



1708/1756/1766 80mm Throttle Body

INSTALLATION INSTRUCTIONS

- Step 1** Disconnect negative battery terminal.
- Step 2** Remove air duct, vacuum hose and both electrical connectors from stock throttle body.
- Step 3** **1708/1756-** Make sure engine is cool, then remove the coolant hoses from the bottom side of the throttle body.
- Step 4** Remove the mounting screws attaching the throttle body to the intake plenum and remove the throttle body from the vehicle.
- Step 5** Using supplied torx tool or equivalent carefully remove the servo motor (4 mounting screws) from the stock throttle body. Once removed you will be able to slide the idler gear off of the stock throttle body and simply slide it on to the BBK throttle body making sure the idler drops down far enough to mesh with the gear on the throttle blade shaft. (No particular orientation is necessary between any of the gears).
- Step 6** Using the supplied gasket reinstall the servo unit onto the BBK throttle body with the stock screws.
- Step 7** Using the supplied torx tool or equivalent remove the screws from the throttle position sensor (TPS) and carefully slide the sensor off the throttle body and reinstall using the stock screws on the BBK unit.
- Step 8** **1708** Unbolt power steering reservoir from engine block and reattach using the stock bolts and the (2) supplied spacers. (This will allow clearance between the throttle servo motor and power steering pump reservoir after throttle body is installed with adapter plate).
- Step 9** **1708** Using the supplied hardware and gasket install the throttle body to the intake plenum in the following order: Adapter plate 1st with small side of tapered bore opening toward the plenum, then the supplied gasket and finally the BBK throttle body unit.
- Step 10** Reinstall the electrical connectors, vacuum hose, coolant hoses (making sure they are clear of the serpentine belt and pulleys) and the air cleaner duct.
- Step 11** The BBK throttle body is completely preset and the TPS sensor is accurately located by the small pin which protrudes from the bottom of the TPS into the throttle body. This means there should be absolutely no adjustments made to the throttle body.
- Step 12** Reconnect the neg. battery terminal and start the vehicle allowing it to idle for approx. 10 minutes. During this startup period do not rev the engine or put the vehicle in gear – just simply let it idle.
- Step 13** After idling period put vehicle in gear (automatic models) and note rpm. At first the vehicle may jump up in idle rpm when switched between gears, therefore be sure to firmly depress brake pedal when making gear changes on automatic equipped vehicles. The increased rpm should subside once the engine has warmed up and after the vehicle is driven for 50-100 miles. Due to the complete computer control of the throttle body (no cable) and the larger bore of the throttle body, a small increase in engine rpm may continue after break-in period, however it should be comparatively small to that during the break-in period.
- Step 14** After driving the vehicle for a period of time, at first the check engine light may illuminate. If this occurs try disconnecting the neg. terminal and go through Step 12 once again. If any problems persist please call our TechLine for more information, however do not attempt to make any adjustments without consulting a BBK technician (951) 296-1771 or email tech@bbkperformance.com.