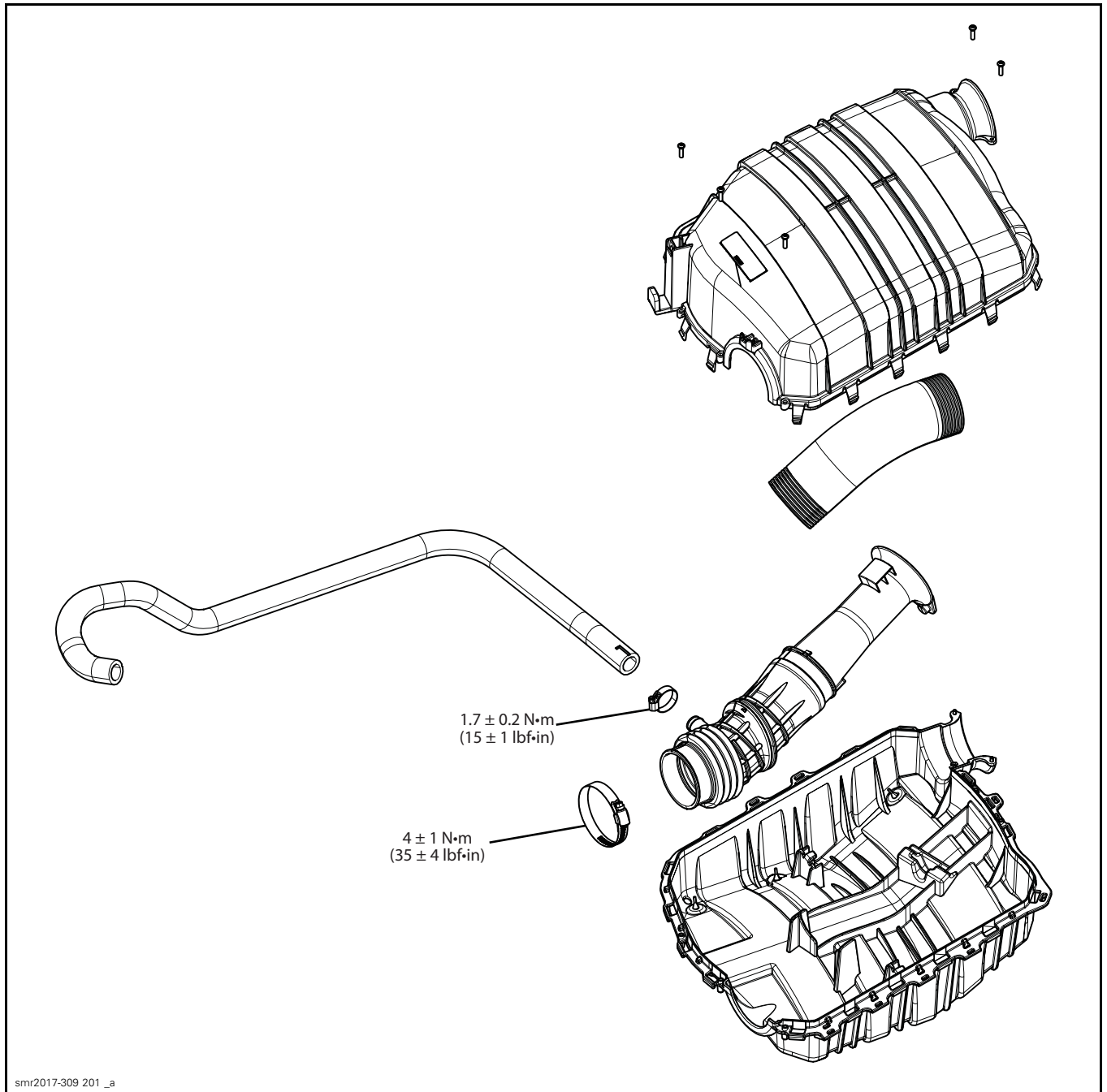


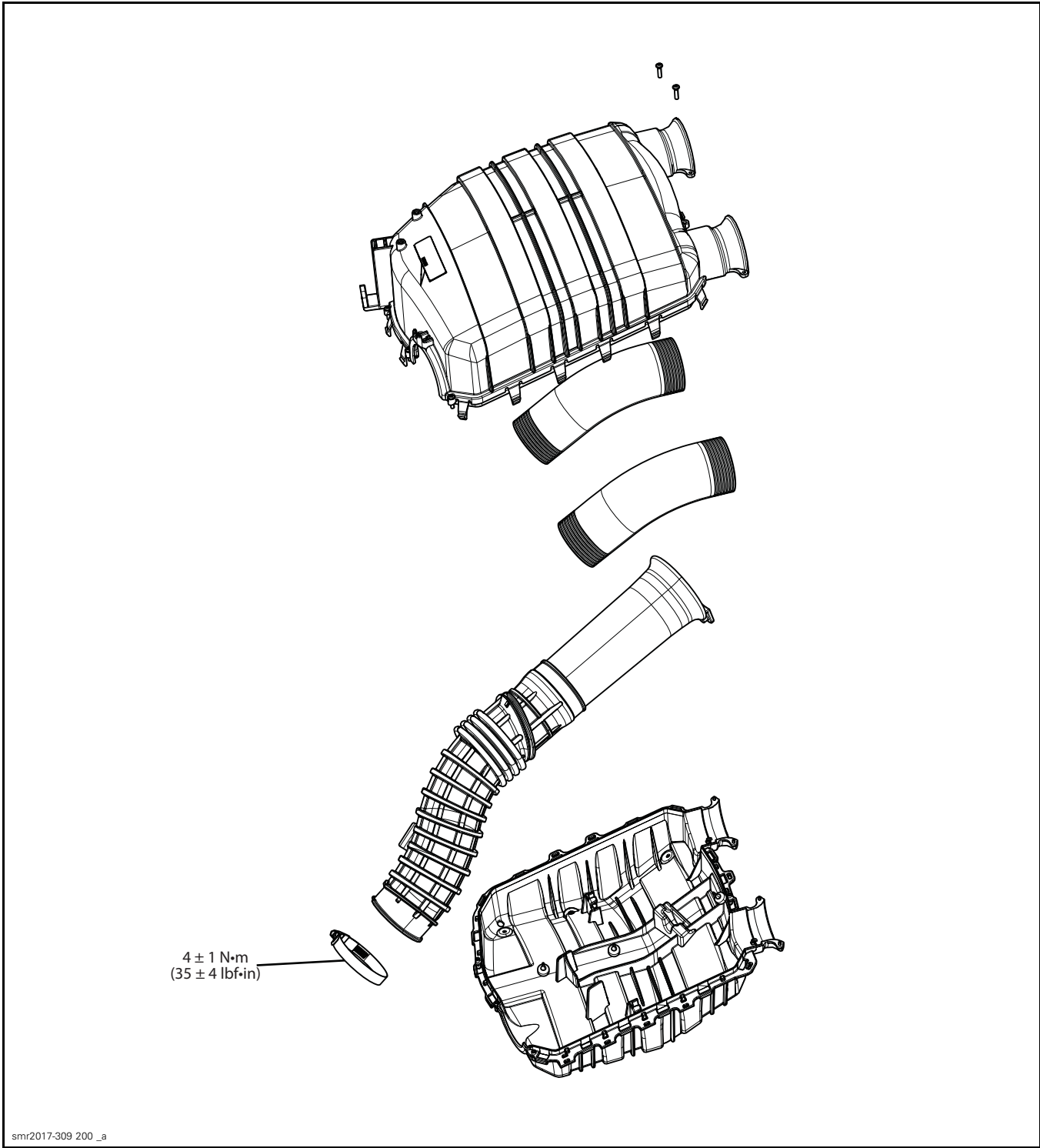
AIR INTAKE SYSTEM

130 and 155 Engines



Subsection XX (AIR INTAKE SYSTEM)

230 and 260 Engines

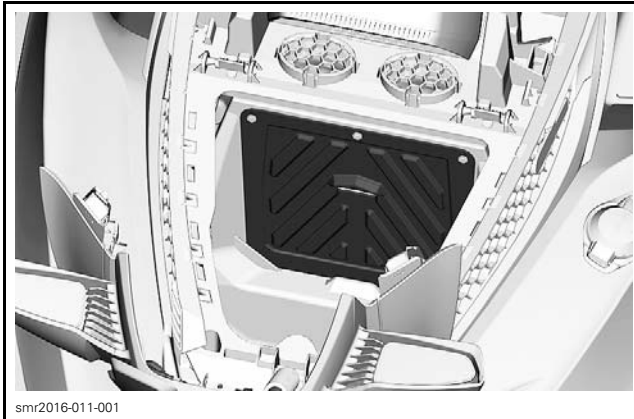


PROCEDURES

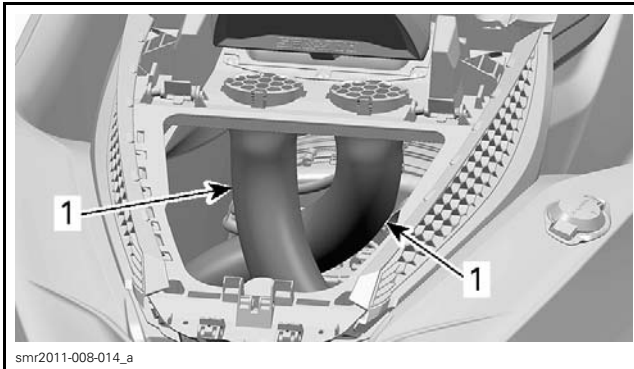
AIR INTAKE SILENCER

Accessing the Air Intake Silencer

1. Open the front storage compartment cover.
2. Remove the storage bin.
3. Remove partitions. Refer to *BODY* subsection.

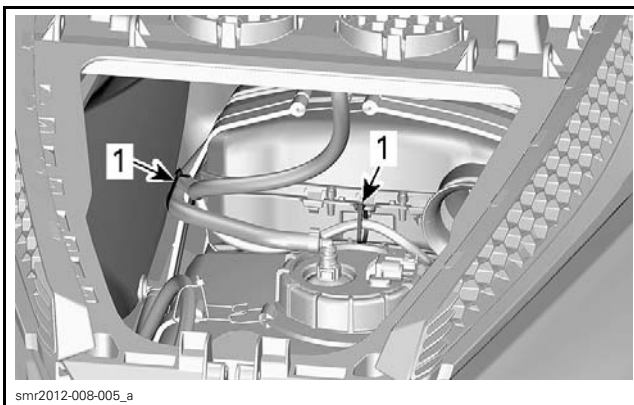


4. Unplug the top of ventilations tubes and place them lower in hull.



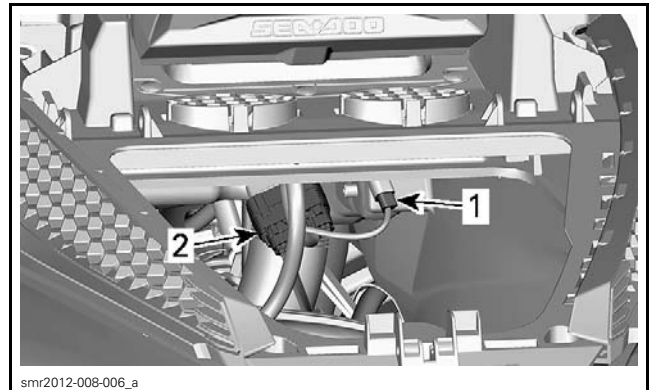
1. Ventilation tubes

5. Cut locking ties securing wiring harness and fuel hoses to air intake silencer.



1. Cut these locking ties

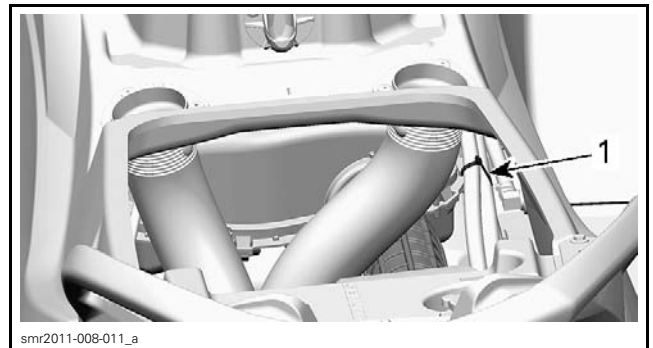
6. Disconnect gauge and O.T.A.S. connectors.



1. Disconnect the OTAS connector
2. Disconnect the gauge connector

Removing the Air Intake Silencer

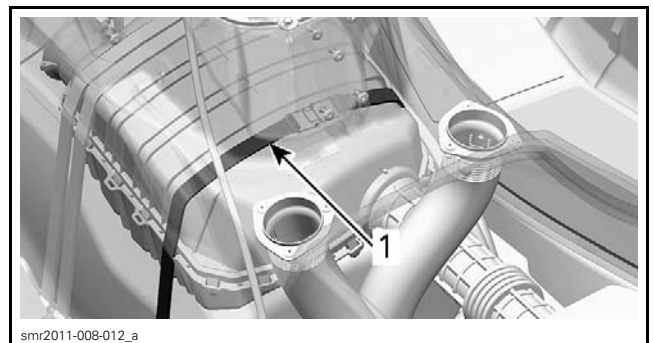
1. Open or remove the seat.
2. From seat opening, cut locking tie securing the wiring harness and the fuel supply hose to air intake silencer.



TYPICAL

1. Cut this locking tie

3. Detach rear retaining strap retaining air intake silencer and fuel tank.

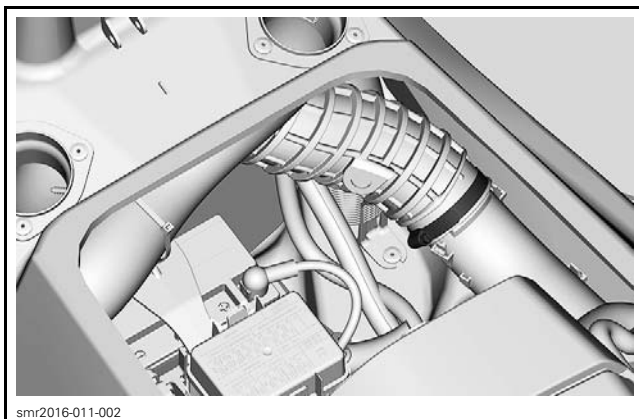


TYPICAL

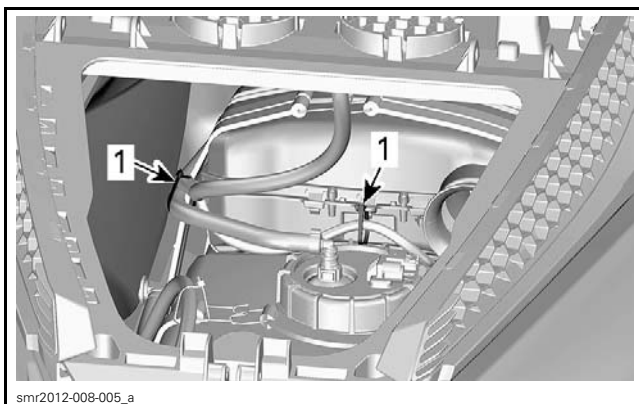
1. Rear retaining strap – under glove box

4. Loosen clamp securing the air intake silencer outlet hose to air intake tube.

Subsection XX (AIR INTAKE SYSTEM)



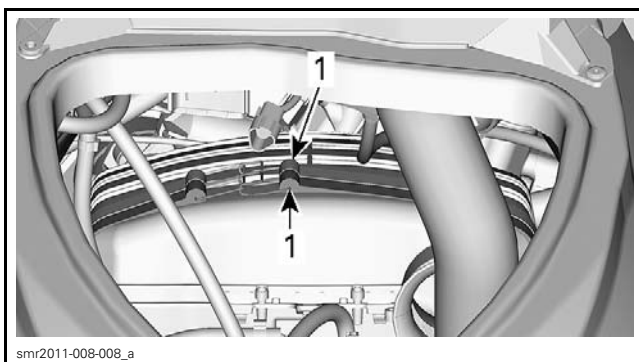
5. From the front storage compartment, cut locking ties securing the wiring harness and the fuel hose to air intake silencer.



TYPICAL

1. Cut these locking ties

6. Detach the front retaining straps.

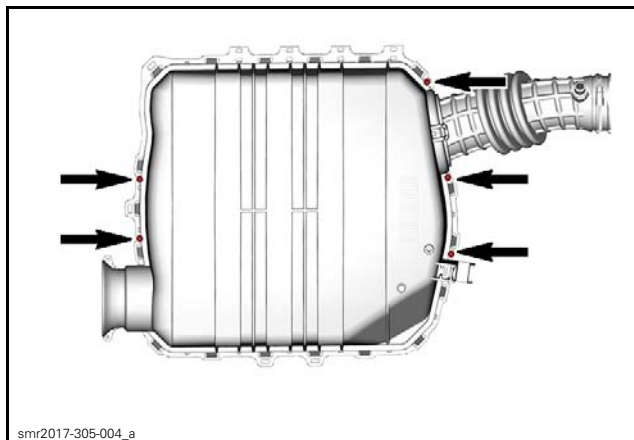


1. Front retaining straps

7. Carefully pull the air intake silencer forward to remove it from the vehicle.

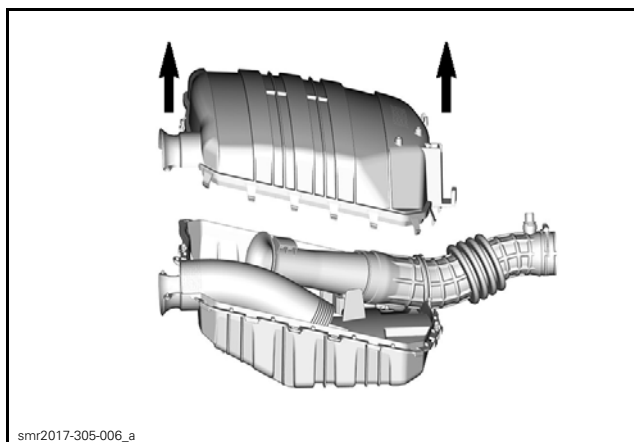
Disassembling the Air Intake Silencer

Remove screws securing upper section of air intake silencer to the lower section.



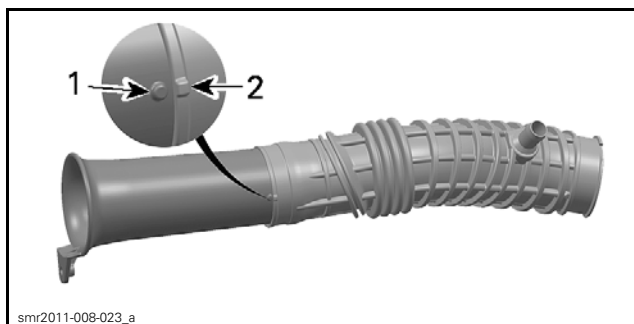
Release all retaining tabs.

Separate upper and lower sections.



Assembling the Air Intake Silencer

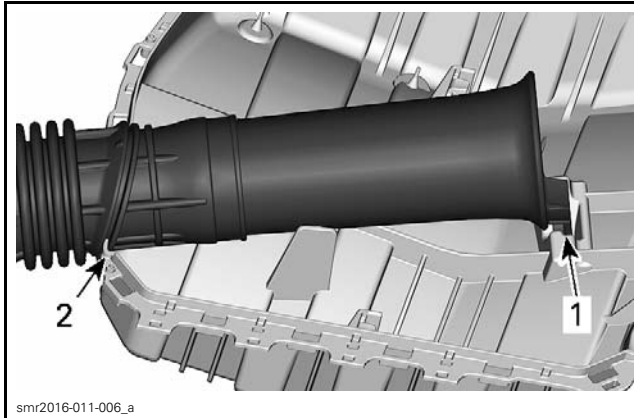
Install the baffle into the outlet hose. Ensure marks are aligned.



TYPICAL

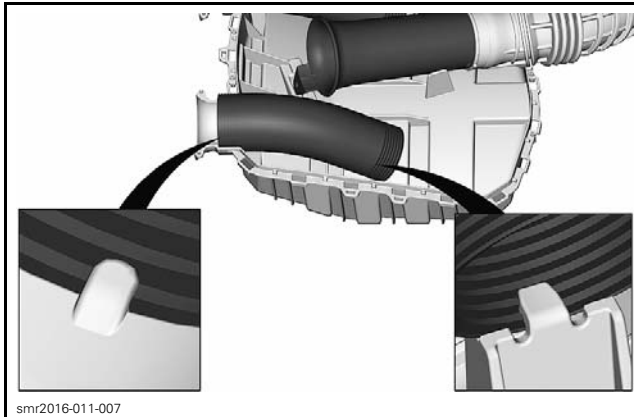
1. Baffle mark
2. Outlet hose mark

Install the assembly in the air intake silencer.



1. Baffle tab into air intake silencer slot
2. Air intake silencer rib into the outlet hose groove

Install the inlet tubes. Ensure each end is properly attached.



Press both halves of the air intake silencer together until all tabs are locked. Do not force, make sure all tubes are properly installed.

TIGHTENING TORQUE	
Air intake silencer screws	Hand tight

Installing the Air Intake Silencer

The installation is the reverse of the removal procedure. However, pay attention to the following. Ensure wiring harness and fuel hoses are properly routed.

Install new locking ties

Make sure hoses are perfectly inserted into air intake tube before tightening the clamps.

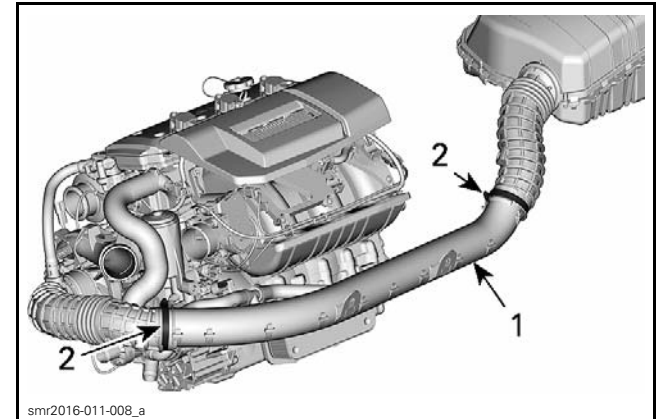
TIGHTENING TORQUE	
Retaining clamps	4 N•m ± 1 N•m (35 lbf•in ± 9 lbf•in)

AIR INTAKE TUBE

Removing the Air Intake Tube

Supercharged Engine

1. Open seat.
2. Detach the seat bridge from the body and move it aside to make room.
3. Loosen clamps retaining the air intake tube.



1. Air intake tube
2. Retaining clamps

4. Detach the air intake tube from both hoses.
5. Open the front compartment storage cover and remove the storage bin.
6. Remove compartment panel. Refer to *BODY* subsection.
7. Slide the air intake tube over the air intake silencer and through the front compartment opening.

Installing the Air Intake Tube

The installation is the reverse of the removal procedure. However pay attention to the following.

Make sure air intake tube is perfectly inserted into air intake hoses before tightening the clamps.

TIGHTENING TORQUE	
Retaining clamps	4 N•m ± 1 N•m (35 lbf•in ± 9 lbf•in)