

Fitting Instructions #5566IS

Ford Ranger PY/P703

Front Differential Mount Bush Kit



Kit Contents

- 1x '3797' Bush
- 2x '3798' Bushes
- 2x '3801' Bushes
- 1x Alloy center pin
- 1x 64mm crush tube
- 1x 50mm crush tube
- 2x washers
- 1x grease sachet

Instructions

- With the vehicle on jack stands/hoist, remove the undertray and support the front diff with an adjustable stand or similar:
- Remove the bolts holding the front 2 diff bushes in.
- Remove the 2 bolts on the rear position bracket that attach the bracket to the diff.
- Lower the diff down as far as possible to allow access to the bushings.

Rear Diff Bush (Requires 1x 3797 Bush and 1x Alloy pin)

- The centre pin is attached to the chassis by 1x bolt and 1x nut, remove these so the bracket can be removed from the car.
- Once removed, mark the orientation of the flat section of the centre pin (see image below).
- Using appropriate press tools, remove the OE bush from the bracket housing.
- Remove any burrs or debris from the housing.
- Apply grease to the ID of the housing and press the new bushing labelled "3797" into the housing.
- Apply more grease to the inside of the bushing, then align the alloy centre pin with the timing marks made earlier.

Note: Do not press on the end of the pin, this can cause the pin to deform around the bolt holes. Instead, press on the larger section where the flat and round sections meet.

- Press the pin into the bushing until the flange pops out the other side.
- Check the pin alignment, if it needs to be adjusted this can be done with a vice.
- The newly re-bushed bracket can be reinstalled into the vehicle using the OE nut and bolt. Do not re-attach the bracket to the diff until all the bushes have been replaced. Tighten the hardware to factory specifications.



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Front Left Diff Bush (Requires 2x 3798 Bushes, 1x 64mm Crush Tube and 2x Washers)

- Remove the bracket from the chassis to gain additional room around the bushing. This is done by removing the 3 bolts that attach to the chassis.
- Using appropriate press tools and booker rod, the OE bush can be pulled out of the housing.
- Clean out the bore to remove any burrs or debris.
- Apply grease to the bore of the housing and install the 2x '3798' bushes, one from each side.
- Apply more grease to the bore and flanges of the 2x bushes before pressing the 64mm crush tube into the bushes.



- Re-install the diff mount back into the bracket, ensuring that one of the washers is placed on each side of the crush tube between the bracket flanges.
- Using the OE bolt, tighten down the diff mount and the bracket to factory specifications. Leave the bracket dis-attached from the chassis until all other bushes have been replaced.



Front Right Diff Bush (Required 2x 3801 Bushes and 1x 50mm Crush Tube)

- Lower the RH side on the diff down enough to press the OE bushing out. The other option is to cut out the centre tube and rubber and then cut the shell to make removing the shell easier.



- Once the OE bushing is removed, clear up the bore of the housing to remove any burrs or debris.

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- Apply grease to the housing and install the 2x '3801' bushes, one from either side.
- Apply grease to the ID of the bushes and install the 50mm long crush tube.
- Now that all 3 bushes have been replaced, the diff can be re-installed.
- Using the stand, raise the diff back up and reinstall the bolts.
- For the front right, re-use the OE washers and bolts.
- Bolt the front right bracket back onto the chassis.
- Use the stand to align the rear mount bracket to the diff and re-install the factory bolts.
- Ensure that all fasteners are torque according to the manufacturer's settings.
- Recheck all bolts after 1000km or 1 month.

