

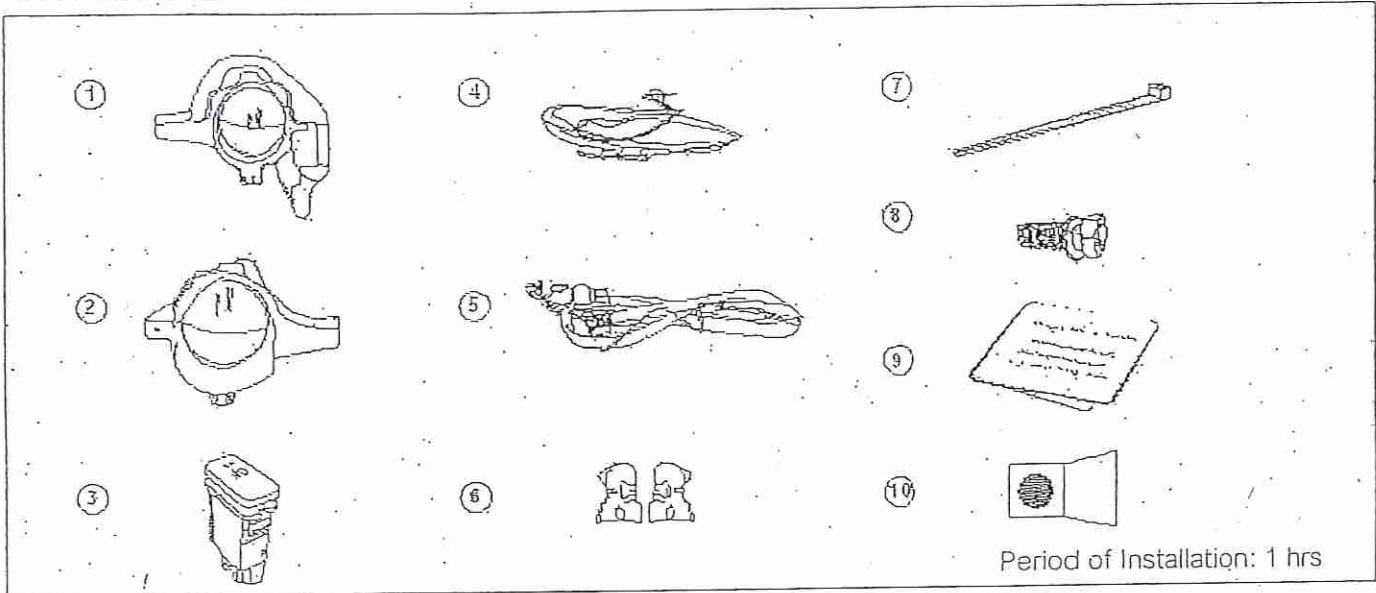
INSTALLATION MANUAL

FOG LAMP

Thank you for your purchase of Toyota genuine "Fog Lamp". This manual explains the procedure for installation "Fog Lamp". Please carefully read this manual before installation to ensure the correct installation.

Part No.	Model
PZ060-0K003	KUNxxR / TGNxxR

COMPONENT PARTS



No.	Part Name	Q'ty
1	Front Fog Lamp RH	1
2	Front Fog Lamp LH	1
3	Fog Lamp Switch	1
4	Wire Harness (Passenger room)	1
5	Wire Harness (Engine room)	1
6	Retainer Bracket	2
7	Cable Tie	15
8	Bolt M6 X 16 mm.	4
9	Installation Manual	1
10	Sealant	1

Required Tools for Installation

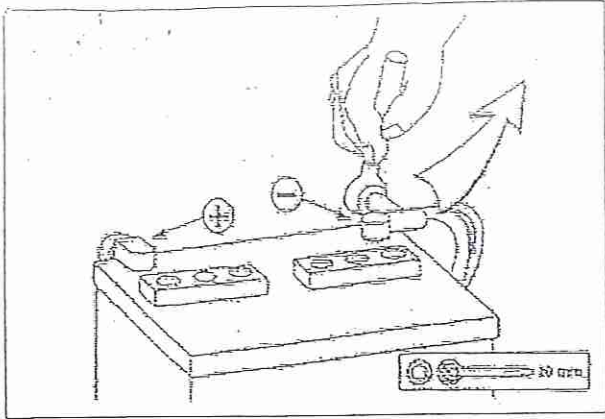
1. Cutter (Pliers for cutting grommet)
2. Screw Driver (+, -)
3. Electrical Driller
4. Driller 3 mm. and 6 mm.
5. Socket Driver 10 mm.
6. Rivet Gun



TOYOTA DAIHATSU ENGINEERING AND MANUFACTURING Co., LTD

Fog Lamp Wire Harness Installation

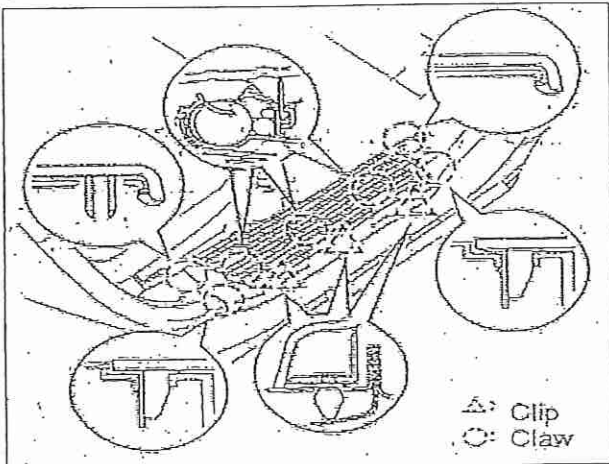
1. Before installation, check all vehicle electrical equipments and parts if it is normal operation, then disconnect the negative pole (-) of battery.



2. Remove Front Door Scuff Plate RH
 - 2.1 Using a screw driver, disengage the 8 claws.

Hint: Tape the screw driver tip before use.

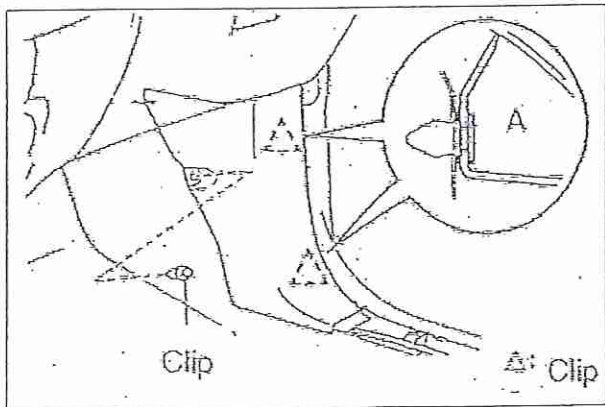
- 2.2 Using a clip remover, disengage the 4 clips and remove the scuff plate.



3. Remove Cowl Side Trim Board RH

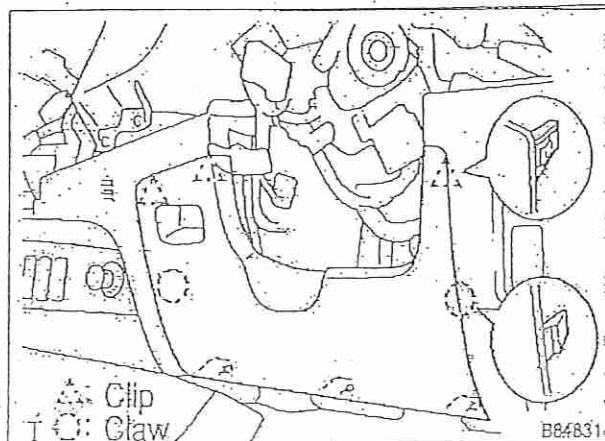
3.1 Remove plastic nut.

- 3.2 Using a clip remover, disengage the 2 clips labeled A and remove the trim board.



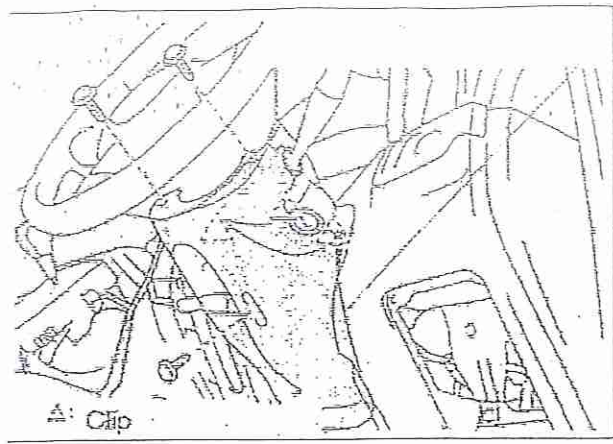
4. Remove Instrument Panel Finish Panel Sub-Assy Lower

- 4.1 Disengage the 2 claws and 3 clips and remove the instrument panel finish panel.

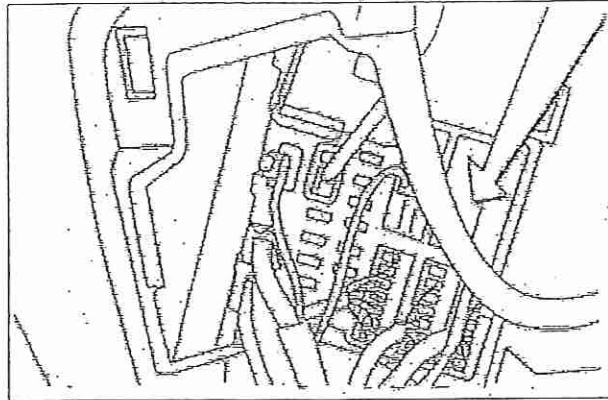


5. Remove Steering Column Cover Lower

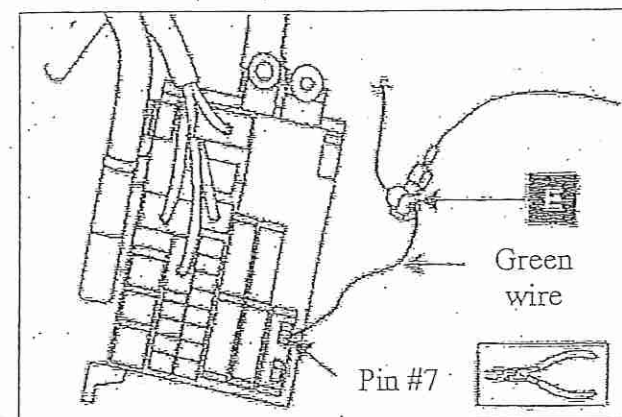
5.1 Remove 3 screws and disengage the 3 clips and remove the steering column cover lower.



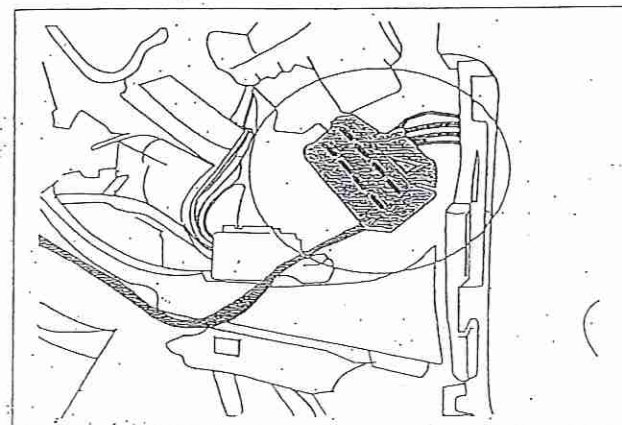
6. Find the I/P Junction Panel Box located inside Finish Panel Sub-Assy Lower and 14-pin white connector on the right corner of the I/P Junction Panel Box.

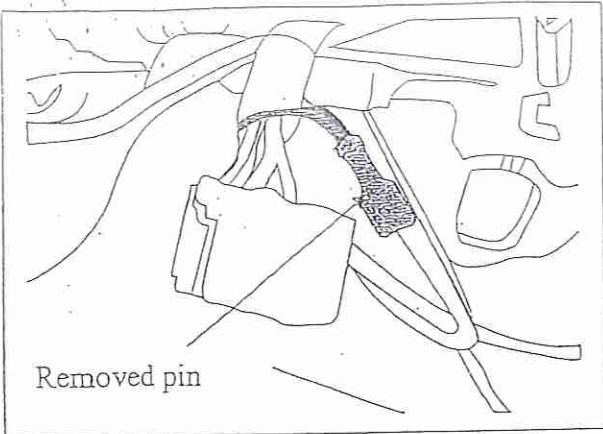


7. Find the black — blue wire in Pin #6 from the 14-pin white connector as shown and apply red T-tap connector to the black — blue wire about one inch from connector with pliers.

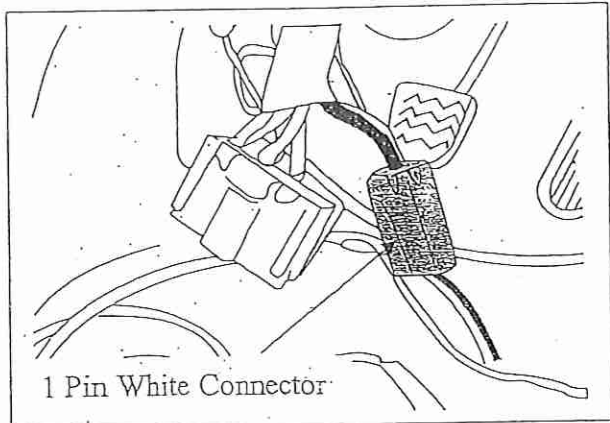


8. Disconnect the 8 Pin white connector (female) at the key switch position.

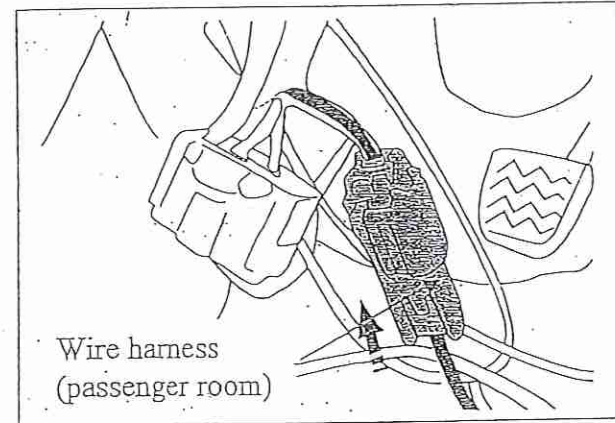




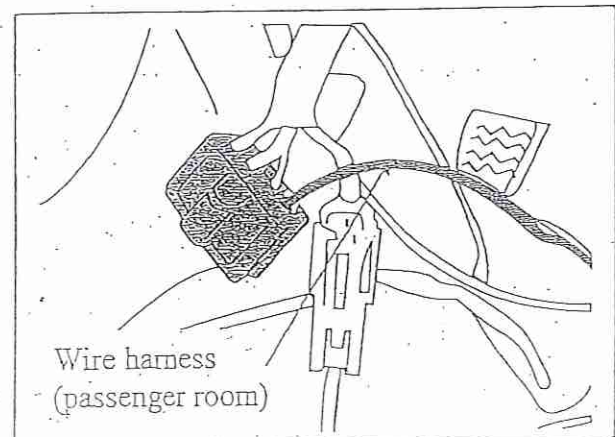
9. Remove pin no. 4 (the black-red wire) of the 8 pin connector.



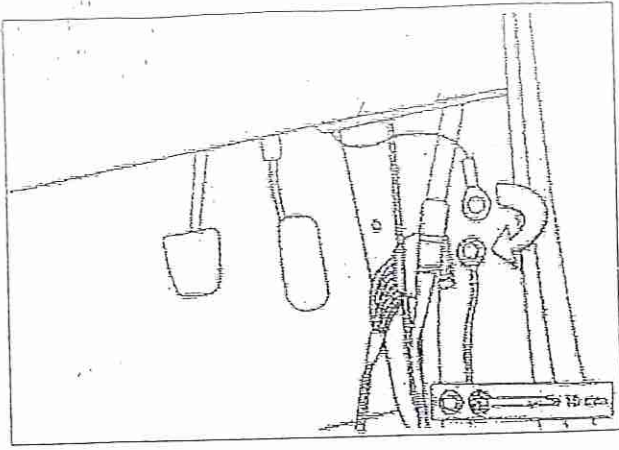
10. Insert the removed pin into the 1 pin white connector (female) of the fog lamp kit.



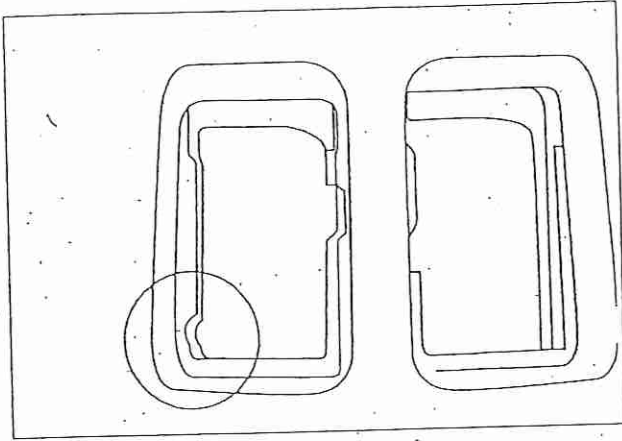
11. Then, connect the 1 pin white connector (female) to the 1 pin white connector (male) of the fog lamp wire harness.



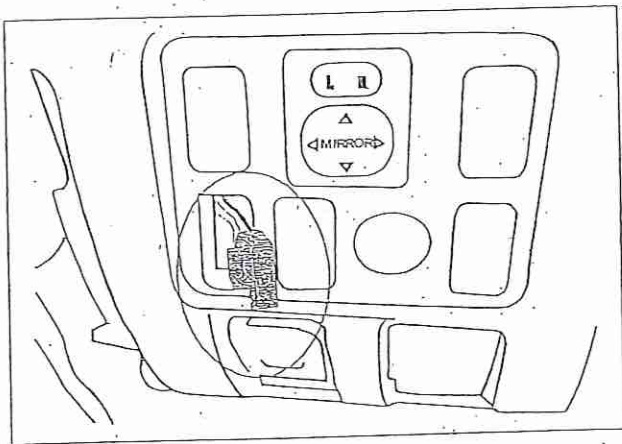
12. Insert the pin of the fog lamp wire harness (the black-red wire) to the disconnected 8 pin white connector at pin no. 4. Then reconnect the 8 pin white connector to the original position.



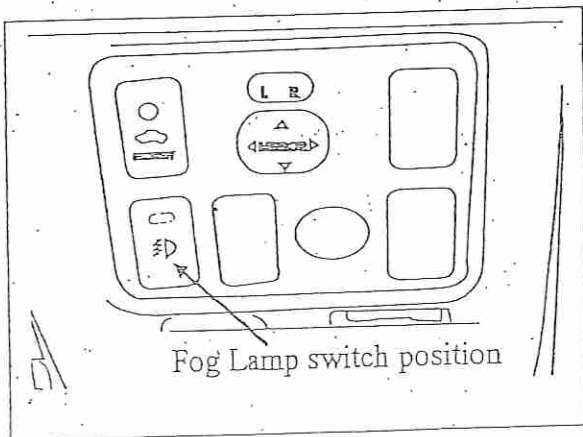
13. Remove 10 mm head bolt from the ground point at lower right cowl area and find the mirror harness with ground lug. Attach the ground lug with the removed head bolt and tighten to the weld nut (original position).



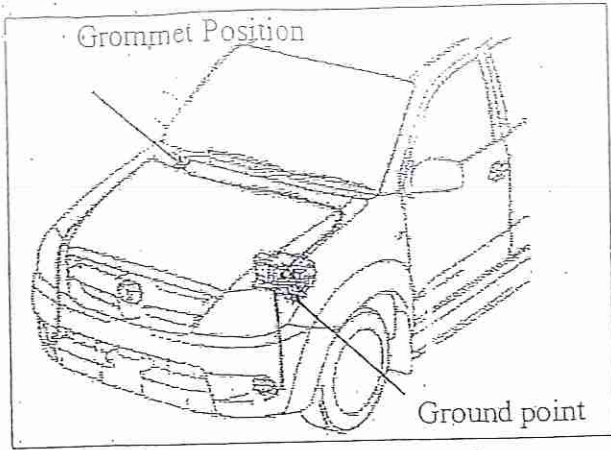
14. Trim out the edge of spare socket at the left lower corner to be same as the left upper corner.



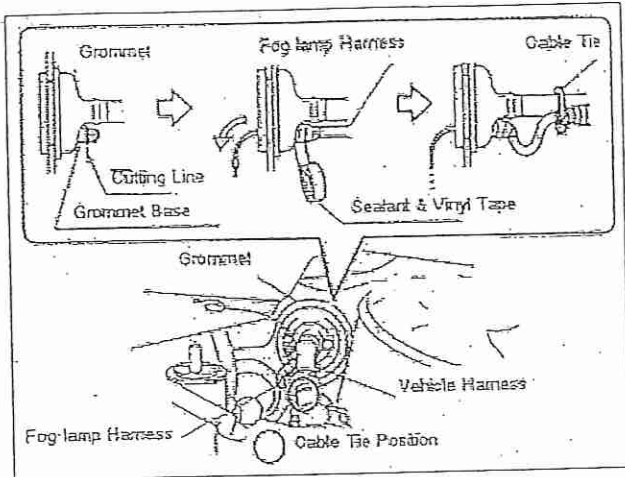
15. Route the fog lamp wire harness with the fog lamp switch to the spare socket at the position as shown.



16. Connect the connector to the fog lamp switch and install at such spare socket as picture.



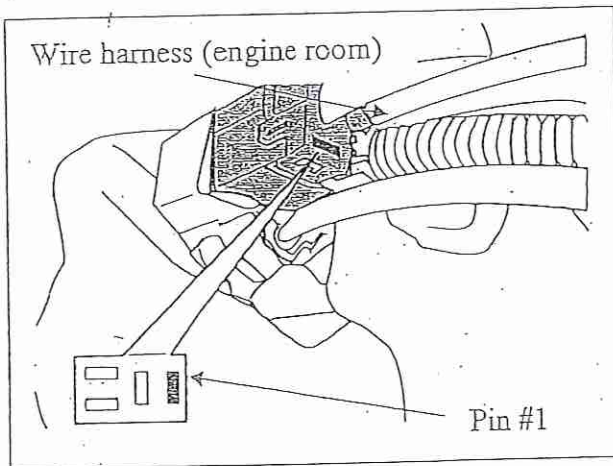
17. Route the fog lamp wire harness in engine room along to vehicle wire harness through front right and left fog lamp position. Find the vehicle ground position near battery package and route the wire harness with lug and tighten the lug to the vehicle ground with original bolt, and find the grommet position at the fire wall of engine room for routing the wire harness into the passenger room.



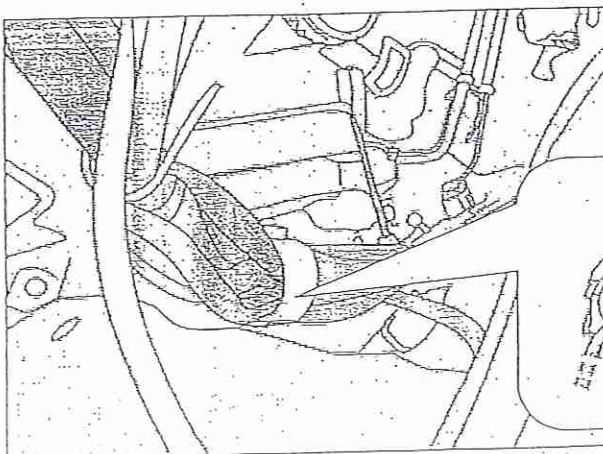
18. Cut the grommet on marking point with cutting pliers and route the fog lamp wire harness (red-white wire with relay pin) through cut grommet into passenger room. Then seal the grommet with sealant and vinyl tape.

Caution

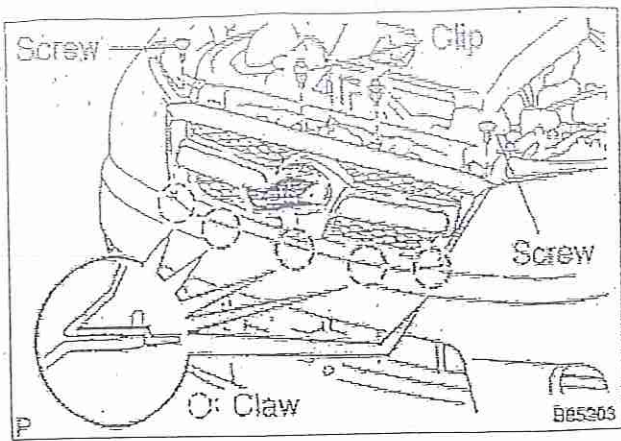
It is necessary to ensure sealing in good condition and fix harness downward a bit. Otherwise, water may come in the passenger room.



19. Find the red-white wire of the fog lamp wire harness routing from the engine room, then insert to the pin#1 position of relay (the empty pin).

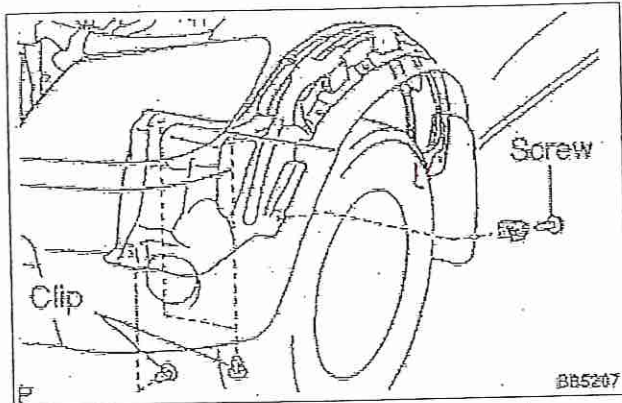


20. Fix the fog lamp wire harness along to vehicle harness with vehicle clamp.

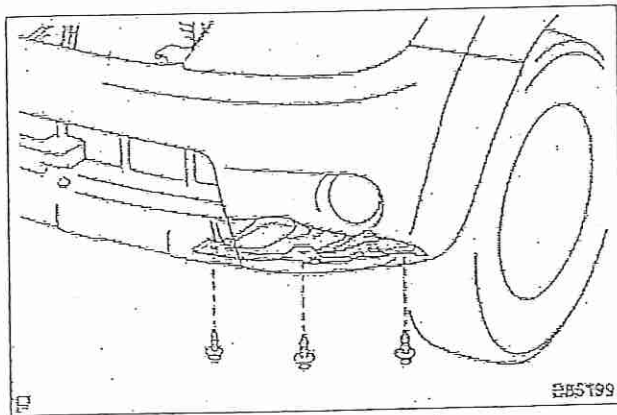


Fog Lamp Installation Procedure:

1. Remove Radiator Grille.
 - 1.1 Using a clip remover, remove the 2 clips.
 - 1.2 Remove the 2 screws.
 - 1.3 Pull the radiator grille in the direction indicated by the arrow in the illustration to disengage the 5 claws. Then, remove the radiator grille.



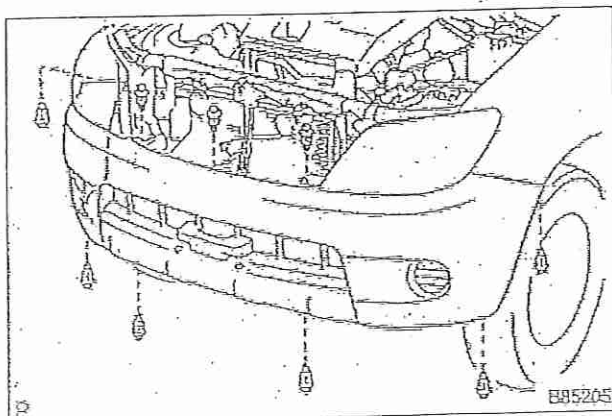
2. Remove Front Fender Liner LH.
 - 2.1 Remove the 1 screw.
 - 2.2 Using a clip remover, remove the 3 clips.
 - 2.3 Partially remove the fender liner.



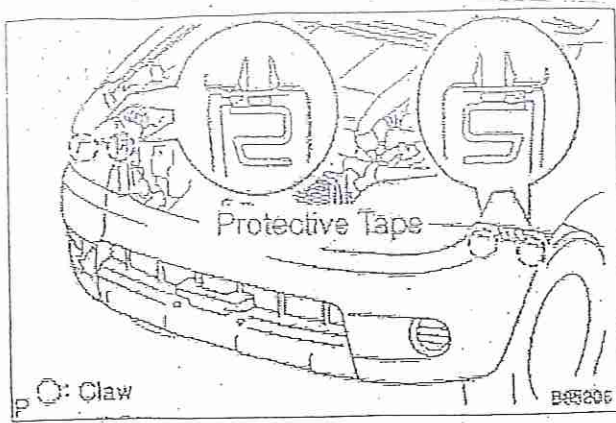
3. For 4WD: Remove Engine Side Cover LH
 - 3.1 Remove the 3 bolts.
 - 3.2 Partially remove the engine side cover.

Remark

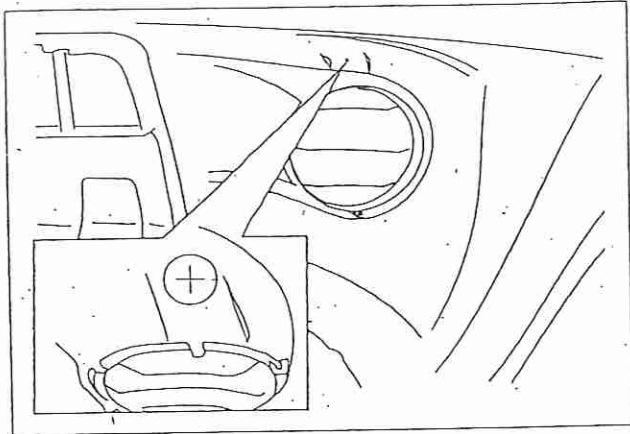
It is necessary to fully remove the engine side cover. Partially remove it so that the bumper cover can be removed.



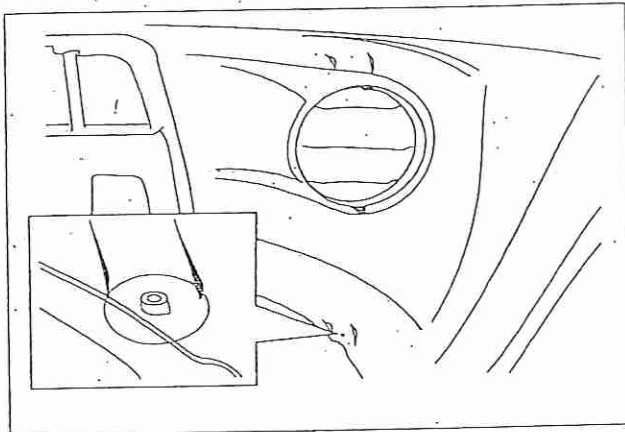
4. Remove Front Bumper Cover
 - 4.1 Using a clip remover, remove the 9 clips.



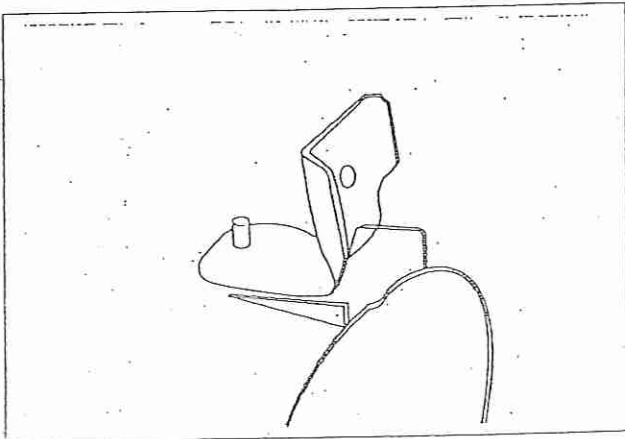
- 4.2 Put protective tape under the front fender.
- 4.3 Using screwdriver, disengage the 3 claws and remove the cover.



- 5. Drill hole 3 mm. at the marking position on front bumper at the upper position of fog lamp crucible as shown picture.



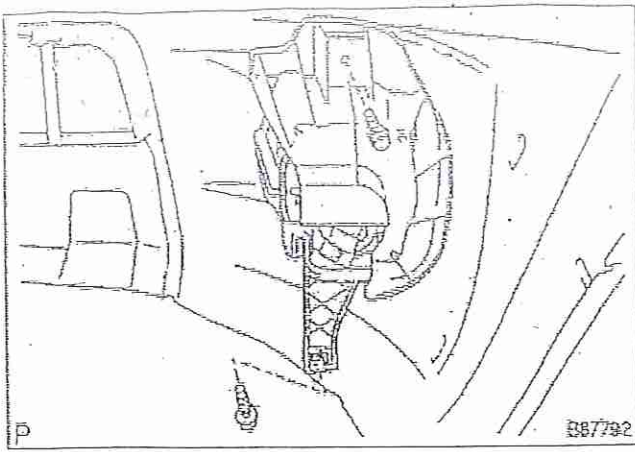
- 6. Drill hole 6 mm. at the marking position on front bumper at the lower position of fog lamp crucible as shown picture.



- 7. Fix retainer bracket with the front bumper with rivet pin by rivet gun. And trim the fog lamp crucible with cutter.

Remark

Smoothen the cutting edge with file before fitting the fog lamp.



8. Tighten the 2 bolts at the fog lamp to the front bumper.

Remark

Using the same procedures described for the LH side.

9. Reinstall the front fog lamp to the original position and connect the connector to both right and left front fog lamp.

Testing after Installation

1. Reconnect the vehicle's negative battery cable.
2. Test on-off the fog lamp switch whether it can work in normal condition or not by switch on the illumination (tail) lamp first.

Remark

If you do not switch on the illumination (tail) lamp the fog lamp will not work.

3. After the operation of the fog lamp works, reinstall all components back to the original position for proper fit and function, and fix the wire harness along to vehicle harness with cable tie.

Remark

Please fix the fog lamp wire harness with cable tie by arranging the length of cable tie within 20-30 cm.

4. Ensure testing all vehicle function and fog lamp operation again before delivery to customer.