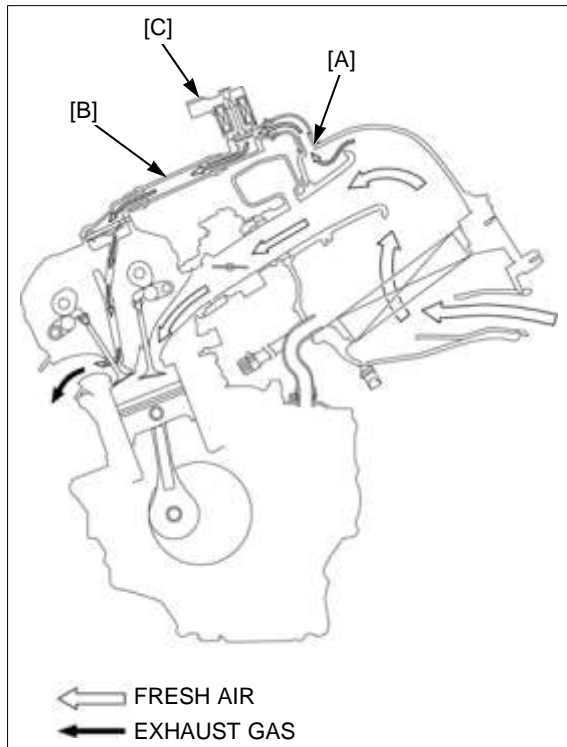




## SECONDARY AIR SUPPLY SYSTEM SYSTEM INSPECTION



- Warm up the engine until the coolant temperature is 80°C (176°F).

- Stop the engine.

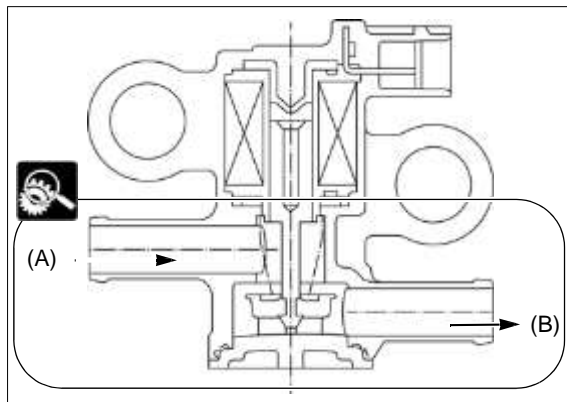


- Secondary air intake port [A] is clean and free of carbon deposits



- Start the engine and open the throttle slightly to be certain that air is sucked in through the air supply hose.  
– If the air is not drawn in, check the air supply hose [B] for clogs and PAIR control solenoid valve [C].

## PAIR CONTROL SOLENOID VALVE INSPECTION



- Apply 12 V battery voltage to the PAIR control solenoid valve terminals.

- Battery connected: Valve open
- Battery disconnected: Valve close



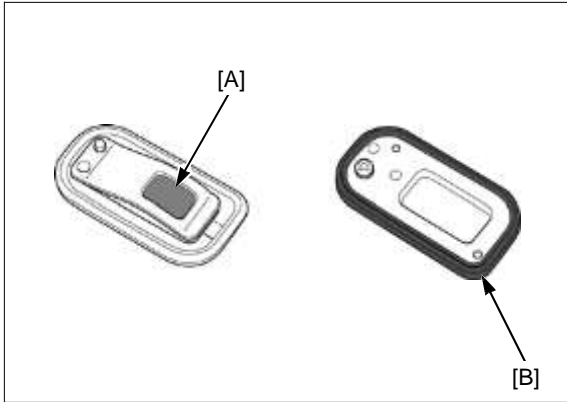
- Air should flow (A) to (B) only when a 12 V battery is connected to the PAIR control solenoid valve terminals.



- Check the PAIR control solenoid valve for continuity at the solenoid valve terminals.

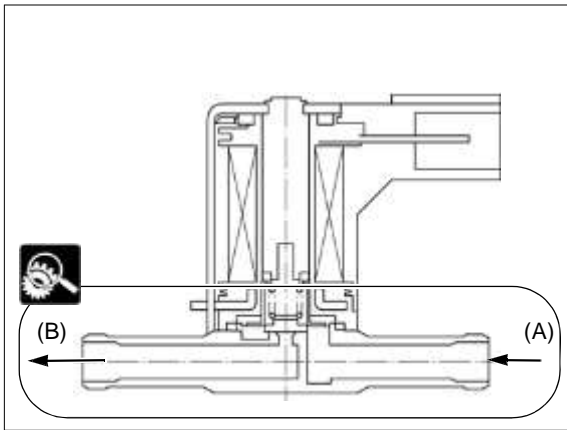


### PAIR CHECK VALVE INSPECTION



- Reed [A] for damage or fatigue
- Rubber seat [B] for crack deterioration or damage
- Clearance between the reed and seat

### EVAP CONTROL SYSTEM



- EVAP purge control solenoid valve
- Air should flow (A) to (B), only when a 12 V battery is connected to the EVAP purge control solenoid valve terminals.
- Check the EVAP purge control solenoid valve for continuity at the solenoid valve terminals
- EVAP purge control solenoid valve