



BBK Twin 56mm & 61mm Throttle Bodies Part # 3501, 3502, 3503

I N S T A L L A T I O N I N S T R U C T I O N S

- Step 1** Make sure engine is cool and disconnect negative battery terminal.
- Step 2** Disconnect all air inlet, vacuum, and water passage lines from stock throttle body.
- Step 3** Unplug idle bypass valve located on drivers side of throttle body, pry throttle linkage off throttle ball and disconnect.
- Step 4** Remove four (4) mounting bolts attaching body to manifold to remove stock throttle body (slight prying may be required to loosen from gasket surface).
- Step 5** Remove and replace idle bypass valve and T.P.S. sensor then attach to new body using supplied gasket.
- Step 6** Reinstall in reverse order. Make sure to plug unused vacuum ports.
- Step 7** After all hoses and connectors are reattached start engine and let idle until full operating temperature is reached.
- Step 8** Shut motor off and disconnect plug connector from idle bypass valve.
- Step 9** Start engine and manually adjust idle to desired speed using the idle set screw – shut motor off.
- Step 10** Using a volt meter, turn key to on position (not running) and read voltage off the green wire coming from the T.P.S. sensor. Voltage should read approximately .80 – 1.0 volts. To adjust, loosen screws and rotate T.P.S. sensor.
- Step 11** Reconnect idle bypass connector and start engine. Installation is now complete.

NOTE

***On 460 Models, the idle bypass valve is located on the intake manifold.
However, all procedures for setting idle are the same as 302/351 models.***

