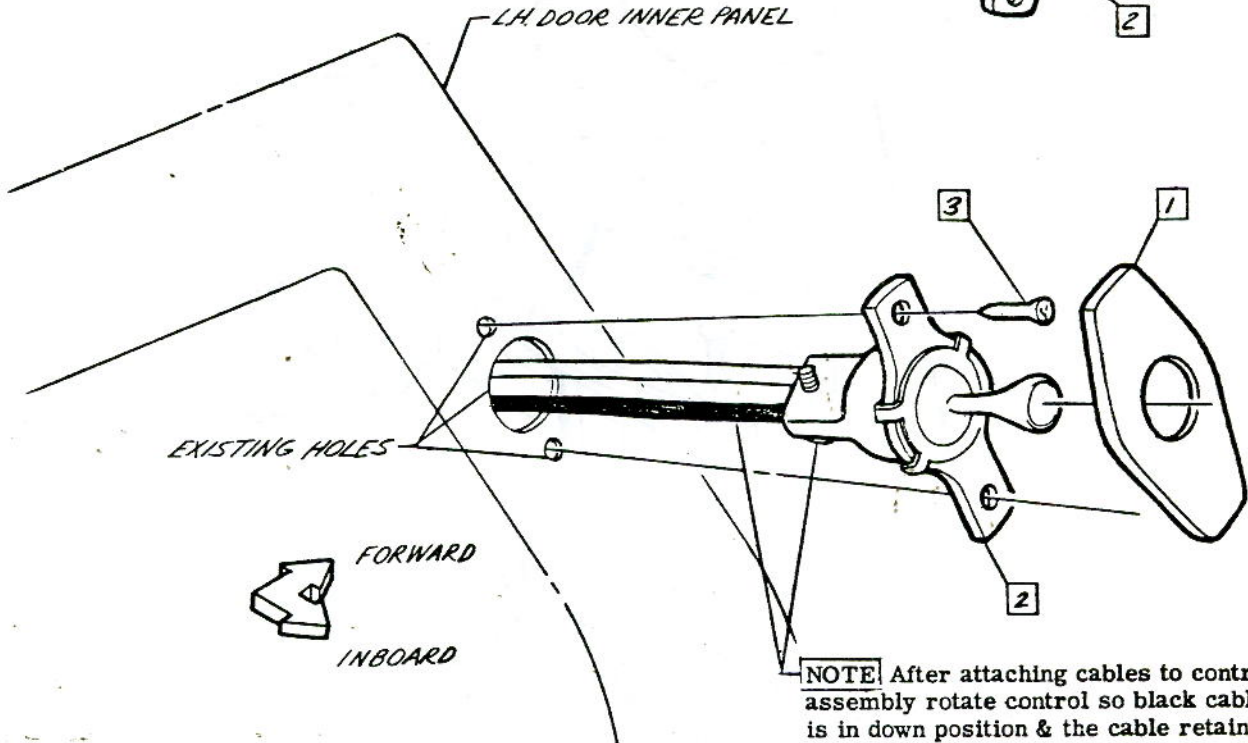
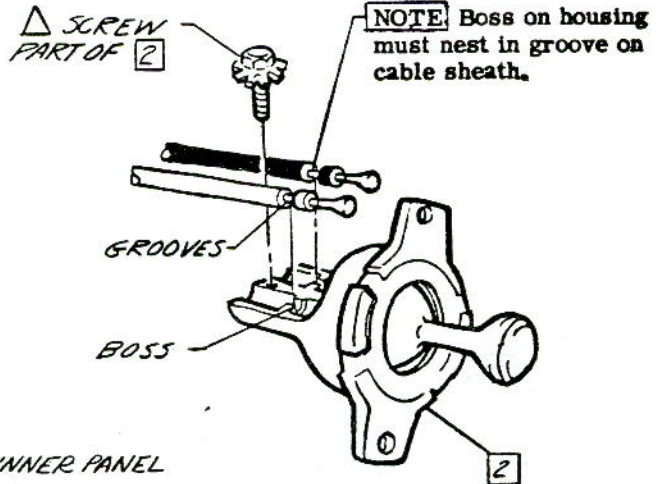
② **NOTE** UPON ACTUAL INSTALLATION OF REMOTE MIRROR CONTROL ASM, THE BLACK CABLE MUST BE DOWN TOWARD FLOOR OF VEHICLE AND THE SCREW HEAD MUST FACE FORWARD.



▲ 10-15 LBS. IN.
▲ 5-10 LBS. IN.
▲
▲

• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
COMFORT & CONVENIENCE OUTSIDE REMOTE CONTROL REAR VIEW MIRROR				ZOI Z13	7-6-64	1	WAS 901792 MIRROR ASM	GAT	KC	DP
					12-14-64	2	INSTALLATION NOTE ADDED	6814	ER	CI
10000				3.						
DWG AREL. 3-5 KC REF: Prel. 3 L-73643 L-										
DATE REL. 4-15 L- L- L-				SHEET						

- 1 5956894 PLATE
- 2 5956893 CONTROL ASM
- 3 3843505 SCREW



▲ 10-15 LBS. IN.
▲
▲

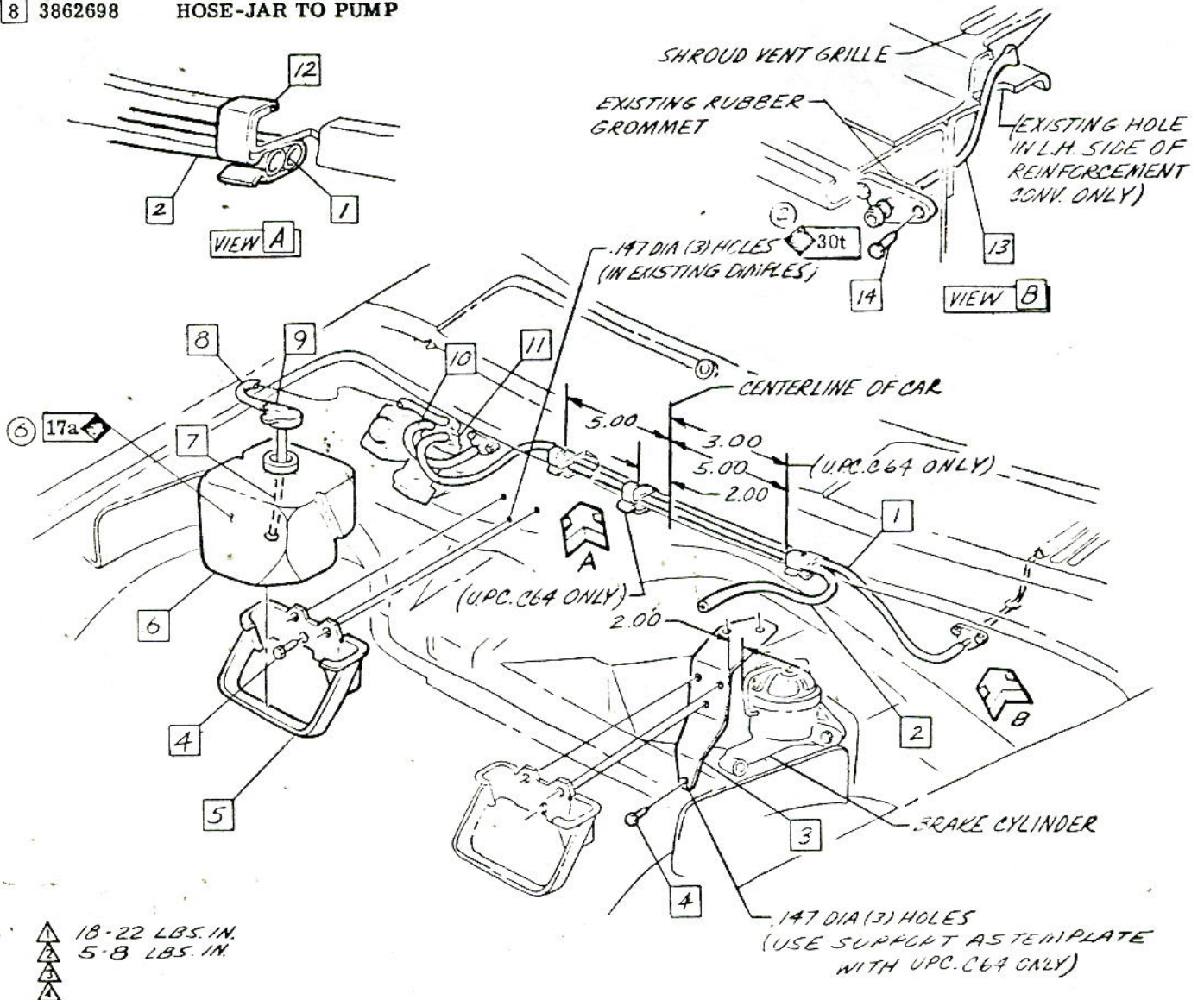
CHEVROLET MOTOR DIVISION, GMC				UPC	DATE	SYM	REVISION RECORD	AUTH.	DR	CK
COMFORT & CONVENIENCE OUTSIDE REAR VIEW MIRROR CONTROL ASM				ZOI Z13	12-26-64	2	REDRAWN & REDESIGNED	6772	JC	CI
10000				4.						
DWG REL. 3-5	KC	REF: Prel. 4	L-73643	L-						
DATE REL. 4-2		L-	L-	L-						
				<input checked="" type="checkbox"/> SHEET						

3862100

CORVAIR 10000 SERIES

- 1 3792232 HOSE-PUMP TO NOZZLE L. H.
- 2 3774879 HOSE-PUMP TO JAR (R. P. O. C64 ONLY)
- 3 3858767 SUPPORT (R. P. O. C64 ONLY)
- ⚠ 4 451790 SCREW (4)
- Ⓢ 5 548935 BRACKET ASM
- 6 3840083 JAR
- 7 3772059 HOSE & FILTER ASM
- 8 3862698 HOSE-JAR TO PUMP

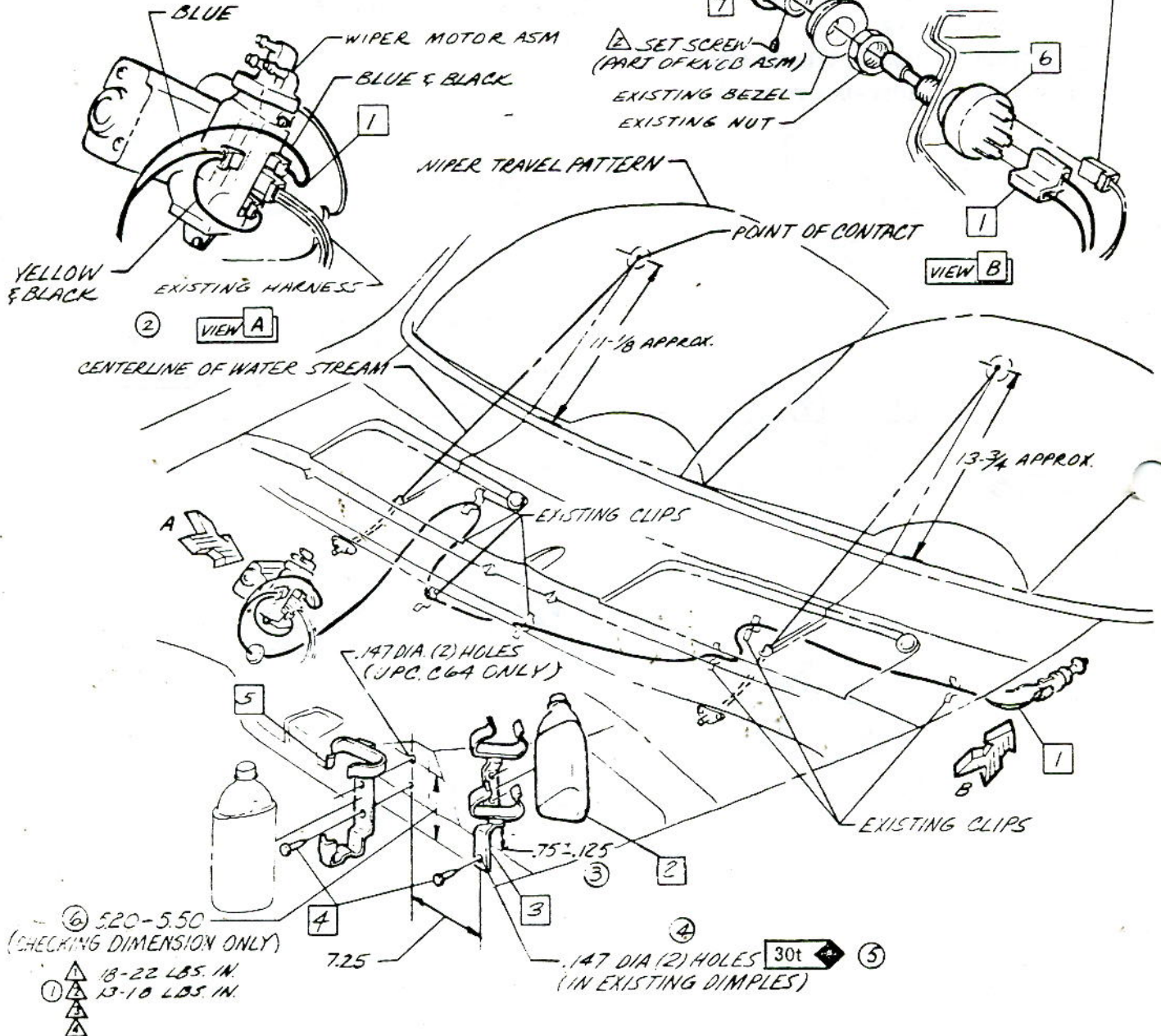
- 9 3798372 CAP
- 10 3771740 HOSE-PUMP TO NOZZLE R. H.
- Ⓢ 11 5045462 MOTOR & PUMP ASM
- 12 3820204 CLIP
- 13 3858768 NOZZLE ASM
- ⚠ 14 9416231 SCREW



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
COMFORT & CONVENIENCE, WINDSHIELD WASHER NOZZLES, HOSES & JAR				ZOI Z13.	7-26-64		WAS 3772059 W/ASHET NO			
10000					8-23-64	2	WAS 3774879 W/ASHET NO			
DWG 2-15-64				5.	8-23-64	3	WAS 3774879 W/ASHET NO			
DATE 2-15-64					8-23-64	4	WAS 3774879 W/ASHET NO			
REF: Prgl. 1					8-23-64	5	WAS 3774879 W/ASHET NO			
L- 72237L-					8-23-64	6	WAS 3774879 W/ASHET NO			
L- L- L-				SHEET						

- 1 2988066 WIRE ASM.
- 2 3789848 ANTI-FREEZE & JAR ASM.
- 3 3864244 BRACKET ASM.
- 4 9417226 SCREW

- 5 3815273 BRACKET ASM. (UPC C64 ONLY)
- 589622 OPT.
- 6 1993679 SWITCH ASM.
- 7 3859222 KNOB ASM.



• CHEVROLET MOTOR DIVISION, GMC •				UPC	DATE	SYM	REVISION RECORD	AUTH	DR	CK
COMFORT & CONVENIENCE; W/S WASHER WIRE ASM., ANTI-FREEZE & JAR				ZOI Z13	7-17-64	1	TORQUE (2) ADDED	64775	KC	DD
10000					3-4-69	2	VIEW A REVISED	45857	KC	DF
DWG PREL 2-17					3-3-68	3	DIM. ADDED	67776	JC	
DATE 2-17						4	WAS (3) HOLES			
REF: Pre1.2						5	WAS 312 SYMBOL	66597		
L-72237						6	DIM. ADDED	67772	SR	CI
L-				6.						
L-				SHEET						