Fitting Instructions #2595IS
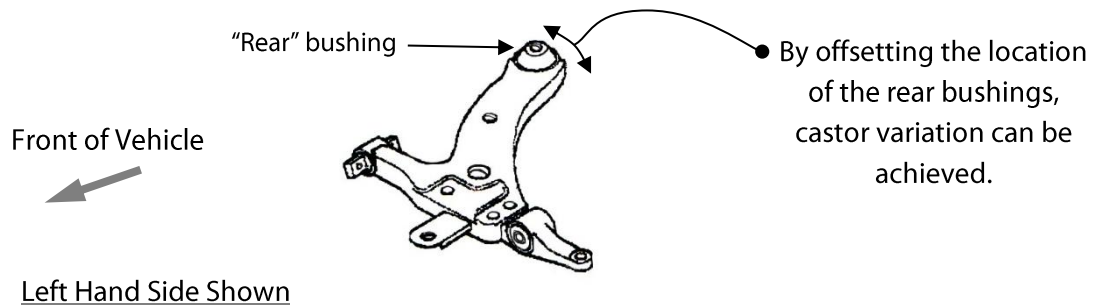
Hyundai Sonata
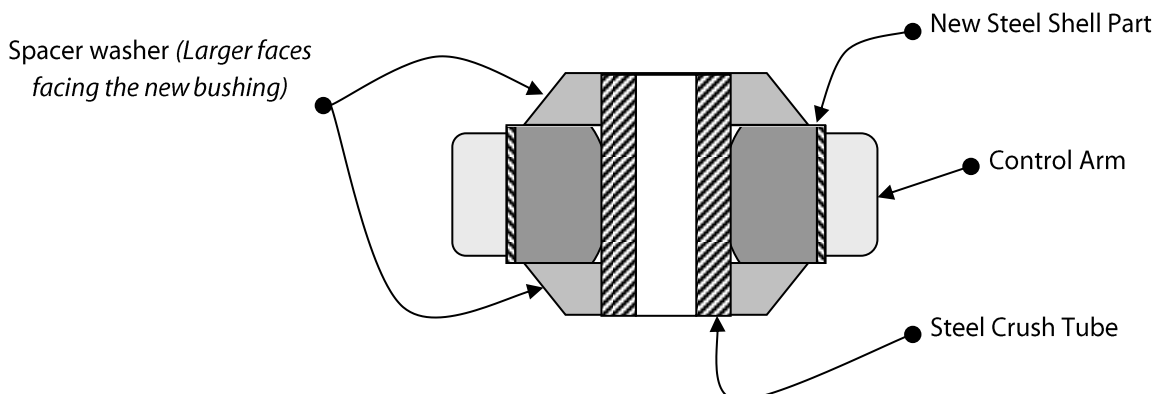
Front Lower Control Arm Rear Bushing (To suit Right-hand drive vehicles)

"Rear" bushing

By offsetting the location of the rear bushings, castor variation can be achieved.

Front of Vehicle

Left Hand Side Shown

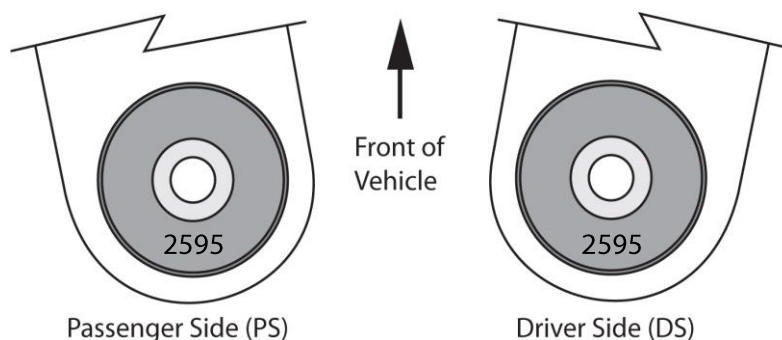**Note:** Polyurethane bushes must be fitted to both sides of the vehicle.

o   Wheel align the vehicle before the job is started and note castor settings;

o   Remove the control arms from the vehicle;

o   Remove original shell part from the control arms with the use of a hydraulic press and suitable pressing tools;

o   With reference to the diagrams, the kit number that you have purchased and the settings required, align the bushing in the control arms, so that the hole in the bushing is positioned to give the desired caster result;

o   Using the grease supplied, generously lubricate the outside of the steel tube, the polyurethane inside of the steel shell parts, and the inside of the spacer washers. Push the steel crush tubes into the bushes. A hand press may be required to insert the steel tube, as there can be significant crush;

o   Grease the faces of the spacer washers, and push them onto the tubes. The spacers are to be arranged as depicted in the diagram below (Larger face of spacers must face the new bushing);

o   Refit the control arms with the new bushes and washers into the vehicle;

o   Wheel align vehicle and check new settings;

o   All mounting bolts are to be tightened to manufactures torque specifications with the vehicle at ride height.

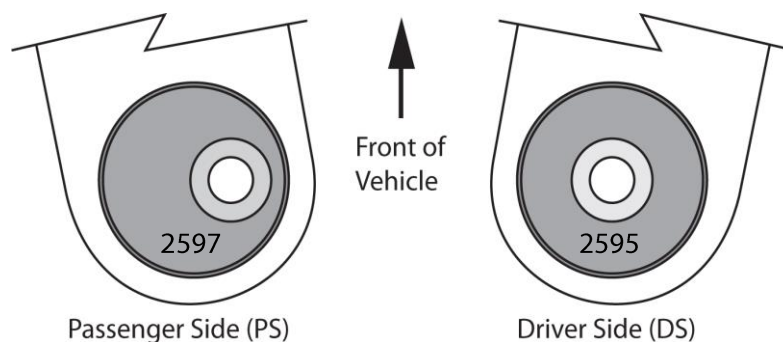### Side view of assembled new part in control arm

Spacer washer *(Larger faces facing the new bushing)*

New Steel Shell Part

Control Arm

Steel Crush Tube

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

Kit #2595K – Standard Replacement (No caster change)

Front of Vehicle

2595   2595
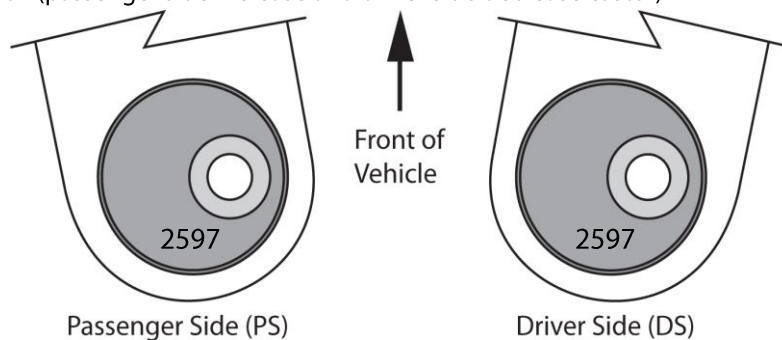
Passenger Side (PS)   Driver Side (DS)

Kit #2596K – To counteract a slight pull to the left
Single Offset – (passenger side castor increase & drivers side no castor change)

Front of Vehicle

2597   2595

Passenger Side (PS)   Driver Side (DS)

Kit #2597K – To counteract a strong pull to the left
Double Offset – (passenger side increase and driver side decrease castor)

Front of Vehicle

2597   2597

Passenger Side (PS)   Driver Side (DS)

Kit #2597K – Performance settings
Double Offset – (passenger and driver side increase castor)

Front of Vehicle

2597   2597

Passenger Side (PS)   Driver Side (DS)