

# Fitting Instructions #5085IS

## Ford Territory / Falcon BF & FG

### Rear Differential Centre Support Bushing

**Note:** This instruction sheet is a suggested method of removing the diff bushes. There are various techniques and tools available to do the job. Manufacturer's torque settings should be used to tension all bolts.

- Remove the rear seat base, disconnect the wheel speed sensors and push out from rubber bung;
- Set the car up on a hoist and remove the rear wheels, remove the rear brake calliper mounting bolts and secure calliper out of the way;
- Remove rubber exhaust hangers;
- Mark the tail-shaft position and counterweights, and disconnect the shaft;
- Disconnect the handbrake cables from the 'T' junction;
- Remove the 2 stabilizer rod bolts from the chassis rails, also remove the side bolt from the right side of the rear diff bush housing near the wheel well;
- Support lower control arm and remove the lower shock absorber bolt, also remove the 2 front blade control arm nuts, lower down until blade control arm is clear from the studs. Be careful of spring tension;
- Lower the car and support the cradle with 3 or more jack stands or similar, then remove the 6 sub-frame nuts/bolts;
- Slowly raise the vehicle making sure no wires brake lines, shock absorbers, etc., are damaged;

- Separate and lower rear end from vehicle, Figure 1;
- Remove diff vibration absorber;
- Use screwdriver or chisel to crush the outer shell and remove bush. Force may be needed to be applied to the other side of the bush to remove it;
- Fit new bush. Ensure that bush is kept square to the mounting surface. All thread and washers and spacers may aid the process;
- See following page for bush replacement instructions;
- Reassemble the vehicle in reverse order.



Figure 1 - Back end removed from vehicle

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## Differential Centre Support bushes

**Note:** some models have a counterbalance attached to the same bolt as the bush, see Figure 4. If there is one, remove the bolt and the counterbalance first.

- Use a hacksaw or similar to cut through the shell, and then chisel the shell out or use a pair of vice grips to remove or use a screwdriver, to fold the shell and remove;
- Clean any burrs that may have happened;
- Use an all-thread and appropriate washers/bearings, Figure 2, etc. to draw the bush in until the bush is flush with the back of the sub-frame. Make sure the bush is set square in relation to the housing. (**NOTE: Avoid damaging the bush during installation.**)
- Refit the outrigger arms to the diff then fit the new washers over the existing bolts.
- Reverse disassembly procedure to reinstall.

**Note:** Make sure there is clearance between the outriggers and the cradle; Make sure there is clearance between the fuel tank and the LH outrigger bolt.



Figure 2 – Insertion of new bush

**Note:** the side with “5085” written on it should face towards the rear of the car when installed and the word “UP” should be at the top of assembly when installed

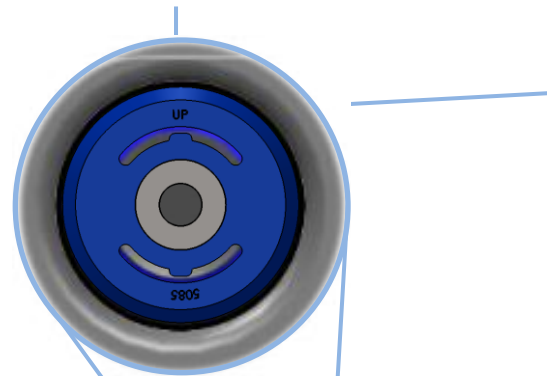


Figure 3 – ‘5085’ Bush Installed

Counterbalance

Note that some models have a counterbalance attached with the bush.



Figure 4 – ‘5085’ bush - Models with counterbalance

