SYMBOLS

- PIN AND SOCKET CONNECTOR
- SNAP CONNECTOR
- DOUBLE SNAP CONNECTOR
- BULKHEAD CONNECTOR
- LINE SPLICE
- POWER GROUND VIA BLACK WIRE
- POWER GROUND VIA COMPONENT MOUNTING
- LOGIC GROUND
- BULB
- DIODE
- RESISTOR
- FUSE
- MOTOR
- SOLENOID
- CAPACITOR
CONNECTOR JUNCTIONS

CF(), CP(), CR()

Refer to the HARNESS LAYOUT—CONNECTOR JUNCTION LOCATIONS chart (Fig. 1.1) to identify the location of the connector.

GROUND POINTS

G2 through G18

Refer to the CHASSIS GROUND POINTS chart (Fig. 1.2) to identify the location of the ground point.

WIRING COLOR CODE

<table>
<thead>
<tr>
<th>N</th>
<th>BROWN</th>
<th>Y</th>
<th>YELLOW</th>
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<tr>
<td>B</td>
<td>BLACK</td>
<td>O</td>
<td>ORANGE</td>
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<tr>
<td>W</td>
<td>WHITE</td>
<td>S</td>
<td>SLATE (GRAY)</td>
</tr>
<tr>
<td>K</td>
<td>PINK</td>
<td>L</td>
<td>LIGHT</td>
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<tr>
<td>G</td>
<td>GREEN</td>
<td>U</td>
<td>BLUE</td>
</tr>
<tr>
<td>R</td>
<td>RED</td>
<td>P</td>
<td>PURPLE</td>
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When a wire has two color code letters, the first letter indicates the main color and the second letter indicates the tracer color. Example: WK = white with a pink tracer. PGS = purple with a green and slate tracer.
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</table>
G2  RIGHT FRONT CORNER (FRONT RADIATOR)
G3  RIGHT FRONT INNER FENDER
G4  CENTER FRONT BULKHEAD
G5  RIGHT BULKHEAD CONNECTOR (BELOW)
G6  RIGHT FRONT DOOR POST
G7  CENTER SUPPORT RIGHT SIDE (BEHIND INST. PAN.)
G8  RIGHT REAR WINDOW (UNDER HEADLINER)
G9  RIGHT REAR INNER FENDER (IN TRUNK)
G10 LEFT REAR INNER FENDER (IN TRUNK)
G11 GEAR SELECTOR LEFT SIDE
G12 LEFT TRANSMISSION TUNNEL (UNDER CTR. CONSOLE)
G13 CENTER SUPPORT LEFT SIDE (BEHIND INST. PAN.)
G14 INSTRUMENT PANEL (BEHIND TACH./SPEEDO.)
G15 LEFT FRONT DOOR POST
G16 LEFT BULKHEAD CONNECTOR (BELOW)
G17 LEFT FRONT INNER FENDER
G18 LEFT FRONT CORNER (FRONT RADIATOR)
FIG. 1.2

CHASSIS GROUND POINTS  (XJ6 III 4.2)
FIG. 12.2
HEATED REAR WINDOW  (XJ6 III  4.2)
NOTE: LATE ASI RADIO WITH REMOVABLE CONTROL PANEL AND ALPINE RADIOS.

NOTE: LIGHTING CIRCUIT NOT USED—ALL ALPINE.

FROM FUEL SOLENOID (Fig. 17.1)
FIG. 15.2

LATE RADIO / ANTENNA  (XJ6 III  4.2)
FIG. 21.2

DOOR LOCKS — SOLENOID (XJ6 III 4.2)

- "LOCK" RELAY
- RIGHT COMPONENT PANEL
- THERMAL BREAKER
- "UNLOCK" RELAY
- DOOR SOLENOIDS (TYP.)
  NOTE: TRIGGER UNIT INTEGRAL WITH DRIVER'S DOOR SOLENOID
- TRUNK SOLENOID
FUSE (IN-LINE)
NOTE: FUSE IN PLACE
OF THERMAL BREAKER

AUXILIARY FUSE PANEL

LOCK SWITCH

DOOR MOTORS (TYP.)

TRUNK MOTOR

FIG 22.2

DOOR LOCKS — MOTORIZED (XJ6 III 4.2)
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XJ-S THROUGH 1987 MY

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G1  RIGHT FRONT INNER FENDER
G2  RELAY CLUSTER
G3  RIGHT "A" POST
G4  CENTER SUPPORT RIGHT SIDE (BEHIND A/C)
G5  RIGHT REAR WHEEL ARCH (UNDER REAR SEAT)
    (NOT USED THROUGH 1987 MY)
G6  TRUNK RIGHT SIDE
G7  RIGHT REAR INNER FENDER
G8  LEFT REAR INNER FENDER
G9  REAR WINDOW-LEFT
G10 LEFT REAR WHEEL ARCH (UNDER REAR SEAT)
    (NOT USED THROUGH 1987 MY)
G11 CENTER CONSOLE
G12 CENTER SUPPORT LEFT SIDE (BEHIND A/C)
G13 LEFT "A" POST
G14 FRONT BULKHEAD (BEHIND INST. PANEL)
G15 FRONT BULKHEAD (ENGINE SIDE)
G16 LEFT FRONT INNER FENDER

FIG 1.2
CHASSIS GROUND POINTS
XJ-S
THROUGH 1987
FIG 3.2
POWER DISTRIBUTION—DIRECT BATTERY FEEDS

XJ-S THROUGH 1987
DIODES
(BEHIND INSTRUMENT CLUSTER)

FLASHER

MAIN FUSE PANEL

LEFT COMPONENT PANEL

HAZARD; TURN SIGNALS
FIG 9.2

BRAKE LIGHTS; REVERSE LIGHTS

- REVERSE SWITCH
- BRAKE LIGHT FAILURE UNIT
- BRAKE LIGHT FAILURE DIODE
- BRAKE LIGHT SWITCH
- BULB FAILURE DIODE (BEHIND INSTRUMENT PANEL)
- MAIN FUSE PANEL
- PARK BRAKE SWITCH

XJ-S THROUGH 1987
FIG 13.2 TRUNK LIGHTS; TRANSMISSION KICKDOWN; CIGAR LIGHTER
FIG 19.2

INSTRUMENTATION; TRIP COMPUTER

XJ-S
THROUGH 1987
DOOR LOCKS
FIG 23.2
POWER MIRRORS

MAIN FUSE PANEL

MIRROR SWITCHES

XI-S THROUGH 1987
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FORWARD OF FRONT BULKHEAD
CF1  RIGHT BULKHEAD
CF2  LEFT BULKHEAD
CF3  LEFT FRONT INNER FENDER
CF4  LEFT FRONT CORNER
CF5  RIGHT FRONT CORNER
CF6  ENGINE

IN PASSENGER AREA
CP1  RIGHT DOOR POST
CP2  INSIDE RIGHT DOOR
CP3  RIGHT REAR, UNDER SEAT
CP4  LEFT REAR, UNDER SEAT
CP5  INSIDE LEFT DOOR
CP6  LEFT DOOR POST
CP7  CENTER CONSOLE
CP8  BEHIND CENTER PANEL (RIGHT SIDE)

REAR OF REAR BULKHEAD
CR1  TRUNK, RIGHT SIDE
CR2  RIGHT REAR CORNER
CR3  LEFT REAR CORNER
CR4  TRUNK, LEFT SIDE
CHASSIS GROUND POINTS

G1  RIGHT FRONT INNER FENDER
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G3  RIGHT "A" POST
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    (NOT USED THROUGH 1987 MY)
G11 CENTER CONSOLE
G12 CENTER SUPPORT LEFT SIDE (BEHIND A/C)
G13 LEFT "A" POST
G14 FRONT BULKHEAD (BEHIND INST. PANEL)
G15 FRONT BULKHEAD (ENGINE SIDE)
G16 LEFT FRONT INNER FENDER

FIG 1.2  XJ-S  1988 MY
FIG 3.2
POWER DISTRIBUTION - DIRECT BATTERY FEEDS

XJ-S
1988 MY
FIG 5.2
HEADLIGHTS
FIG 6.2  FOG LIGHTS
FIG 8.2
HAZARD; TURN SIGNALS
WARNING LIGHTS

NOTE: HAZARD; HIGH BEAM; BULB FAILURE; HEATED REAR WINDOW; SEAT BELTS—SEE SEPARATE CIRCUIT DIAGRAMS

INSTRUMENT PANEL

100 OHM

RES.

IGNITION FEED (POS. 2)

W W W W Y

W

RES.

100 OHM

ALT.

LOW COOLANT

LOW COOLANT UNIT

VOLTAGE

SERV. INTV.

BRAKE

PARK. BRAKE

OIL PRESS.

NB NB NB WU RB BS BY BW BW

W U

NOT USED BY

NB

W

NB

W

W

WU

W

W

WR

WR

LOW COOLANT UNIT

OVER VOLTAGE UNIT

BULB CHECK UNIT

BRAKE LIGHT FAIL. (FIG 9.1)

BRAKE FLUID LEVEL SWITCH

PARK BRAKE SWITCH

OIL PRESS. SWITCH

NB NB W W

B B B B

CF2 CF2

CF1 CF1

CF2 CF2

CF6 CF6

B G4 B G14

B G14

B G14

B G15

B ENG. GROUND

COOLANT GROUND

ALTERNATOR
FIG 10.2

WARNING LIGHTS

- ALTERNATOR
- OIL PRESSURE SWITCH
- RIGHT COMPONENT PANEL
- LOW COOLANT UNIT
- LOW COOLANT SENSOR
- BRAKE FLUID SWITCH
- RESISTOR (BEHIND INSTRUMENT CLUSTER)
- PARK BRAKE SWITCH
- BULB CHECK UNIT
- MAIN FUSE PANEL
- OVER VOLTAGE UNIT
- LEFT COMPONENT PANEL