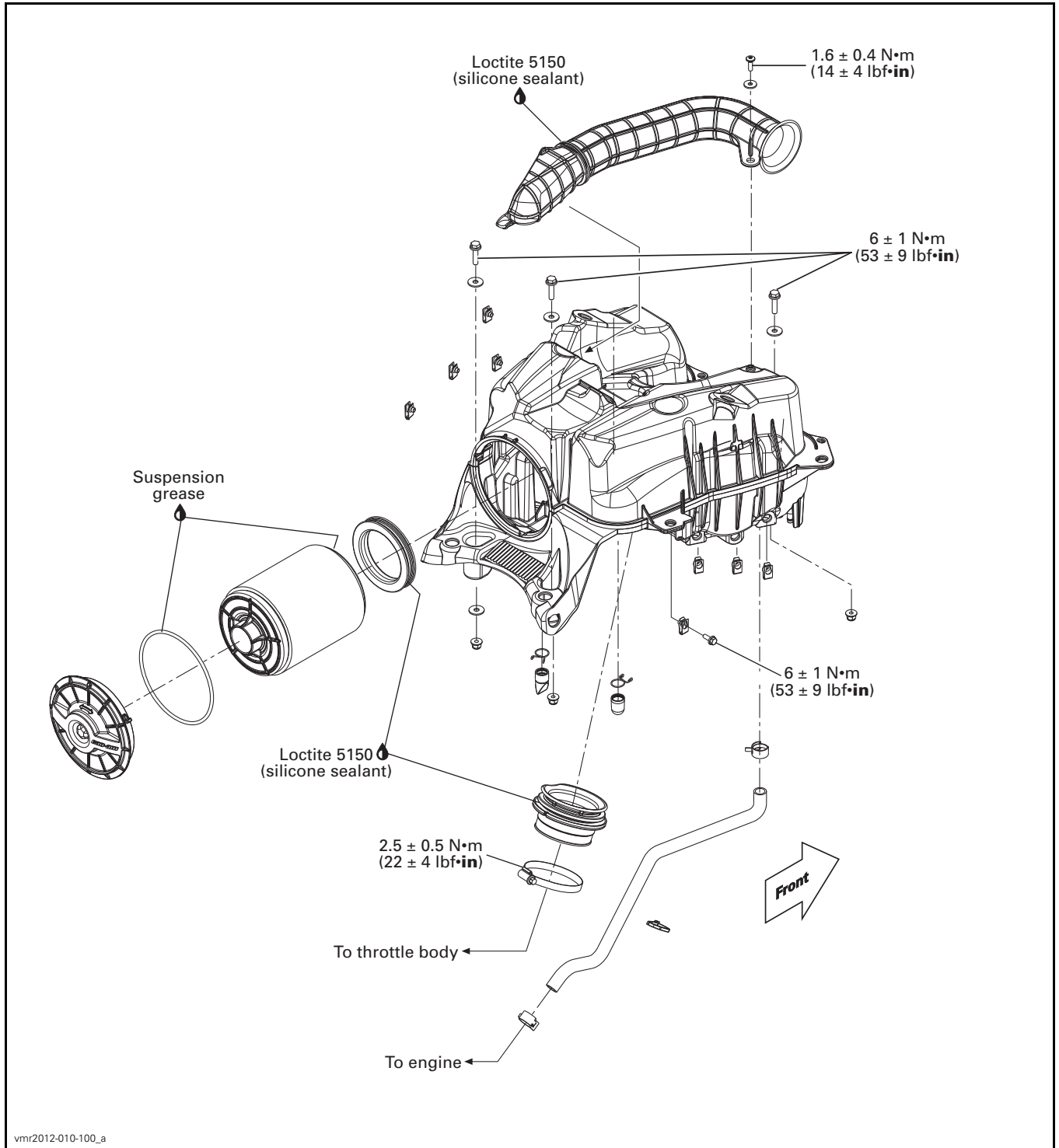


AIR INTAKE SYSTEM

AIR FILTER HOUSING



GENERAL

NOTICE Never modify the air intake system. Otherwise, engine performance degradation or damage can occur. The engine is calibrated to operate specifically with these components.

PROCEDURES

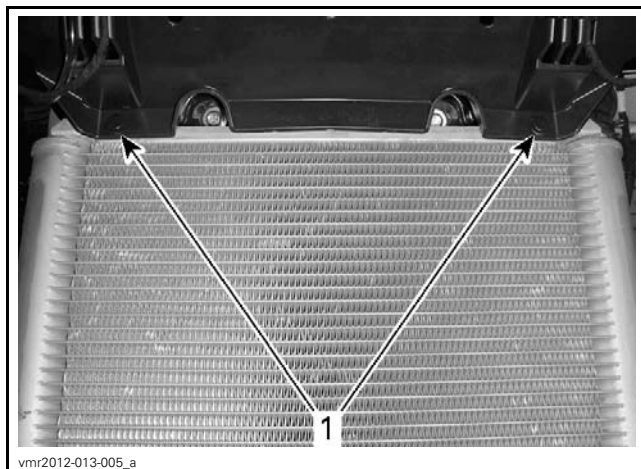
AIR FILTER

For air filter servicing, refer to *PERIODIC MAINTENANCE PROCEDURES* subsection.

AIR FILTER HOUSING

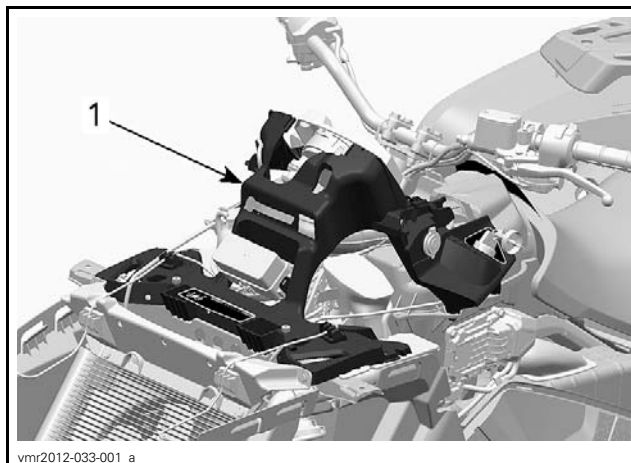
Air Filter Housing Removal

1. Remove front body module. Refer to *BODY* subsection.
2. On applicable models, remove the following plastic rivets.



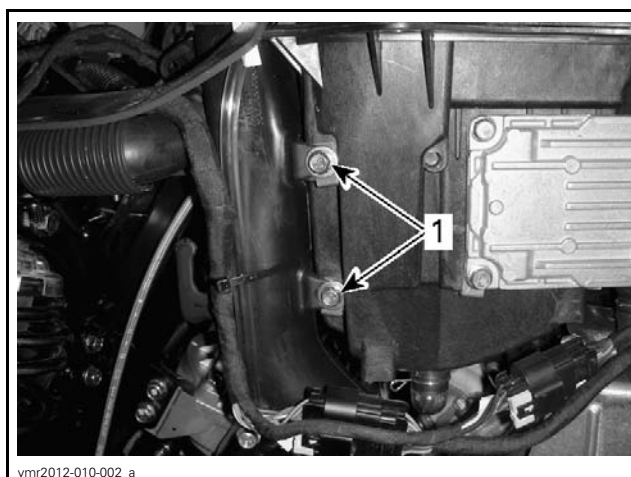
TYPICAL
1. Plastic rivets

3. On applicable models, move dashboard support toward front.



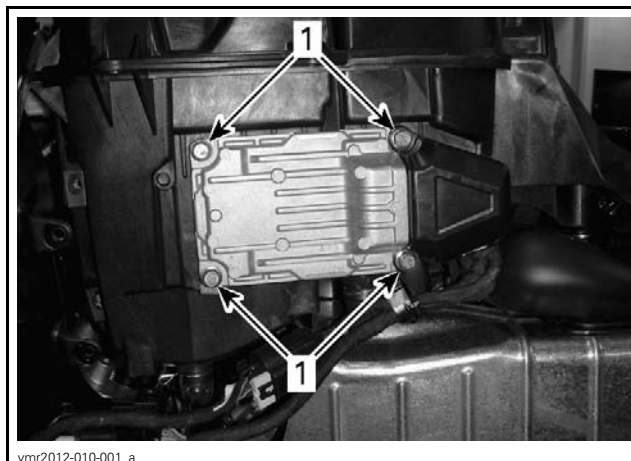
TYPICAL
1. Dashboard support

4. Remove screws securing CVT air inlet to air filter housing.



TYPICAL
1. CVT air inlet screws

5. Remove ECM retaining screws.



1. ECM retaining screws

6. Disconnect both engine harness connectors (HIC).

7. Move ECM aside.



TYPICAL

1. Engine harness connectors (HIC)

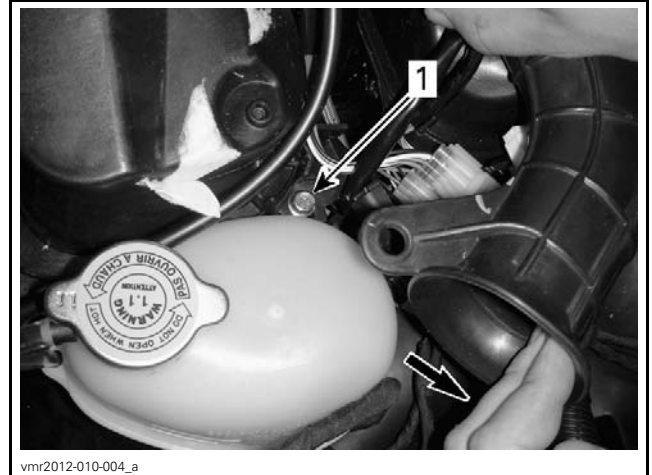
8. Remove air intake tube retaining screw.



1. Air intake tube retaining screw

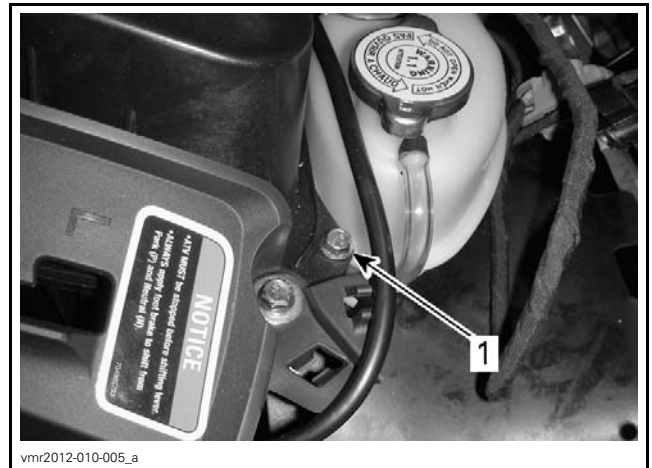
9. Move air intake tube to gain access to coolant tank LH screw.

10. Remove coolant tank retaining screws.



AIR INTAKE TUBE MOVED TO GAIN ACCESS

1. Coolant tank LH retaining screw



1. Coolant tank RH retaining screw

11. Detach link rod from shift lever.

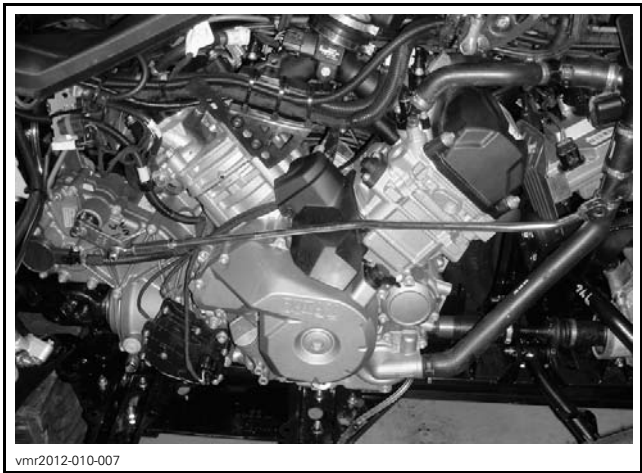


TYPICAL - OUTLANDER SHOWN

1. Link rod retaining bolt

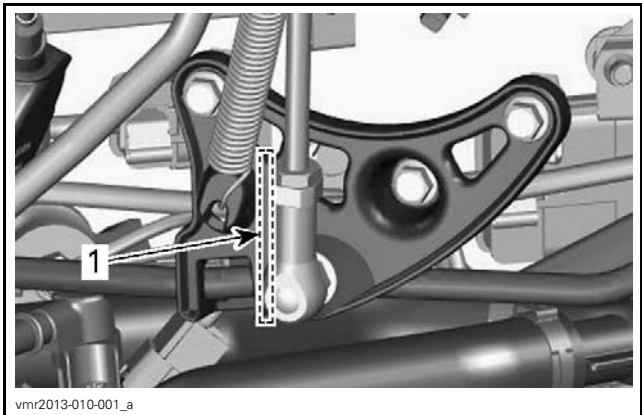
12. Carefully move link rod downward.

Subsection XX (AIR INTAKE SYSTEM)

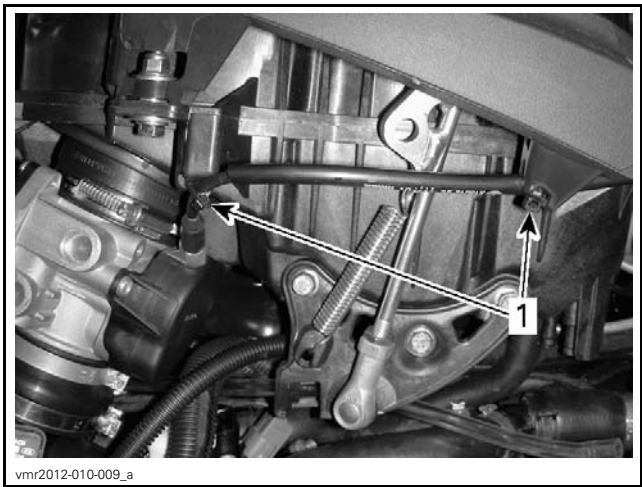


TYPICAL - OUTLANDER SHOWN

13. Remove the following locking ties.

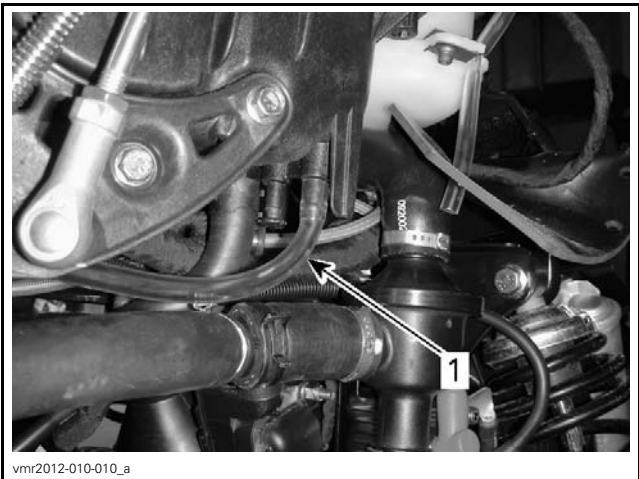


TYPICAL - OUTLANDER SHOWN
1. Locking tie to remove - location shown



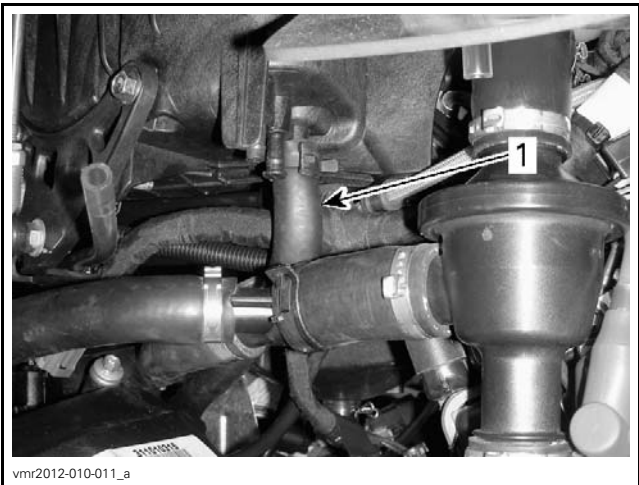
TYPICAL - OUTLANDER SHOWN
1. Locking ties to remove

14. Detach gearbox vent hose from air filter housing.



TYPICAL
1. Gearbox vent hose

15. Detach crankcase vent hose from air filter housing.



TYPICAL
1. Crankcase vent hose

16. Remove air filter housing retaining screws.



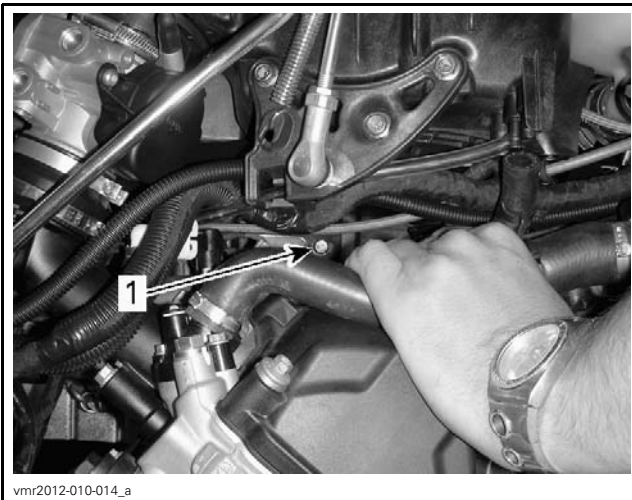
SCREWS LOCATED NEAR SEAT ANCHORAGE
1. Air filter housing retaining screws



vmr2012-010-013_a
SCREW LOCATED UNDER COOLANT TANK
1. Air filter housing retaining screw



vmr2012-010-015_a
TYPICAL - OUTLANDER SHOWN
1. Throttle body



vmr2012-010-014_a
SCREW LOCATED ON LH SIDE - ACCESS FROM UNDER SHIFT LEVER
1. Air filter housing retaining screw

17. Detach throttle body from intake adapters.
18. Slightly lift air filter housing upward.
19. Move throttle body aside to make room.

20. Remove air filter housing by pulling it towards rear.



vmr2012-010-016_a
AIR FILTER HOUSING REMOVAL

21. Remove remaining components from air filter housing.

Air Filter Housing Inspection

Check air filter housing for cracks or other damage. Replace if necessary.

Air Filter Housing Installation

The installation is the reverse of the removal procedure. However, pay attention to the following. Refer to applicable exploded views for tightening torque.