

Throttle Body Instructions 3400

Removal Of Stock Throttle Body

- Disconnect battery.
- Drain about a liter off coolant.
- Disconnect IAT sensor and PCV bypass hose from induction pipe.
- Remove induction pipe from throttle body.
- Disconnect accelerator cables from throttle body linkage.
- Remove accelerator cable bracket from throttle body.
- Disconnect TPS and IAC sensors
- Disconnect coolant hoses from throttle body if equipped
- Remove coolant supply tube from timing cover. This is a black metal tube with a brass bleeder fitting at one end.
- Remove both throttle mounting bolts.
- Remove throttle body from upper intake manifold.
- Remove TPS and IAC sensors from throttle body. (Do not discard)
- Remove coolant hoses from throttle body (Do not discard)
- Remove old throttle body gasket from intake manifold.

Installation of RSM 62mm Throttle Body

- Install TPS and IAC on new throttle body.
- Install coolant hoses on throttle body.
- Install throttle body onto upper intake manifold use new gasket (supplied)
- Reinstall throttle body mounting bolts
- Torque bolts to 14 foot-pounds.
- Reinstall coolant supply tube.
- Reconnect coolant hoses onto throttle body.
- Reconnect TPS and IAC sensors.
- Reinstall accelerator-mounting bracket onto throttle body.
- Reconnect accelerator cables to throttle body linkage.
- Reinstall induction pipe onto throttle body.
- Reconnect IAT sensor and PCV bypass hose.
- Top up coolant.
- Reconnect battery.
- Start up engine let idle until operating temperature.
- Check for coolant leaks.
- Check idle. Idle should be around 600 to 900 RPM

**Should you have any questions with the above instructions, please
contact RSM Racing Inc.**

Tech Support at (905) 671-9998 or www.rsmracing.com

Throttle Body Instructions 2.4L

Removal Of Throttle Body

- Disconnect battery.
- Remove stock air box or induction system from the throttle body.
- Disconnect accelerator cable from throttle body linkage.
- Disconnect the four vacuum hoses from throttle body.
- Disconnect the TPS, MAP and IAC sensors.
- Remove the four bolts mounting the throttle body.
- Remove throttle body from intake manifold.
- Remove TPS and IAC sensors from original throttle body (do not discard)

Installation of RSM 62mm Throttle Body

- Install TPS and IAC sensors onto the new throttle body
- Install throttle body onto intake manifold
- Torque throttle body mounting bolt to 6 foot-pounds.
- Reconnect TPS, IAC and MAP sensors.
- Reconnect the four vacuum hoses.
- Reconnect accelerator cable to throttle body.
- Reinstall the stock or induction system onto throttle body
- Reconnect battery.
- Start car and let idle until the engine reaches operating temperature
- Listen for vacuum leaks
- Make sure engine idle is around 700 to 1000 RPM

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