

INSTALLATION INSTRUCTIONS

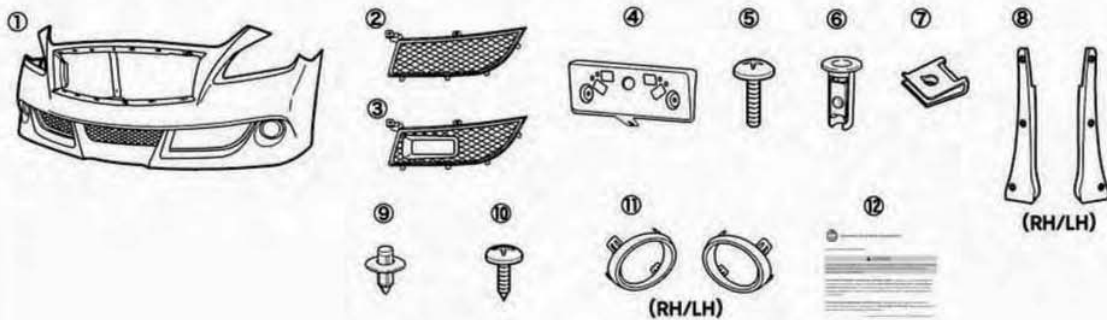
1. DESCRIPTION: Front Aero Bumper

2. APPLICATION: Q70

3. PART NUMBER: K6020 1MAxx

4. KIT CONTENTS:

Item	Qty	Part Name
①	1	Front Aero Bumper
②	1	Lwer Grille LH A
③	1	Lwer Grille LH B
④	1	License Plete Bracket
⑤	2	Bolt
⑥	2	Screw Grommet
⑦	4	Spring Nut
⑧	1each	End Cap (RH/LH)
⑨	6	Clip
⑩	4	Tapping Screw
⑪	1each	Fog Lump Finisher (RH/LH)
⑫	1	Installation Instruction Replacement Template



5. TOOLS REQUIRED:

1. Drill
2. Drill Bit (3 mm (1/8"), 6 mm (15/64"), 10 mm (25/64"), 20 mm (3/4"))
3. Box Wrench (10 mm (25/64"))
4. Long-nose Pliers
5. Phillips Head Screwdriver
6. Clip Remover
7. Cutter
8. Awl
9. Scissors
10. Masking Tape
11. Protective Eyewear
12. Nipper

INSTALLATION INSTRUCTIONS - FRONT AERO BUMPER

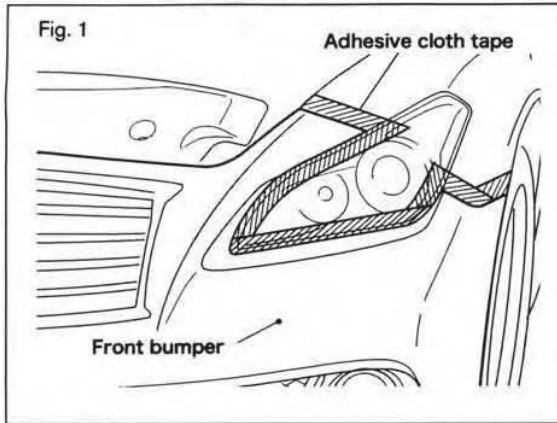
6. PRE - INSTALLATION NOTE:

- These instructions are for the left side of the vehicle; the same procedure applies to the right side.
- For the right side installation, use the template with the text facing the vehicle.

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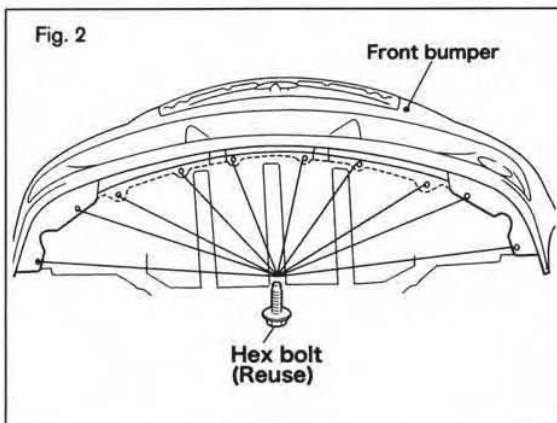
7. INSTALLATION PROCEDURE:

1. Preparation for the front bumper removal

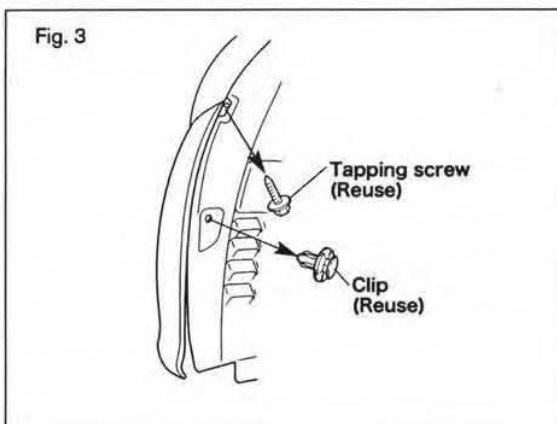


- 1) Open the front hood and remove the battery's negative(-)terminal.
- 2) To prevent scratches, protect the vehicle by applying masking tape. See Fig. 1.

2. Vehicle part removal



- 1) Remove the hexbolts that hold the Front bumper to the under cover (5 locations on each side). See Fig. 2.

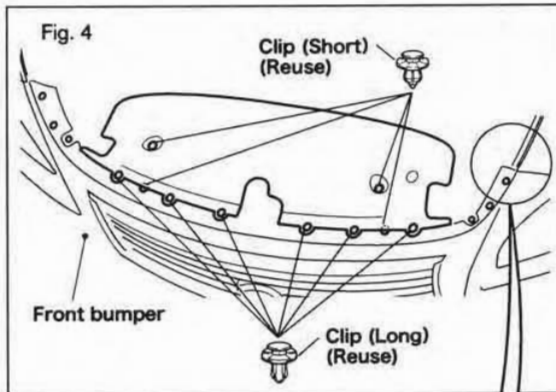


- 2) Remove the clip that holds the fender protector to the fender (1 location on each side) to pull the fender protector. See Fig. 3.
- 3) Remove the tapping screw inside the wheel arch (1 location on each side). See Fig. 3.

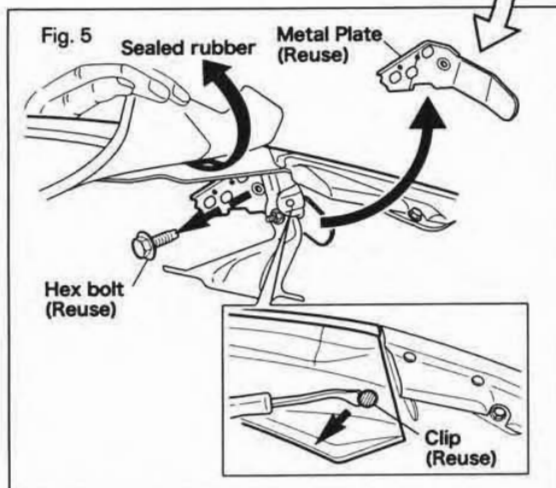
NOTE

Be careful not to lose or damage the parts that will be reused.

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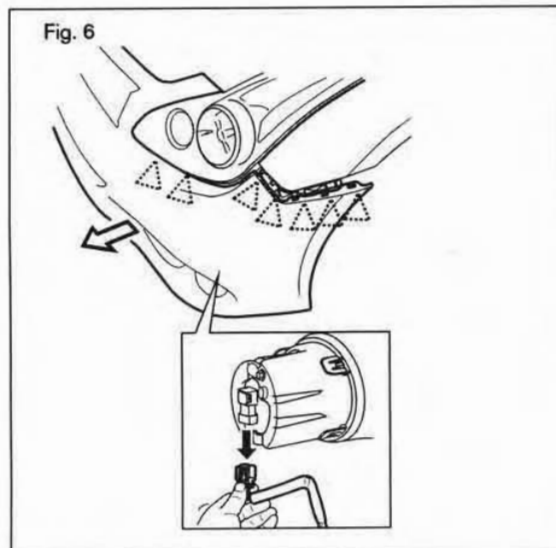
- 4) Remove the clips that mount the upper side of the bumper to the radiator-upper cover (12 locations). See Fig. 4.



- 5) Remove the hex bolt that seats between the radiator grille and the headlamp to pull the metal plate (hex bolt, 1 location on each side; metal plate, 1 location on each side). See Fig. 5.

NOTE

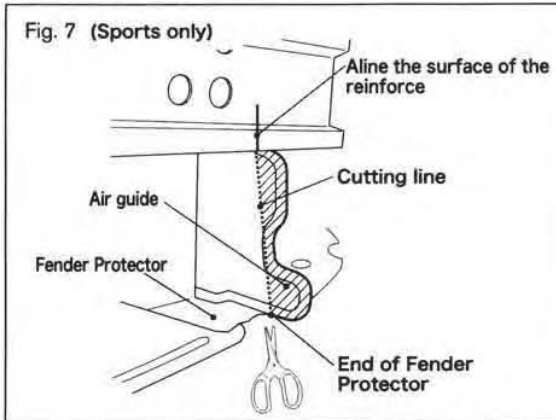
Be careful not to lose or damage the clips, hex bolts and metal plates that will be reused.



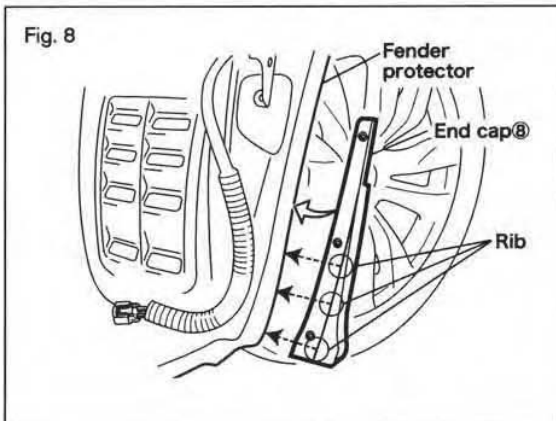
- 6) Pull and detach the front bumper from the claws under the fender and the headlamp (Δ locations on Fig.6). Remove fog lamp connector from the front bumper.

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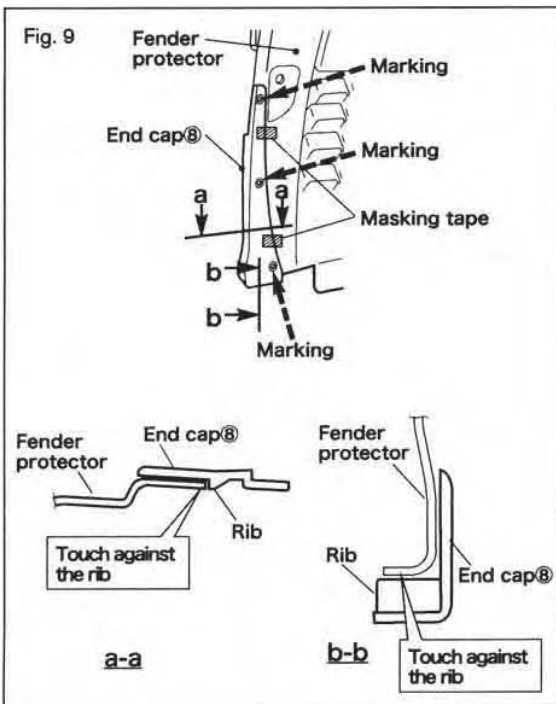
3. Vehicle part adjustment



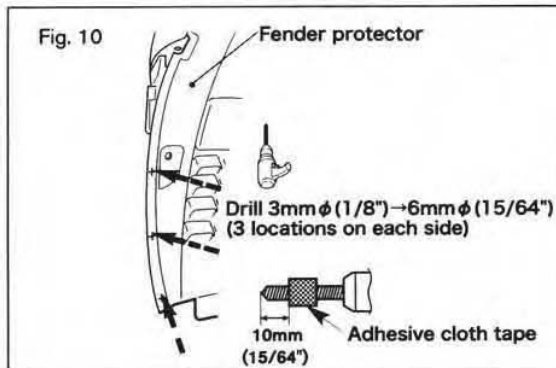
- Cutting the air guide LH (sport only)
- 1) Detach the energy absorber from the reinforcement.
- 2) Position the cutting line by using a masking tape, etc. and cut the front part of the air guide LH along the line by using scissors. See Fig. 7.
- 3) Remove burrs remaining around the cut line.
- 4) Mount the energy absorber back to the reinforcement.



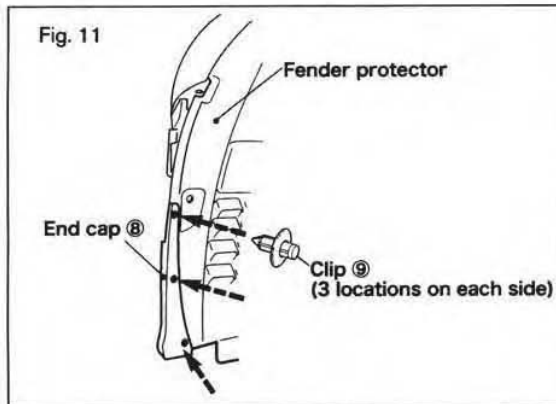
- Install End Cap
- 5) Turn tires
- 6) Temporarily attach the end cap ⑧ by using masking tape in line with the shape of the fender protector. See Fig. 8 and Fig. 9, a-a, b-b.
- 7) Put a marking with an awl at the hole center part of the end cap ⑧ (3 locations on each side). See Fig. 9.
- 8) Remove the End cap ⑧.



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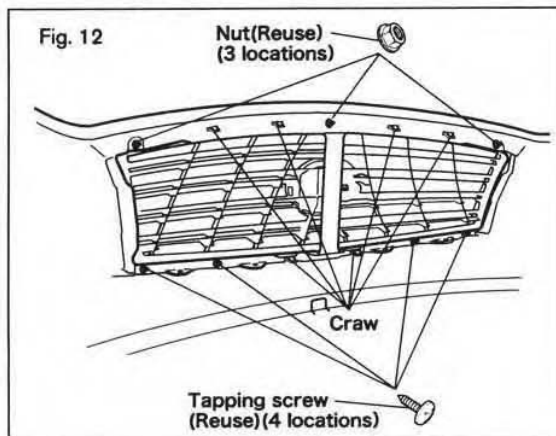


- 9) Drill holes locations marking in step 8) (3 locations on each side; 3 mm ϕ (1/8") pilot holes and 6mm ϕ (15/64") holes). See Fig. 10.
- 10) Remove burrs remaining around the holes.

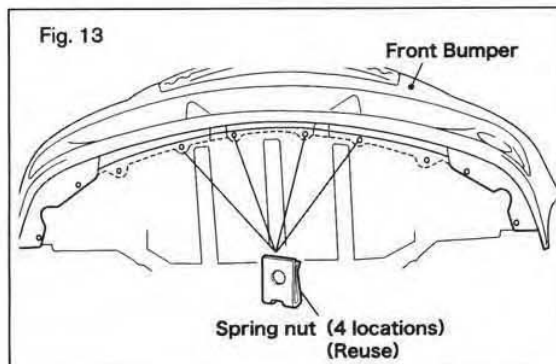


- 11) Mount the end cap LH ⑧ and secure it to the fender protector by using the clips ⑨. See Fig. 11.

4. Front bumper part removal

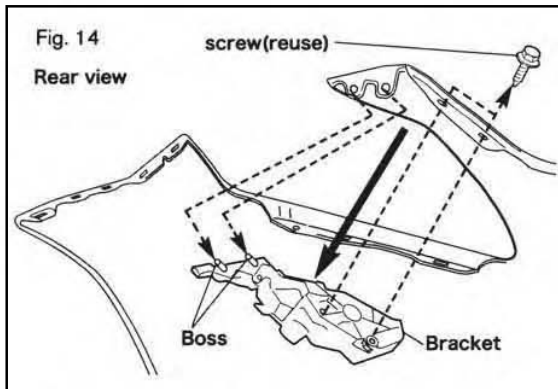


- 1) Remove the nuts and tapping screw on the detached front bumper and detach the radiator grille from the claws. See Fig.12.

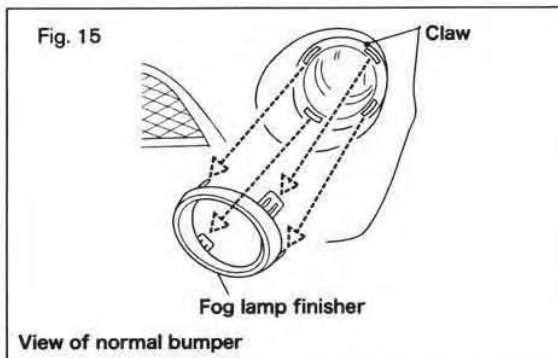


- 2) Remove the spring nuts from the underside of the bumper(4 locations). See Fig.13.

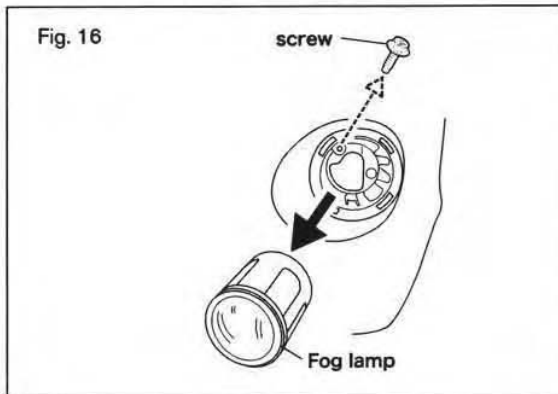
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- 3) Disengage the screw on the upper side of the bumper(2 locations)to remove the bracket. See Fig.14.



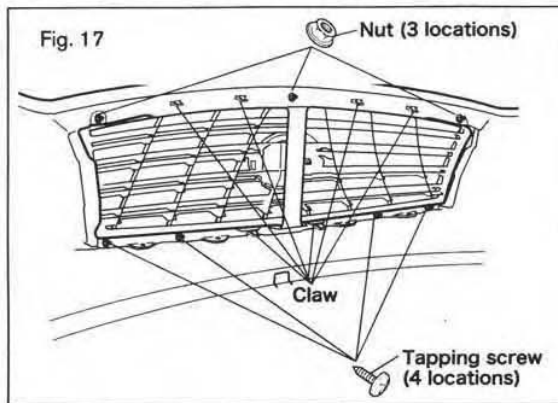
- 4) Detach the claws, and then remove the fog lamp finisher. See Fig.15.



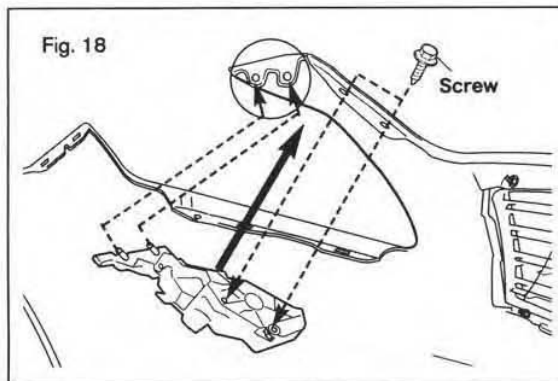
- 5) Remove the hex bolt (1 location on each side), detach the claw, and then remove the fog lamp. See Fig.16.

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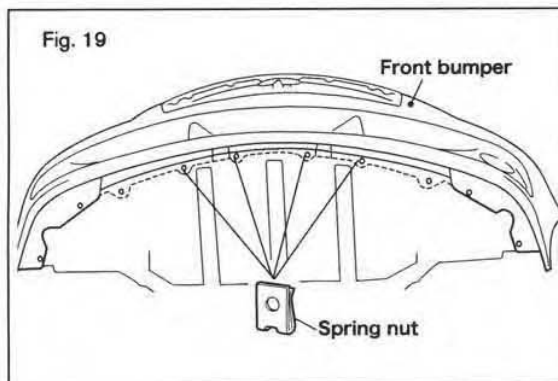
5. Preparation for the Front Aero Bumper ① installation



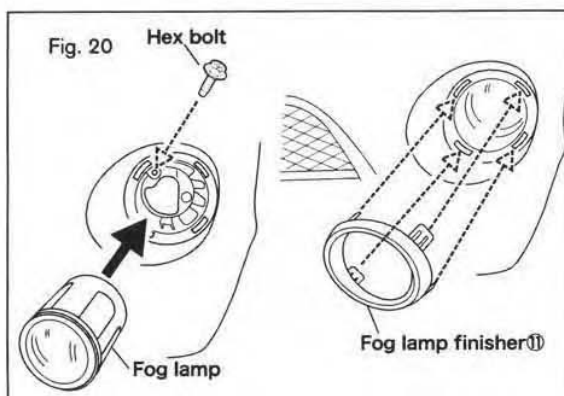
- 1) Reinstall the radiator grille detached in step 4.-1) to the Front Aero Bumper ① with the claws engaged, secure it with the nuts and tapping screw. See Fig.17.



- 2) Reinstall the bracket detached in step 4.-3) to the upper side of the Front Aero Bumper ① by using screw (2 locations on each side). See Fig.18.



- 3) Reattach the spring nuts detached in step 4.-2) to the under side of the Front Aero Bumper ① (4 locations). See Fig.19.



- 4) Reinstall Fog lamp detached in step 4.-5) to the Front Aero Bumper ① with the Hex bolt. See Fig.20.
- 5) Install Fog lamp finisher ⑩ by claw. See Fig.20.