

NOTE THAT THE COMPUTER IN YOUR VEHICLE WILL TAKE SEVERAL HUNDRED KLMS TO FULLY ADJUST TO THE INCREASED AIRFLOW. THE CHANGE WILL NOT BE IMMEDIATE. PLEASE BE PATIENT!

FITTING INSTRUCTIONS FOR THROTTLE BODY

FORD BA – BF V8 RANGE (V8, XR8, GT & GTP) & FG XR8

Part # PTB010 and PTB012

Kit Includes

1x Throttle Body

Tools Required

TX20

8mm Socket

13mm Spanner

Phillips Screwdriver

1. Remove standard throttle body from vehicle. Take care not to damage gasket.

Dismantle standard throttle body:

2. Remove TPS switch (2x screws) and set aside.
3. Remove the cap from the gear-housing end of throttle body to expose butterfly shaft and cream coloured gear. **Take note at this point of the position that the gear is locked into the black housing** (there are 2 locking points protruding from the gear and in turn, 2 recesses in the black housing which all lock the gear together and in place). Using a screwdriver, push gear down to relieve spring tension.
4. Remove the gear-housing end (5x screws) and retain.
5. Remove cream gear and spring together, **noting how the end of the spring locks into hole on gear shaft**. Retain spring and gear.

Assemble throttle body supplied:

6. Re-insert cream gear and spring onto gearing shaft with end of spring into hole in gear as previously noted.
7. Position gear housing end in place, checking first to ensure the seal is still in place. Attach housing with the original 5x screws.
8. **Now we need to re-tension spring.** This is easily done by pushing screwdriver onto cream gear and turning **anti-clockwise** until the 2 locking points on cream gear line up with locking points on black housing (as noted in Step 3). Once lined up, release pressure so that the spring takes over, pushes up and locks the two together. This may take you a few attempts **although you only need to turn one half turn** to line up the locking points. The butterfly will now be slightly ajar.
9. **At all times check that butterfly is moving freely ie opening and closing without binding or sticking.**
10. Re-fit the TPS (2x screws) and push cap back over gear housing end.
11. Refit throttle body to vehicle.
12. Start vehicle. *If vehicle will not accelerate put a mark on top of brass screw and body to note original starting point then adjust idle screw (the 13mm bolt not the 10mm spring locking nut) very slightly – no more than 1 or 2mm at a time - up (anti-clockwise – to decrease revs) or down (clockwise –to increase revs) accordingly. **Turn ignition off completely before making any adjustments.**

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