



FASCIA BOARD

RENEW
RENEW (PASSENGER AIRBAG TYPE)
REMOVE FOR ACCESS

76.46.01
76.46.01/61
76.46.01/63

Disconnect the vehicle battery ground lead and position the gear control lever fully rearward.

Remove:

- x Driver side airbag 76.73.36 •
- x Steering wheel 57.60.01 or 57.60.01 / 60.°
- x Upper and lower steering column cowls 76.46.02 and 76.46.03.°
- x Underscuttle pad or knee bolster, driver and passenger side 76.46.11 or 76.46.15.°
- x Instrument module 88.20.01 •
- Centre fascia veneer panel 76.47.06
- Centre fascia vent outlet 80.15.38
- Glove box liner (where applicable) 76.52.30

Through the instrument aperture, remove the upper fascia retaining nut (1 Fig. 1). *7/16"*
 Remove RH and LH side fixing, brace to 'A' post (2 Fig. 1).
 Through the centre vent aperture, remove the upper fascia retaining tube nut (3 Fig. 1) (Passenger airbag only), or,
 through the glove box aperture, remove the upper fascia retaining nut (4 Fig. 1) (non passenger airbag vehicles).
 Remove A / C control panel knobs and retaining collars.
 Pull the A / C control panel clear to release centre console to fascia fixings.

CAUTION: Take care not to damage fibre optic components when moving control panel.

- Remove the RH and LH side 'A' post to fascia trims and fascia mounted interior lamps.
 - Remove the hazard warning / heated backlight switch and exterior mirror consoles (for access).
 - Release the switch and trip computer harness from the clips, and pull clear.
 - Disconnect the fog lamp, trip computer and interior lamp multiplugs.
 - Remove the fascia assembly from the vehicle and place on a suitably protected work bench.
 - Remove the trip computer and switch / veneer assembly.
 - Remove the RH and LH side air vent veneer and vent assembly.
 - Remove the dimmer control.
- Remove the airbag deployment door and fascia brackets (passenger airbag only).
 Remove the glove box lid (non passenger airbag).
 Remove clips and retainers as required.
 Reassembly and fitting is the reversal of this procedure.

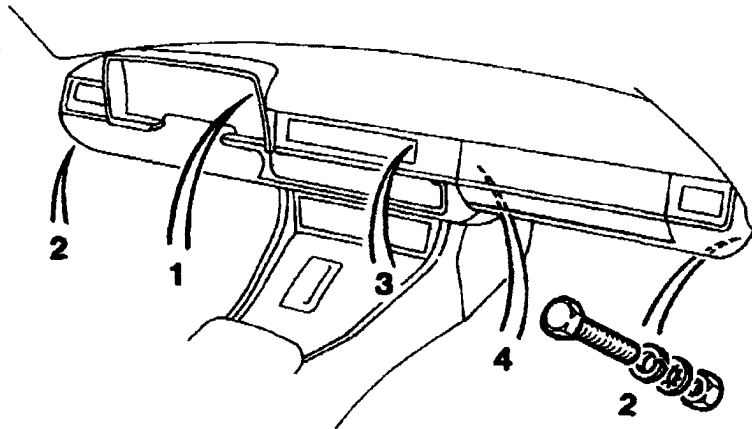


Fig. 1

176 867



STEERING WHEEL (USA MARKET)

All USA market XJ-S models are fitted with a tilt type steering column and associated steering wheel and air bag restraint system.

WARNINGS AND HEALTH AND SAFETY PRECAUTIONS

THE AIR BAG MODULE INFLATOR/SENSOR ASSEMBLY CONTAINS SODIUM AZIDE AND POTASSIUM NITRATE. THESE MATERIALS ARE POISONOUS AND EXTREMELY FLAMMABLE. CONTACT WITH ACID, WATER OR HEAVY METALS MAY PRODUCE HARMFUL AND IRRITATING GASES (SODIUM HYDROXIDE IS FORMED IN THE PRESENCE OF MOISTURE) OR COMBUSTIBLE COMPOUNDS

DO NOT ATTEMPT TO DISMANTLE THE MODULE, DO NOT PUNCTURE OR INCINERATE, OR BRING INTO CONTACT WITH ELECTRICITY.

DO NOT STORE AT TEMPERATURES EXCEEDING 200° F

ALWAYS SEAL DEPLOYED MODULES IN THE CONTAINERS PROVIDED, READY FOR RETURN TO THE MANUFACTURER.

WHEN HANDLING AIR BAG MODULES, ALWAYS WEAR CHEMICAL RESISTANT GOGGLES AND IMPERVIOUS RUBBER GLOVES TO FEDERAL SAFETY STANDARDS.

AVOID SKIN OR EYE CONTACT. AVOID INGESTION.

IF SKIN OR EYE CONTACT OCCURS, WASH THE SKIN THOROUGHLY WITH SOAP AND WATER, FLUSH THE EYES WITH CLEAN WATER FOR AT LEAST FIFTEEN MINUTES. SEEK PROMPT MEDICAL ATTENTION.

IF MATERIALS ARE INGESTED, INDUCE VOMITING. IF GASES ARE INHALED, SEEK FRESH AIR. IN EVERY CASE, SEEK PROMPT MEDICAL ATTENTION.

RENEW

57.60.01

Remove:

Release the steering column tilt lever and fully lower the column.

See "Warnings and health and safety precautions" above before proceeding with air bag module removal.

Move the steering wheel through 90 degrees from the straight ahead position.

Remove the air bag module securing nut cover (Fig 1)

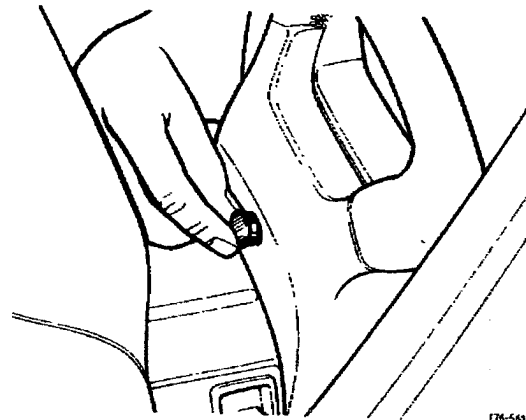
Undo and remove the securing nut.

Turn the steering wheel through 180 degrees.

Remove the second securing nut cover.

Undo and remove the securing nut.

Return the steering wheel to the straight ahead position.



J76-561

Fig. 1



STEERING



Open the arming screw cover (1 Fig. 1)
 Using service tool JD 159 in conjunction with screwdriver 18G 861 (2 Fig. 1), unscrew the arming screw (anti-clockwise) until it reaches a stop (12 turns, approximately 15mm total movement).

Slide the access plate across and lock it in position by screwing the arming screw in approximately two turns, thus giving access to the module securing screw (1 Fig. 2).
 Slacken and release the (captive) module securing screw.

Remove the module, check that it is correctly disarmed (see Fig. 3), and place it (cover uppermost) in a lockable cupboard.
 Undo and remove the steering wheel securing nut. Mark the position of the steering wheel for replacement purposes.
 Withdraw the wheel from the column.

Refit:
 Fit the wheel to the column's spline ensuring correct alignment.
 Fit and tighten the steering wheel securing nut.

Offer up the air bag module to the steering wheel. Ensuring that the module is square in the wheel, apply a light positioning force to it and start the captive securing screw.
 Tighten the screw ensuring that the module pulls down squarely, by pressing down on the top spoke area.

Using screwdriver 18G 861 and service tool JD 159 turn the arming screw clockwise approximately 12 turns until it reaches a stop, thus arming the air bag. Torque tighten the screw to 1 to 2 Nm.

Note: The access plate is locked in place so that the captive securing screw cannot be removed with the module armed (a loose plate indicates that the module is not armed).

Close the arming mechanism cover (note that the cover cannot be closed unless the module is armed, and the wheel cannot be turned with the cover open).

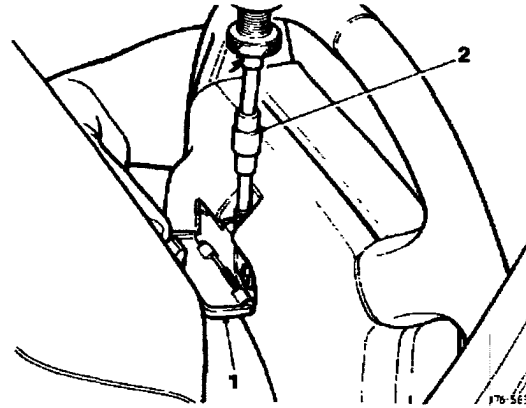


Fig. 1

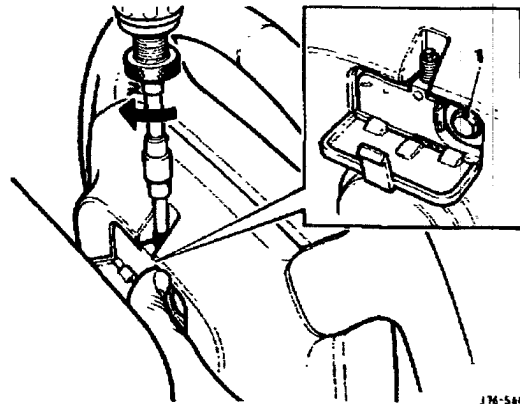


Fig. 2

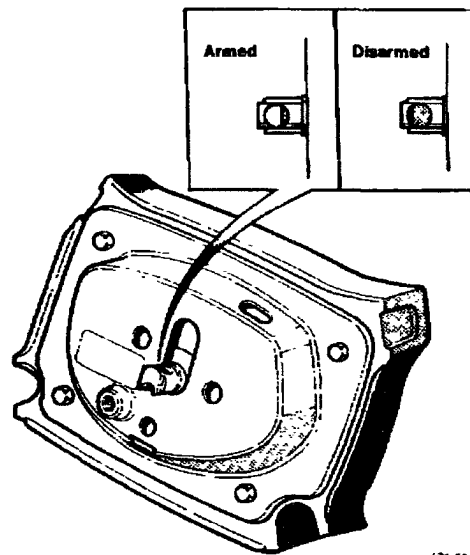
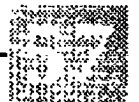


Fig. 3





Turn the wheel 90 degrees to the left.
Fit and tighten the module securing nut and fit the nut cover.
Turn the wheel 180 degrees to the right.
Fit and tighten the remaining securing nut and fit its cover.
Centralize the wheel and adjust the column to the required height.

DATA

SPECIAL TOOLS

JD 159 Air bag arming tool
18G 861 Torque screwdriver

TORQUE FIGURES

Steering wheel to steering column **35–45 Nm**
Module securing nut **10–12 Nm**
Module securing screw (captive) **10–12 Nm**
Arming screw **1–2 Nm**.

SPANNER SIZES

24 mm
73mm

STEERING WHEEL (EXCEPT USA)

RENEW 57.60.01

All XJ-S models (except for **USA** market) are fitted with a tilt type steering column and associated steering wheel.

Remove:.

Pull the centre pad from the steering wheel.
Undo and remove the steering wheel securing nut.
Mark the position of the steering wheel for replacement purposes.
Pull the steering wheel from the steering column's splines.

Replace:.

Correctly align the steering wheel and replace it on the steering column's splines.
Fit and tighten the securing nut.
Replace the steering wheel's centre pad.

DATA

TORQUE FIGURES

Steering wheel to steering column **35–45 Nm**

SPANNER SIZES

24 mm

**STEERING COLUMN UPPER COWL****RENEW** 76.46.02

Remove the steering column lower cowl. Refer to operation 76.46.03.

Undo and remove the upper cowl securing screws (2 Fig. 1).
Release the column tilt lever (1 Fig. 1) and tilt the steering column downwards.

Remove the cowl.
Locate the cowl on to the steering column and fix it in position with the upper cowl securing screws (2 Fig. 1) which should be firmly tightened.

Fit the lower cowl. Refer to operation 76.46.03.

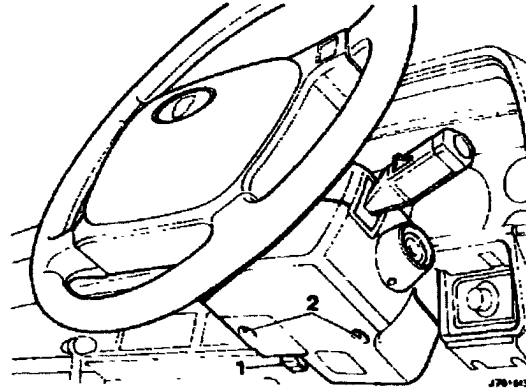


Fig. 1

STEERING COLUMN LOWER COWL**RENEW** 76.46.03

Release the column tilt lever (1 Fig. 2) and tilt the column fully upwards.

Undo the ignition lock escutcheon securing screw and remove the escutcheon (2 Fig. 2).
Undo and remove the lower cowl securing screws (3 Fig. 2).

Remove the cowl.

Locate the cowl on to the steering column and fix it in position with the lower cowl securing screws (3 Fig. 2) which should be firmly tightened.

Locate the ignition lock escutcheon (2 Fig. 2) into position and fix it by firmly tightening the ignition lock escutcheon securing screw.

Release the column tilt lever (1 Fig. 2) and tilt the column to the desired position.

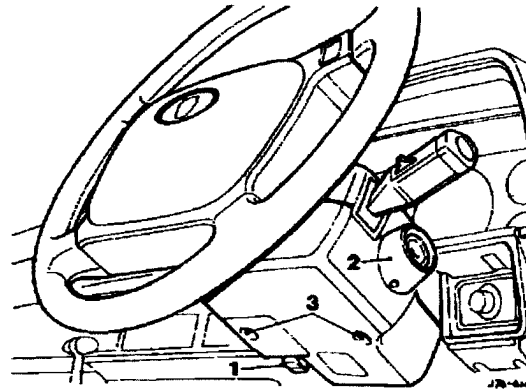


Fig. 2

DOOR TRIM PAD VENEER PANEL**RENEW** 76.47.11

Remove the door trim pad. Refer to operation 76.34.01.

Place the trim pad face downwards and undo the screws (1 Fig. 3) which secure the veneer panel to the trim pad.

Remove the trim pad and place aside.

Position the veneer panel to the trim pad so that the screw holes are aligned.

Fix the veneer panel firmly on to the trim pad with the securing screws (1 Fig. 3).

Fit the door trim pad. Refer to operation 76.34.01.

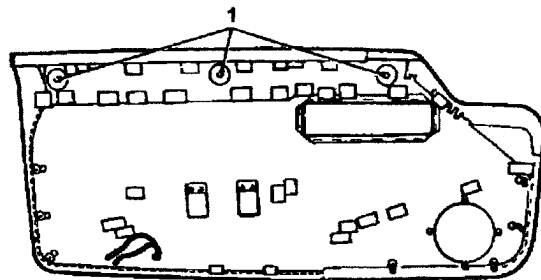
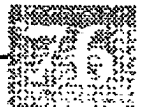


Fig. 3





DASH LINER - PASSENGERS SIDE

RENEW 76.46.15

Open the door.
Remove the fuse indicator panel from the liner.
Remove the dash liner screws (1 Fig. 1)
Remove the liner (2 Fig. 1).

Place the new liner into position.
Align the screw holes and fit and tighten the liner securing screws.
Fit the fuse indicator panel to the liner.
Close the door.

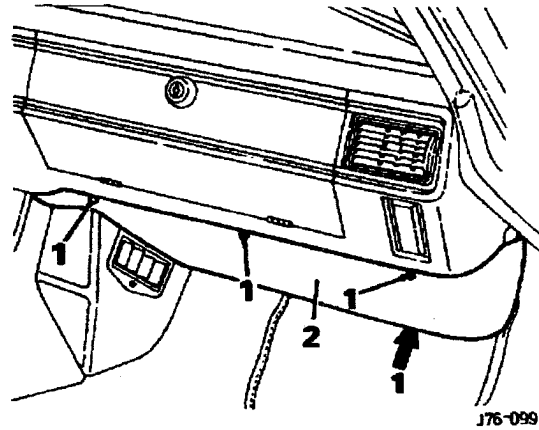


Fig. 1

DASH LINER - DRIVERS SIDE

RENEW 76.46.11

Open the door.
Remove the dash liner fastener (1 Fig. 2).
Pivot the liner down from the fascia underframe and remove the liner 'P' clip securing nut.
Displace the 'P' clip from the underframe.
Remove the liner and place it onto a bench.
Remove the liner mounting clips securing nuts and remove the mounting clips.
Remove the 'P' clips.

Fit the 'P' clip to the new liner mounting stud and fit the mounting clips to the liner.
Fit but do not fully tighten the clips securing nuts.
Fit the liner assembly to the underframe and align the liner to the remaining trim.
Pivot the liner down from the fascia underframe and fully tighten the clips securing nuts.
Position the 'P' clip to the underframe and tighten the securing nut.
Pivot the liner to engage the underframe and secure the fastener.
Close the door.

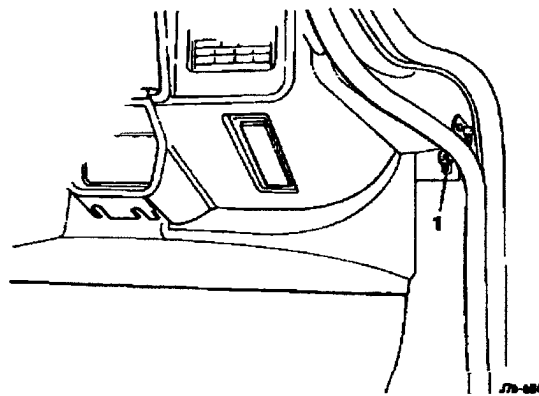


Fig. 2

RADIATOR GRILLE

RENEW 76.55.03

Undo and remove the three screws which secure the grille to the bonnet (1 Fig. 3).
Undo and remove the two screws which secure the grille to the hinge bracket (2 Fig. 3).
Remove the grille.

Fit the grille to the vehicle and firmly fix into position with the securing screws.

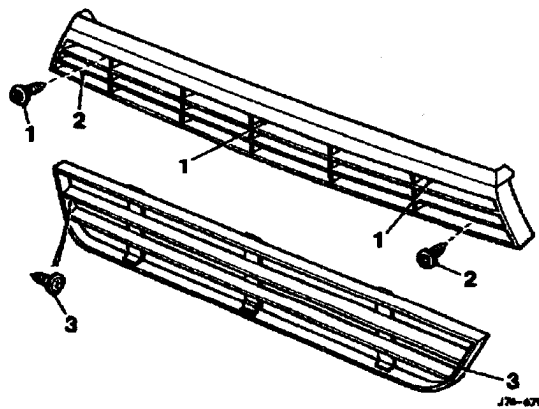
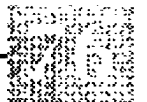


Fig. 3

RADIATOR LOWER GRILLE PANEL

RENEW 76.55.06

Drive the car on to a ramp and raise the ramp.
Undo the two screws (3 Fig. 3) which secure the grille to the panel.





INSTRUMENT PANEL MODULE

RENEW

88.20.01

Disconnect the battery earth cable.
Position the tilt steering column to the lowest position.

Remove the instrument panel finishers' securing screws and remove the central and side finishers (1 Fig. 1).

Remove the instrument panel to fascia securing screw cover plates and remove the screws securing the instrument panel to the fascia (2 Fig. 1).

Ease the instrument panel forward for access and disconnect the multiplugs.

Remove the instrument panel.

Note: To minimize the risk of damage and contamination, all repairs conducted on the Instrument Pack should be performed in a non-static dust free environment.

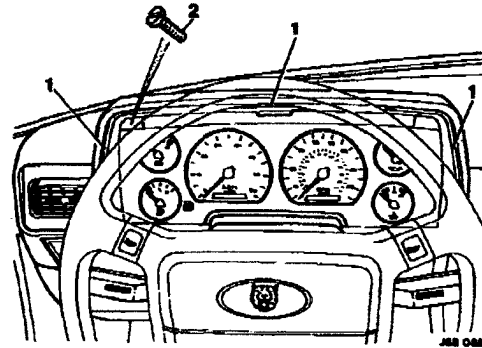


Fig. 1

Position the new instrument panel adjacent to the mounting position and connect the multiplugs.
Fully seat the instrument panel.

Fit and tighten the instrument panel to the fascia and secure the screws.

Fit the securing screw finishers.

Position and fit the side and central finishers and secure the screws.

Reposition the steering column to the original position.

Reconnect the battery earth cable.

INSTRUMENT PRINTED CIRCUIT

RENEW

88.20.19

Disconnect the battery earth lead.
Position the tilt steering column to the lowest position.

Remove the instrument panel finishers' securing screws and remove the central and side finishers (1 Fig. 1).

Remove the instrument panel to fascia securing screw cover plates and remove the screws securing the instrument panel to the fascia (2 Fig. 1).

Ease the instrument panel forward for access and disconnect the multiplugs.

Remove the instrument panel.

Note: To minimize the risk of damage and contamination, all repairs conducted on the Instrument Pack should be performed in a non-static dust free environment.

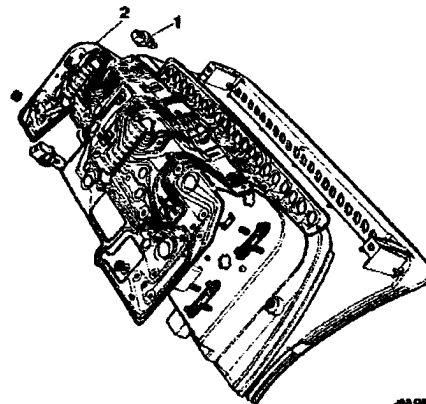


Fig. 2

Place a protective cover on a workbench and position the instrument panel down onto the cover.

Remove the panel illumination bulbs (1 Fig. 2).

Remove the printed circuit securing nut rubber covers.