

# Fitting Instructions #3730IS

## MITSUBISHI EVO 10

### Rear Diff Mount Bushes replacement

- Jack vehicle up and put on stands/hoist, remove rear wheels, exhaust pipe and the rear subframe bolts;
- Lower the rear subframe together with the diff and all other suspension components then, place it on separate jack stands;
- To remove the factory bushes you will need the following items (Refer to Figure 3): 1 x threaded rod and 2 matching nuts, (A) 1 x metal spacer where it's OD is slightly smaller than the ID/bore of the Diff mount housing, (B) 1 x metal spacer where it's ID is slightly bigger than the ID/bore of the Diff mount housing, (C) heavy gauge washers one to sit outside on each of the metal spacer, (D) old pinion style bearing, 2 matching spanners;
- Set the tools up according to Figure 3 and draw the bushes out. Note excessive force is not necessary, make sure the metal spacers are lined up correctly. Also cover the bearing with a rag in case of failure, appropriate safety equipment must be used. You will need smaller size metal spacer to remove the rear diff front bush;

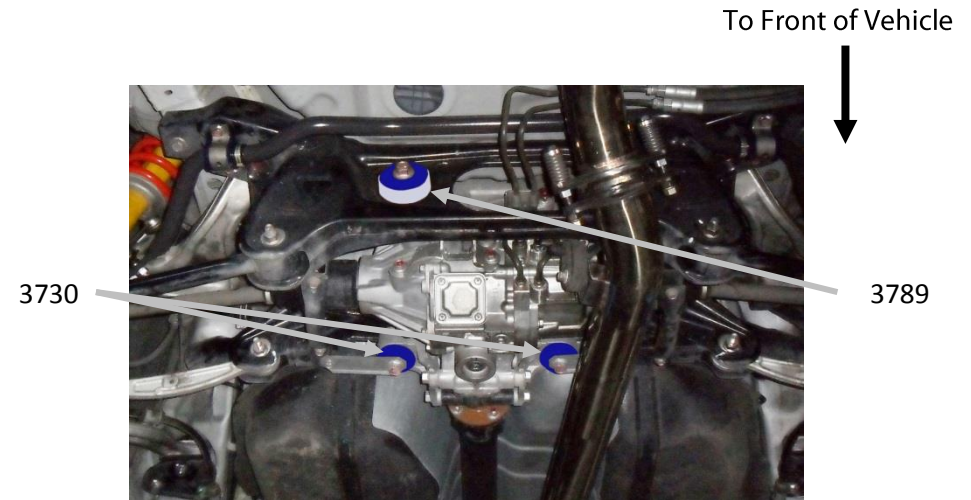


Figure 1

- Clean housing areas thoroughly and then install the new bushes. You may wind the new bushes in by choosing a metal spacer that could fit the OD of the extruded polyurethane and contacting the side of the new shell (see figure below).

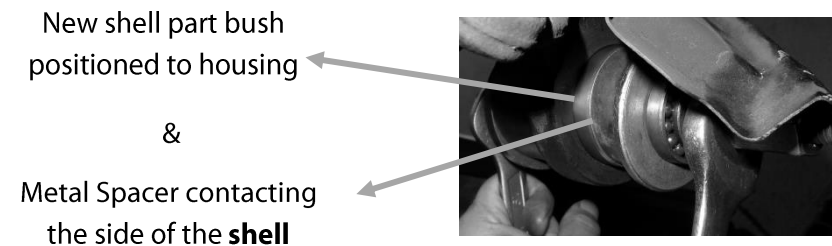


Figure 2

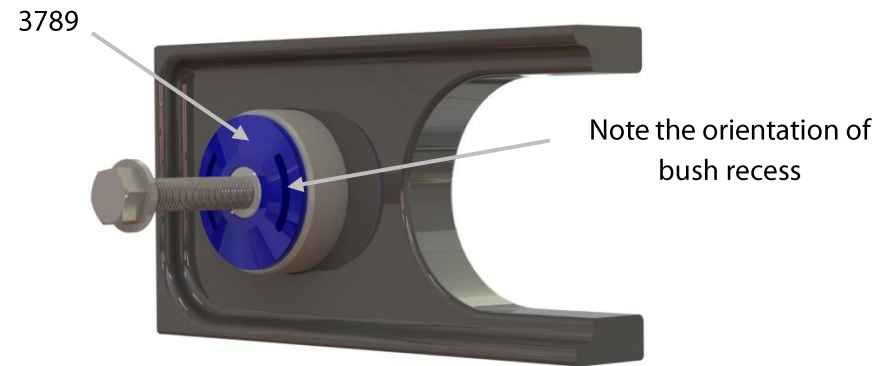
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- To fit the crush tube into the bushes, apply the grease supplied to the bore of the bush and the outside of the crush tube and then push it in. Use a pair of multi grips to aid installation of the crush tubes;
- Repeat process to install the rest of the bush;
- Refit the rear subframe with all other suspension member to the vehicle ensuring that you use manufacturer's torque settings on all fasteners and carry out a wheel alignment.



Figure 3: Tools setup for factory bushes

## Rear Diff - Rear Mount Installation



## Rear Diff - Front Mount Installation

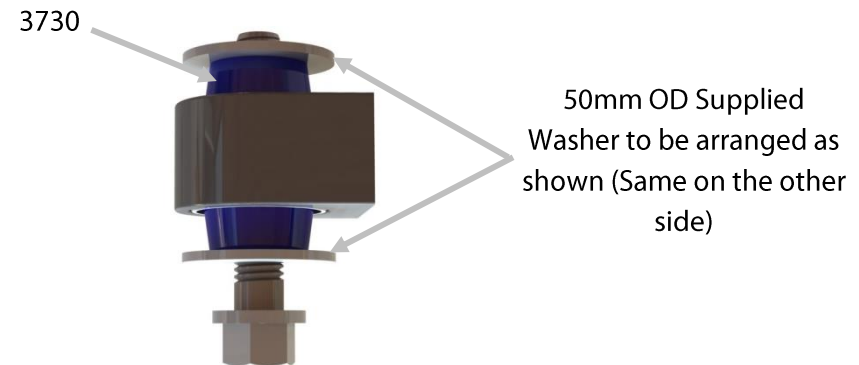


Figure 4