

# Fitting Instructions #3774IS

## Nissan 180SX

### Rear Sub frame Bush Replacement

- o Note: Polyurethane bushes must be fitted to both sides of the vehicle.
- o Jack vehicle up and put on stands/hoist, remove rear wheels, exhaust pipe and the control arms/trailing arms that are attached to the sub frame.
- o Remove the rear sub frame and place it on separate jack stands then proceed to remove factory bushes.
- o The factory subframe bushes can be removed by burning the rubber bushes out and then, cut the shells. Note: Care must be taken to not damage the housing while cutting the shells.
- o Clean housing areas to remove any burs and old original bushing materials affected during the removal of factory bushes.
- o To install the new polyurethane bushing:
  - You will need the following items; 1 booker rod that can slide in the crush tube and 2 matching nuts. **(A)** 1 x metal spacer where its ID is the same as the bore or bigger, 1 heavy duty washer that sits on top of the metal spacer and also, the ID to suit the size of the booker rod, 1 old pinion style bearing. **(B)** 1 x metal spacer where the ID will slide through the flange of the bush and OD that can sit against the flange of the shell, 1 heavy duty washer to suit OD of metal spacer but also correct ID for the booker rod to slide in.
  - Set the tools up with reference to figure below
  - While ensuring a spanner is holding the lower nut, use the other spanner to further fasten the upper nut until the flange of the shell sits nicely against the housing. (It will be easier to fasten the nut on the side where the bearing is installed)
- o Repeat process to install the rest of the polyurethane bushes.
- o Refit the sub frame to the vehicle followed by the control arms/trailing arms ensuring that you use manufacture's torque settings and carry out a wheel alignment.

