

Chapter 9 Engine Hood and Luggage Compartment

Removal of the engine hood

1. Loosen four fixed bolts and lift the engine hood.



2. Unclench the engine hood rod.



3. Loosen two fixed bolts to take out the upper lock.



4. Loosen two fixed bolts to take out the lower lock.



5. Loosen the engine hood cable.



6. Adjust left and right engine hood bolts to ensure normal gap.



Remove the engine hood hinge

1. Remove the fender (refer to “Remove Fender”)
2. Loosen four fixed bolts both left and right to take out the engine hood hinge.



Replace the engine hood support

1. Take the support out of engine hood

Screw out bolts, and get the support out of engine hood.

Note: Push against the engine hood with hand, and take the support out.

2. Remove the engine hood support from the body

Screw out bolts to take the support out.

3. Replace the engine hood support

Note: Be careful when operating the absorber!

(1) There is compressed air in the absorber cylinder. Do not disassemble absorber.

(2) If replace the absorber, drill a small hole with diameter of 2.0-3.0 mm (0.079-0.118 inch) on the cylinder shell to fully release compressure, then abandon it .

(3) Be careful of sputtering iron scrap when drilling the hole.

(4) Air in the cylinder is colorless, smell-less, and nontoxic.

(5) Deal with absorber carefully. Do not drop paint or oil onto the piston rod.

(6) When the absorber fully extrudes, do not turn the piston rod or cylinder.

4. Install the engine hood support

Fix the engine hood support.

Torque: 22 Newton-meter (225 kg-cm, 16 pound-foot)

Adjust the engine hood

Loosen the hinge bolts, and adjust the engine hood in forward, backward and vertical directions.

Torque: 11.5 Newton-meter (115 kg-cm, 8.3 pound-feet)

Install the hood lock control assembly

1. Apply grease on the lock before parts installation.

Lay multifunctional grease on the sliding surface.

2. Install control cable of engine hood lock.

Note: Wrap the screwdriver end with adhesive tape before installation.

Prevent the screwdriver from damage the rubber seal.

- (1) Push the back end of control wire through rubber seal.
- (2) Push control cable block into rubber seal with screwdriver.
- (3) Clench the front end of control cable onto connection box.
- (4) Put the front end of control wire through the upper support of radiator.

3. Install the unfastening handle of engine hood lock

4. Check the performance of engine hood lock

Check the engine hood lock to ensure it works well. Then fasten nuts and bolts to fix the lock.

5. Install the following parts:

- (1) Head lamps
- (2) Front light shield
- (3) Front fender lining
- (4) Front fender fillet
- (5) Radiator support cover
- (6) Lower cover board of engine

Remove the Luggage Compartment

1. Loosen 5 bolts on the left lining board and take them out.



2. Disconnect the trunk cable set and loosen wiper pipe.



3. Hold the trunk and unfasten 4 fixed bolts on the hinge.



4. Remove hydraulic rod and take out luggage compartment assembly.



Remove the lock assembly(mechanical)

1. Detach the connectors.
2. Unfasten 2 fixed bolts and take out the lock.



Remove the lock assembly(electric)

1. Detach the connectors.



2. Unfasten 3 fixed bolts to take out the lock, and disconnect the motor wire.



Remove the electric switch

(1) Unfasten fixed bolts of the trunk.



(2) Detach the connecting rod on the lock switch of trunk.



(3) Unfasten 2 fixed bolts on the trunk lock.

(4) Take out the lock assembly.



Adjust the trunk door

1. Adjust the trunk door

(1) Loosen bolts, and adjust the door in forward/backward, and left/right directions.

(2) Increase or decrease the amount of washers between hinge and trunk door to adjust the front end in upward or downward directions.

Torque: 11.5 Newton-meter (115 kg-cm, 8.3 pound-foot)

2. Adjust the lock crossbar

Gently knock the crossbar with hammer or bronze bar for adjustment.

Torque: 5.4 N.m (55 kg-cm, 48 pound-inch)

Replace the trunk door support

1. Remove the trunk door support

(1) Unfasten the support bolts out of trunk door hinge.

(2) Turn the back end of the support downward, and take the support out of bracket.

2. Replace the trunk door support

Note: Be careful of when operating the support.

(1) There is compressed air in the support cylinder. Do not disassemble the support.

(2) If the support is to be replaced, drill a small hole with diameter of 2.0-3.0 mm (0.079-0.118 inch) on the shadow area of cylinder to fully release compressure, then abandon it.

- (3) Be careful of sputtering iron scrap when drilling the hole.
- (4) Air in the cylinder is colorless, smell-less, and nontoxic
- (5) Deal with the support carefully. Do not drop paint or oil on it.
- (6) When the support fully extrudes, do not turn the piston rod or cylinder.

3. Install the trunk door support

- (1) Apply adhesive agent on the bolts.
- (2) Install the trunk door support.

Torque: 22 N.m(225 kg-cm, 16 pound-foot).