

# Fitting Instructions #4653IS

## Mazda 3 (First and Second Generation)

### Front Lower Control Arm Rear Bushing (To suit Right-hand drive vehicles)

**Note:** Polyurethane bushes must be fitted to both sides of the vehicle.

- Wheel align the vehicle before the job is started and note castor settings;
- Mark the control arms and brackets' orientation;
- Remove the control arms from the vehicle, and then remove the original brackets;
- Clean the control arm peg, removing any left material;
- Mount the control arm in a vice, apply the supplied grease to the '4653A' bush bore, and slide it over the control arm peg with the large flange facing the front of the control arm as per Figure 02 (page 1);
- Lubricate the inside of the new bracket polyurethane bushing and the outside of the '4653A' steel shell, then slide the bracket with bushing over the '4653A' bush. Install the '4653R' or '4655R' bracket on the right hand side and the '4653L' or '4655L' bracket on the left hand side of the vehicle, as detailed in the Table 01 (page 2);
- Refit the control arms with the new brackets into the vehicle;
- Wheel align vehicle and check new settings;
- Torque all mounting bolts to manufacture's specifications with the vehicle at ride height.

#### Left Hand Side Control Arm installation diagrams

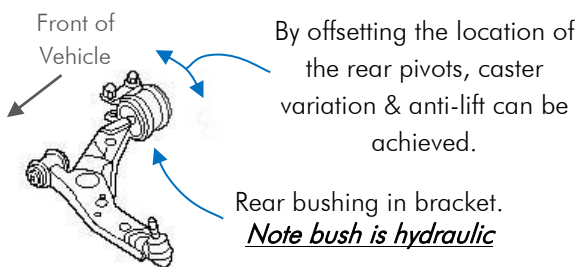


Figure 01 – LHS Control Arm

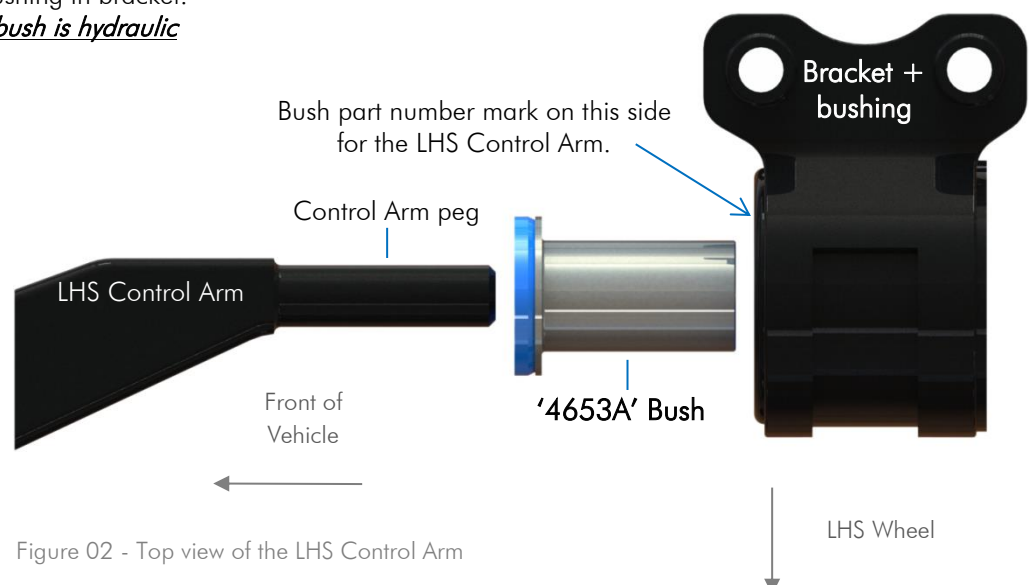
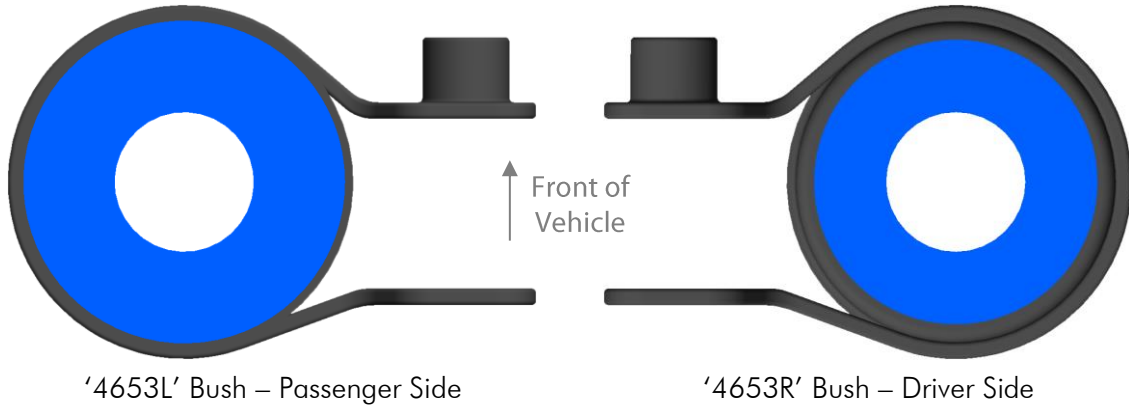


Figure 02 - Top view of the LHS Control Arm

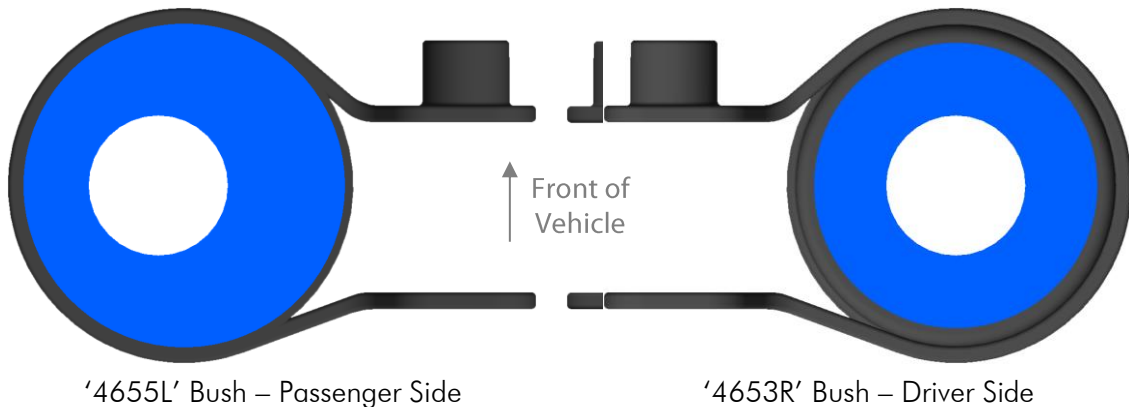
Table 01 – Brackets fitment

As viewed from the rear of the control arm, looking forward on rear bushing.

**SPF4653K** – Standard Replacement Kit  
No caster change



**SPF4654K** – Single Offset Kit  
Passenger Side caster correction of +0.6°



**SPF4655K** – Performance caster  
Passenger and Driver Side caster increase

