

Fitting Instructions #3148PIS

Ford Territory / Falcon BA, BF & FG

Rear Differential 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. Manufacture'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 Pages for outrigger bush replacement instructions;
 - Reassemble the vehicle in reverse order.



Figure 1 - Back end removed from vehicle

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Diff outrigger arm bushes

- Remove exhaust heat shield and remove both outrigger bolts;
- Undo the three side bolts of the diff arms and lever diff to remove arms;
- Use a hacksaw or similar to cut through the nylon shell, and then chisel the shell out or use a pair of vice grips to remove or use a screwdriver, as shown in Figure 2, to fold the shell and remove;
- Clean any burrs that may have happened;
- Using the stepped down parallel spigot on the outer shell as a guide, tap into place with a plastic mallet. Alternatively, use an all-thread and appropriate washers/bearings, Figure 3, to draw the bush in until it is 5 – 7mm recessed into cradle;
- Refit the outrigger arms to the diff then fit the new washers over the existing bolts, Please note that the concave side of the washer should be facing outwards, Figure 5;
- 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 – Removal of differential outrigger bush



Figure 3 – Insertion of new outrigger bush

Note: the darker blue side with “SuperPro 3148P” written on it should face towards the front of the car when installed.

Note that the smaller diameter should face towards the back of the car.

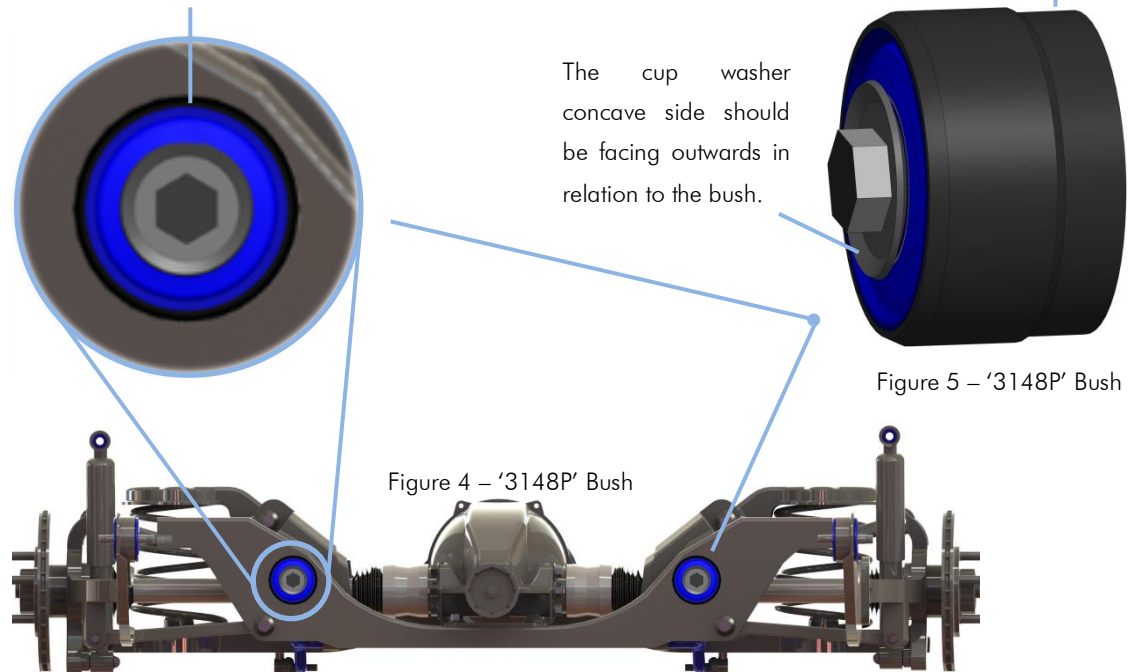


Figure 4 – ‘3148P’ Bush

Figure 5 – ‘3148P’ Bush