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<tr>
<td>A1</td>
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<tr>
<td>4 A3</td>
<td>HDLP HOUSING ACTUATOR LINKS &amp; BRACKET</td>
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<td>5 A3.5</td>
<td>HDLP SUPPORT, ACTUATOR ASM &amp; HDLP DOOR MONITORING SWITCH</td>
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<td>PARKING LAMPS, HORN &amp; SIDE MARKER LAMPS</td>
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<td>A7</td>
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<tr>
<td>A8</td>
<td>GEN &amp; FWD LAMP WIRING HARNESS &amp; HORN RELAY</td>
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<td>A9</td>
<td>ENGINE WIRING</td>
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<td>A10</td>
<td>BATTERY</td>
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<tr>
<td>A11</td>
<td>BATTERY CABLE ROUTING</td>
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<tr>
<td>A12</td>
<td>GROUND CABLE &amp; BAT POS CABLE</td>
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<tr>
<td>A13</td>
<td>HEADLAMP AIMING</td>
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<tr>
<td>A14</td>
<td>HEADLAMP VAC HOSE ROUTING &amp; RELAY MOUNTING</td>
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<td>HEADLAMP &amp; W/S WIPER VAC HOSE ROUTING &amp; VACUUM TANK MOUNTING</td>
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<tr>
<td>A16</td>
<td>W/S WIPER VACUUM HOSE ROUTING</td>
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<tr>
<td>A17</td>
<td>ENG COMPT WIRING GENERAL ARRANGEMENT</td>
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<td>A18</td>
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B1  FUSE PANEL ASM & DIMMER SWITCH
B2  INSTRUMENT CLUSTER, CLOCK & CIGARETTE LIGHTER
B3  SPEEDO, TACH, DIR SIGNAL FLASHER, LIGHT SW & COURTESY LAMPS
B4  INSTRUMENT PANEL WIRING HARNESS
B5  INSTRUMENT PANEL WIRING HARNESS
B6  STOP LAMP SWITCH
B7  PARKING BRAKE ALARM
B8  CANCELED
B9  HEADLAMP & W/S WIPER ACCESS
     DOOR SW MOUNTING & VAC HARNESS
B10 INST CLUSTER LIGHTING
B11 INST CLUSTER CONSOLE WIRING
B12 SEAT BELT WARNING WIRE ASM
C1  DIRECTIONAL SIGNAL LEVER, HORN
     CAP & HAZARD FLASHER KNOB
C2  TACH SHAFT & ROUTING
C3  SPEEDO CABLE
C4  BACK-UP LAMP SW & OIL PRESS. PIPE
C5  REAR WIRING HARN & DOOR AJAR SWITCH
C6  REAR COMPT LAMP
C7  REAR TAIL, LICENSE & BACK-UP
     LAMP & HARNESS
C8  ANTI-THEFT ALARM & INST PANEL WRG
C9  ANTI-THEFT RELAY & RR COMPT LAMP
C10 HORN & SWITCH MOUNTING
C11 REAR WIRING HARNESS
C12 SEAT BELT WARNING SWITCH

NOTE: SEE 6270629 FOR WIRING DIAGRAM

1972 CORVETTE SERIES 3993092
CONTENTS-ELECTRICAL
Adjust actuator rod clevis to touch condition at forward end of slot, then add 1/2 turn more to give approx. .03 interference condition with lamps up.
1. 3938115-6 HOUSING ASM.
2. 9409107 SCREW ASM.
3. 127782 SCREW
4. 3926235 STOP
5. 3715377 SCREW-ADJ.
6. 9419143 NUT
7. 392301-2 STOP
8. 3846201 SCREW
9. 3966559-60 SHIELD
10. 9419791 SCREW
11. 9422654 NUT
12. 4770719 PLUG
13. 3915899 SCREW
14. 3915898 BUSHING

**NOTE:** Adjust housing asm to obtain 2 of vertical a plane formed by 3 common points ("A", "B" & "C") & ("D", "E" & "F") on the lamp mounting bosses.

**NOTE:** With links in over center position (full open) & adjusting screw in forward hole of stop, adjust screw to touch condition with headlamp support. Then turn screw 1-1/2 turns more causing 0.08 interference with support. Tighten jam nut. (CLEVIS adjustment must be accomplished prior to this adjustment, See Sheet A3.5)

---

**Headlamp Mounting Instructions**

**DATE**

<table>
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<tr>
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<th>DR</th>
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<td>2</td>
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**1972 Corvette Series 3993092**

**UPC** 12

**Sheet** A4
GRILLE MOUNTING, PARKING LAMP BULB
HORN & MARKER LAMPS
HORN & MARKER LAMPS WARNING SWITCH/CONN.
PARKING LAMP JUMPER HARNESS & CONNECTOR

<table>
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<th>PART NUMBER</th>
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<td>3894533</td>
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<td>9000032</td>
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<td>121753</td>
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NOTE: For remainder of harness, see (Sh 12-A8).

CORVETTE SERIES

DATE
1972

UPC 12

SHEET A6
NOTE: For remainder of harness, see Sht 12-A8.

NOTE: Press boot over terminal with small end down.

1. HORN RELAY
2. CLIP
3. RIVET
4. HARN ASM-FWD LP
5. NUT
6. L. WASHER
7. BOLT
8. NUT
9. SCREW

-existing holes in FENDER SKIRT

VIEW A

VIEW B
8901981   1 CABLE ASM-NEG
271172    2 NUT ASM
3918535   3 BRACKET ASM
455624    4 RIVET
3726181   5 CLIP
138494    6 L. WASHER
180143    7 BOLT

132 RUST PREVENTIVE-.250 OZ

TO STARTER MOTOR (12-A12)

-35 -50 LBS IN
-45 -60 LBS FT

1972 CORVETTESERIES 3993092

BATTERY CABLE ROUTING

12 A11
HEADLAMP AIM SPECIFICATION
S.A.E. PROPOSAL 2.

SPECIFICATION GIVEN FOR VEHICLE
WHICH CONTAINS 1/2 TANK OF FUEL

VERTICAL AIM                  HORIZONTAL AIM
3" UP  1.5" DOWN               0" R/L ± 4"

CALIBRATION OF HEADLAMP AIMERS FOR
ASSEMBLY PLANT SETTING AND CHECKING

1. Headlamp Aim to be set and checked with a mechanical aimer
   that conforms to S.A.E. 5602.

2. To compensate for 1/2 tank of fuel, master fixture is to be
   aligned 0" vertical plane and 0" horizontal plane.

3. Place aimers on master fixture and calibrate to read 0" U/D
   and 0" R/L.

Production Checking Limits — All Headlamps.

<table>
<thead>
<tr>
<th>VERTICAL AIM</th>
<th>HORIZONTAL AIM</th>
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<tr>
<td>0&quot; UP +2&quot;, -2.5&quot;</td>
<td>0&quot; R/L ± 4&quot;</td>
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</table>
HEADLAMP HOSE ROUTING & RELAY MOUNTING

NOTE: For continuation of routing see Sheet 12-A15.
Bend clip as required to properly retain hoses.

NOTE: For continuation of routing see Sheet 12-A14.
A Bend clip as required to properly retain hoses.

20 - 30 LBS IN
<table>
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<tr>
<th>PART NUMBER</th>
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<tr>
<td>6491003</td>
<td>CLUSTER ASM.</td>
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<tr>
<td>9427690</td>
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<td>9427633</td>
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<tr>
<td>3972039</td>
<td>LIGHTER ASM. CIGARETTE</td>
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<tr>
<td>6491649</td>
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<td>3794018</td>
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<tr>
<td>3794017</td>
<td>KNOB</td>
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<tr>
<td>274004</td>
<td>BULB-CIG. LIGHTER</td>
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<tr>
<td>2977777</td>
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<tr>
<td>3838548</td>
<td>RIVET</td>
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<td>3759924</td>
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<td>3921417</td>
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<td>3928775</td>
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<tr>
<td>3919034</td>
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<tr>
<td>447143</td>
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<tr>
<td>9414752</td>
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**NOTE:** Position of retainer must allow clearance to ash tray when lamp asm. is installed.
COURTESY LAMP RH, DOOR JAMB SWITCH, WARNING BUZZER, SIGNAL FLASHER
CLOCK, CONNECTOR, WINDSHIELD WIPER VACUUM SOLENOID CONNECTOR
TACH VALVE, HEATER RESISTOR CONNECTOR

WINDSHIELD LOWER FRAME
INSTR CLUSTER ASM
TEMP SW CONN
ST BELT WRNG BUZZER CONN
AMMETER CONN
W/SHIELD WIPER SW CONN
TCS RELAY CONN
FUEL GAUGE CONN

See Sheet B4 for continuation of routing.

CLUSTER CLIP
W/SHIELD WIPER VACUUM SOLENOID CONN

TACH VALVE

See Sheet B11 for continuation of routing.

1972 CORVETTE SERIES

<table>
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E KEEL
INSTRUMENT PANEL
WIRING HARNESS

UPC 12
SHEET B5
After assembly of the brake pedal, the Switch Asm. Bracket is to be adjusted so that electrical contact is made when the brake pedal is depressed from 0.25 to 0.64 in. from its normal position.
A. Door Open Warning - Light Blue W/Dark Green Stripe
B. Headlamp Door Warning - Light Blue & Pink
C. Instrument Cluster Illumination
D. Seat Belt Warning
E. Park Brake Alarm - Pink
F. High Beam Indicator - Light Green
G. L.H. Direction Signal Indicator - Light Blue
H. R.H. Direction Signal Indicator - Dark Blue
See Sheet B12 for continuation of routing to parking brake switch & seat belt warning relay.

- .192/.199 Diameter hole.
See Sheet B11 for continuation of routing.
NOTE: Spin over studs securely. Emblem must be free from rattles.

CAUTION: Position horn contact tower so that it will engage hole in steering wheel before installing wheel.
NOTE: Item 1 is to be assembled to vehicle so that "Hot Stamp" is located at grommet in dash panel.
BACK UP LAMP SWITCH/BRACKET/SHEILD
EXTENSION LINE TO TACH OIL PRESSURE HOSE.

1 BACK-UP LAMP SWITCH/BRACKET/SHEILD
2 BACK-UP LAMP PLASTIC BLOCK
3 TAPE/UPC 14
4 CLIP
5 RIVET
6 SHIELD
7 RETAINER
8 ROD
9 BRACKET
10 SWITCH
11 SCREW ASM

A (4 in.) Hose to Tach Shaft.

1972 CORVETTE SERIES 3993092

VIEW A

VIEW B
2 In. - 3 places used to tape rear compt lamp wire to underbody.
See Sheet 12C5 for continuation of routing.

NOTE: Excess wire must be left rearward of cover.

To Seat Belt Warning Switch

Seat Belt & Retractor ASM

3983946 1 CLIP
455624 2 RIVET
Center switch asm on 2nd spring as shown.