

AIR INTAKE SYSTEM

AIR CLEANER

REMOVAL

REMOVAL

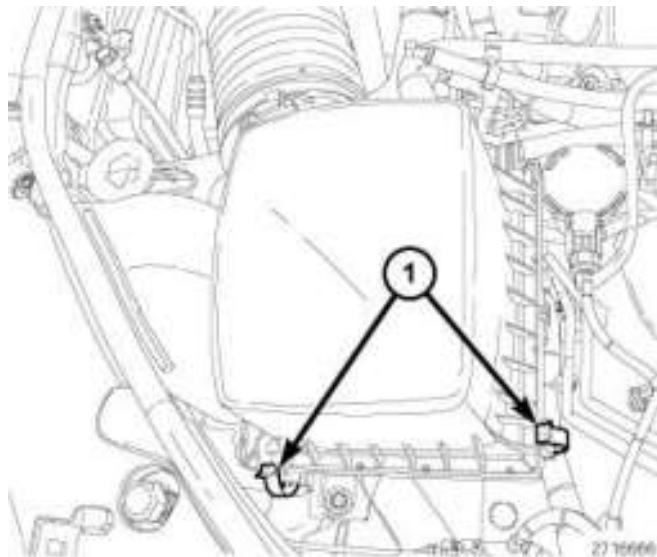


Fig. 103: Air Cleaner Housing Cover Latches
Courtesy of CHRYSLER GROUP, LLC

1. Release the air cleaner housing cover latches (1).

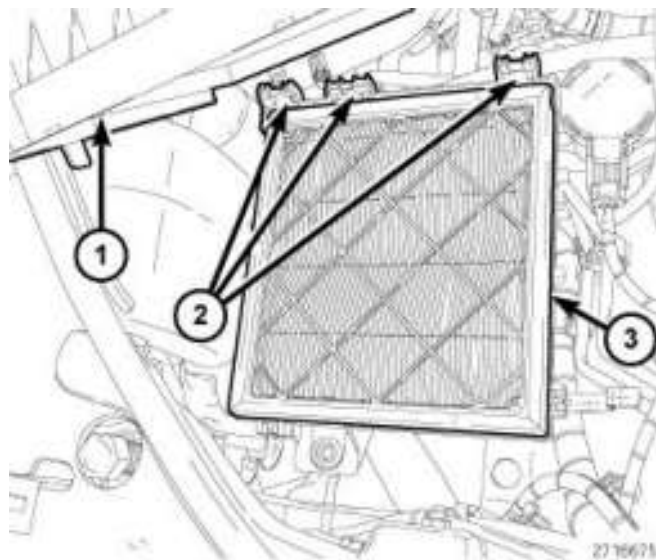


Fig. 104: Air Cleaner Housing Cover, Tabs & Air Cleaner Element
Courtesy of CHRYSLER GROUP, LLC

2. Lift the cover (1) and release the cover to housing alignment tabs (2).
3. Remove the air cleaner element (3).

CAUTION: Do not use compressed air to clean out the air cleaner housing without first covering the air inlet to the throttle body. Dirt or foreign objects could enter the intake manifold causing engine damage.

4. Remove any dirt or debris from the bottom of the air cleaner housing.

INSTALLATION

INSTALLATION

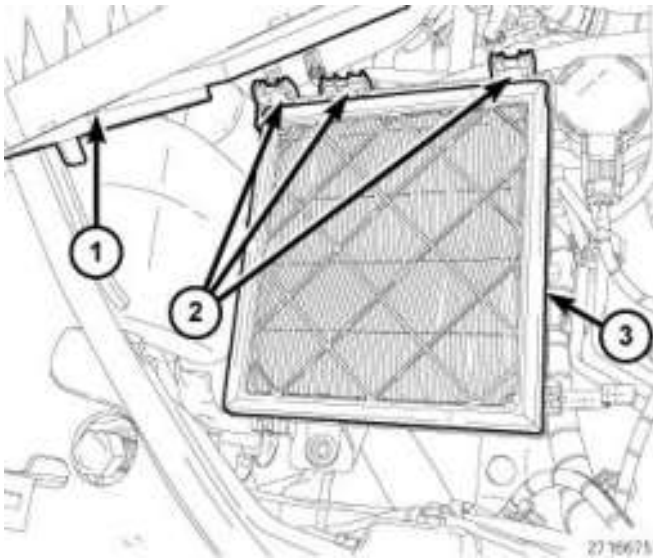


Fig. 105: Air Cleaner Housing Cover, Tabs & Air Cleaner Element
Courtesy of CHRYSLER GROUP, LLC

1. Install the air cleaner element (3) into the air cleaner housing.
2. Position the cover (1) so that the alignment tabs insert into the lower housing (2).

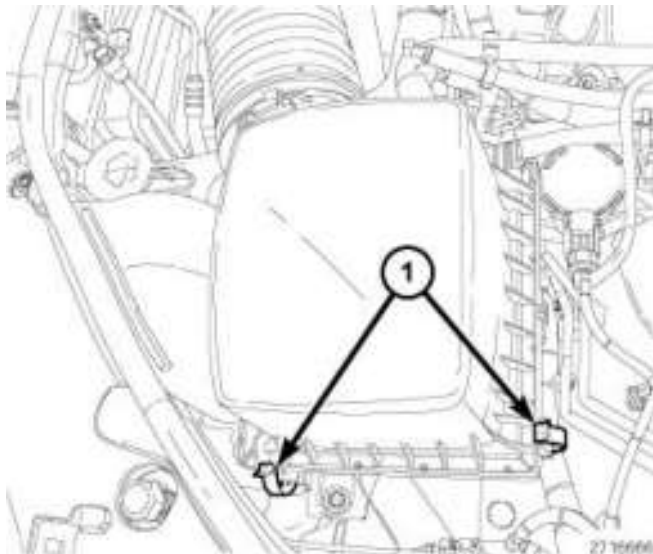


Fig. 106: Air Cleaner Housing Cover Latches
Courtesy of CHRYSLER GROUP, LLC

3. Seat the cover onto the housing and secure the housing cover latches (1).

BODY, AIR CLEANER

REMOVAL

REMOVAL

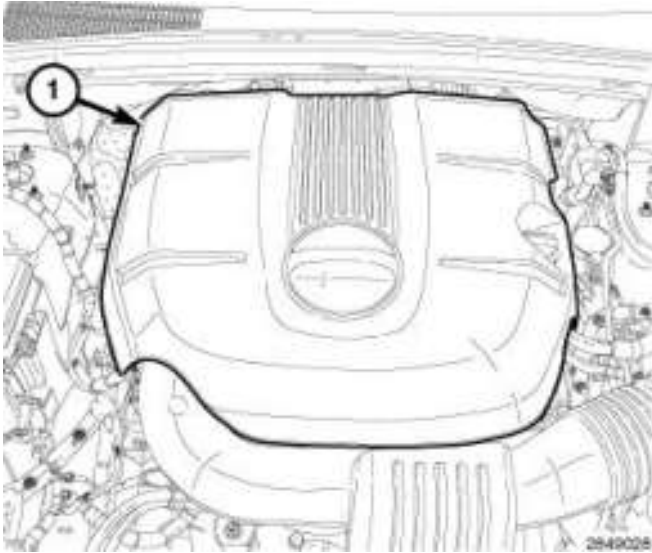


Fig. 107: Engine Cover

Courtesy of CHRYSLER GROUP, LLC

1. Disconnect and isolate the negative battery cable.
2. Remove the engine cover (1).

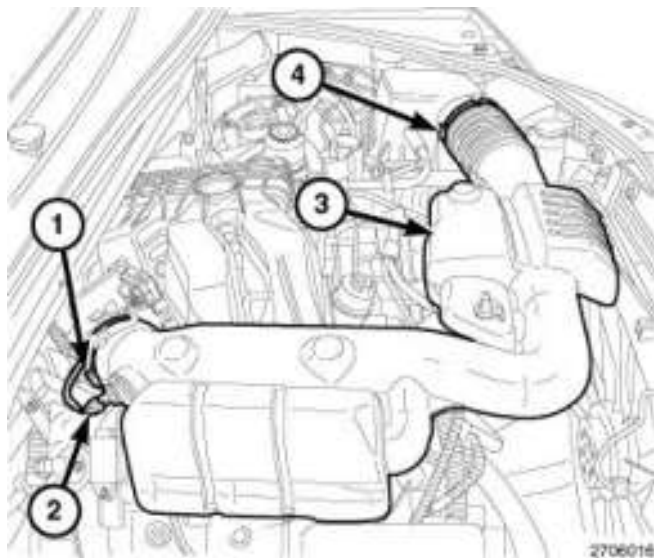


Fig. 108: Air Inlet Hose, Air Temperature (IAT) Sensor Connector & Clamps

Courtesy of CHRYSLER GROUP, LLC

3. Disconnect the electrical connector (2) from the Inlet Air Temperature (IAT) sensor.
4. Loosen the clamp (1) at the throttle body.

5. Loosen the clamp (4) at the air cleaner body.
6. Remove the resonator (3).

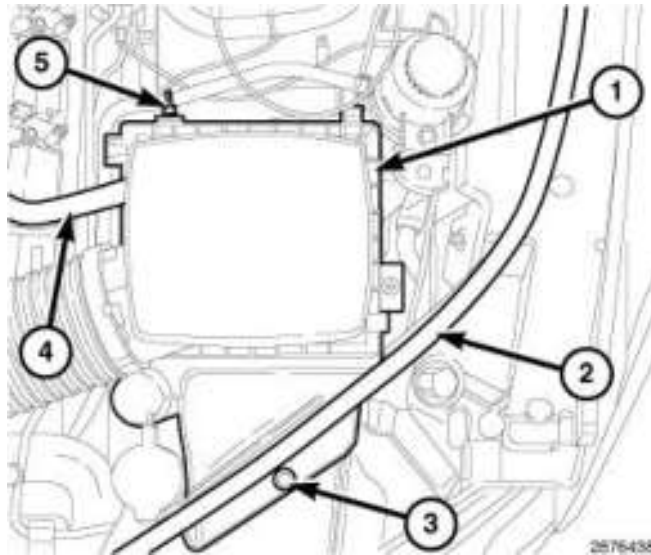


Fig. 109: Air Cleaner Body, Hood Seal, Push Pin, Air Makeup Hose & Hose Retainer
 Courtesy of CHRYSLER GROUP, LLC

7. Disconnect the fresh air makeup hose (4) from the air cleaner body.
8. Disengage the hose retainer (5) from the air cleaner body.
9. Remove the push pin (3).
10. Reposition the hood seal (2) and pull the air cleaner body (1) straight up off of the locating pins.

INSTALLATION

INSTALLATION

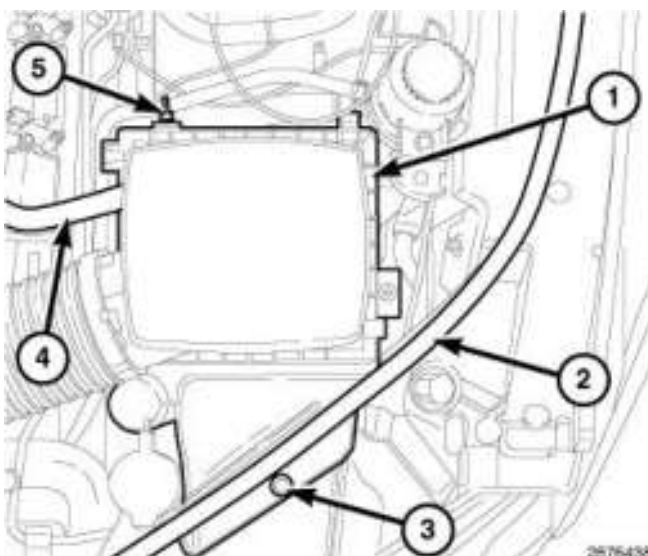


Fig. 110: Air Cleaner Body, Hood Seal, Push Pin, Air Makeup Hose & Hose Retainer
 Courtesy of CHRYSLER GROUP, LLC

1. Install the air cleaner body (1) straight down on the locating pins while routing the air inlet under the

hood seal (2).

2. Install the push pin (3).
3. Engage the hose retainer (5) to the air cleaner body.
4. Install the fresh air makeup hose (4) to the air cleaner body.

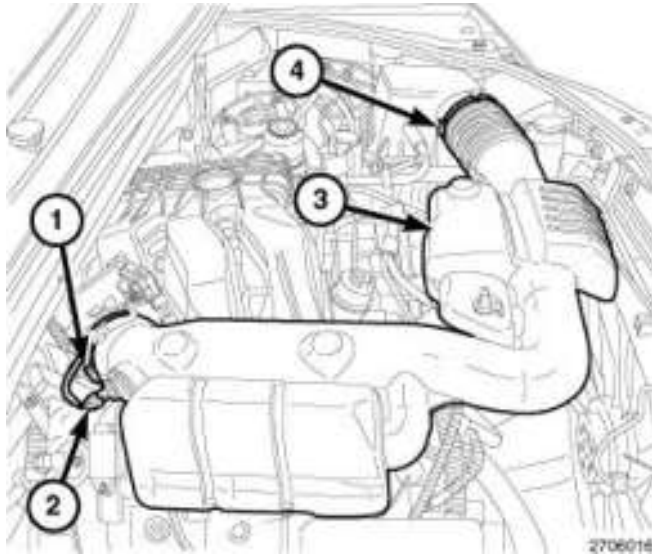


Fig. 111: Air Inlet Hose, Air Temperature (IAT) Sensor Connector & Clamps
Courtesy of CHRYSLER GROUP, LLC

5. Install the resonator (3) to the air cleaner body and the throttle body. Tighten the clamps (1) and (4) to 4 N.m (35 in. lbs.).
6. Connect the electrical connector (2) to the Inlet Air Temperature (IAT) sensor.

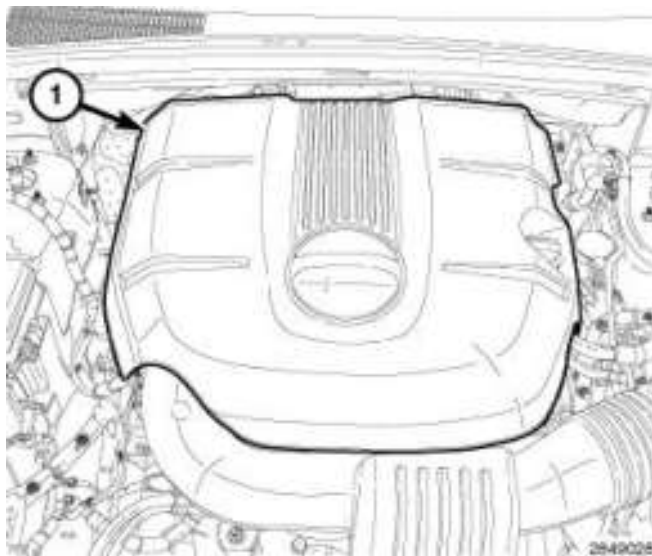


Fig. 112: Engine Cover
Courtesy of CHRYSLER GROUP, LLC

7. Install the engine cover (1).
8. Connect the negative battery cable and tighten nut to 5 N.m (45 in. lbs.).