

# Fitting Instructions #3170IS

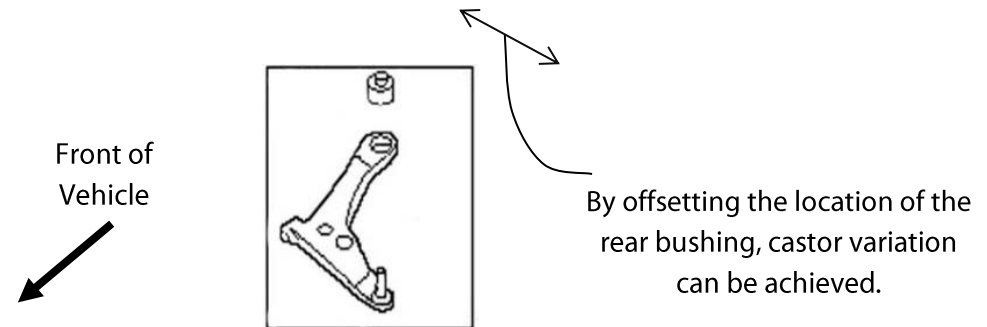
## Suzuki Swift RS415

### Front Lower Control Arm Inner Rear Bushing (To Suit Right-Hand Drive Vehicles)

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

- Wheel-align the vehicle before the job is started and note settings;
  - With the vehicle on jack stands/hoist remove the front wheels and remove the lower control arms;
  - Remove original shell part from the housing with the use of a hydraulic press and suitable pressing tools, take care to prevent stretching arm;
  - With reference to the diagrams and the settings required, align the bushing with the bracket so that the hole in the bush is positioned to give the desired result;
  - Press the bushes into the housings making sure to leave approx 8mm of the shell from the top of the control arm;
  - The crush tubes can now be fitted to the bushes. A generous amount of the white grease supplied must be applied to both the bore of the bush and the outside of the crush tube.
- Fit the spacers supplied over the crush tubes top and bottom, use the white grease supplied to lubricate the spacers;
  - Refit the control arms;
  - Wheel-align vehicle and check new settings;
  - All mounting bolts are to be torqued to manufactures specifications.

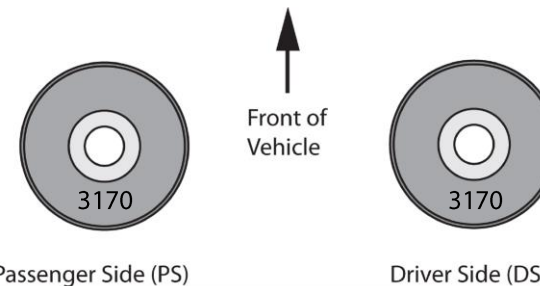
Left hand side shown



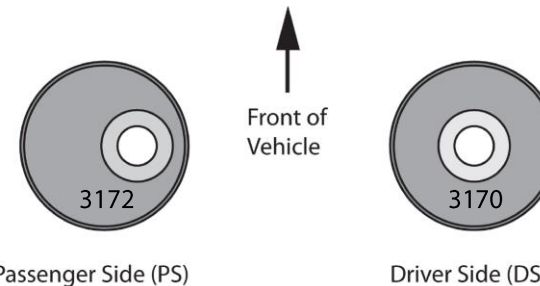
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As viewed from the top of the control arm.

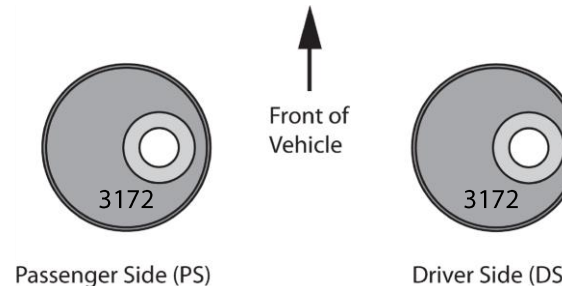
**Kit #3170K** – Standard Replacement. No castor change.



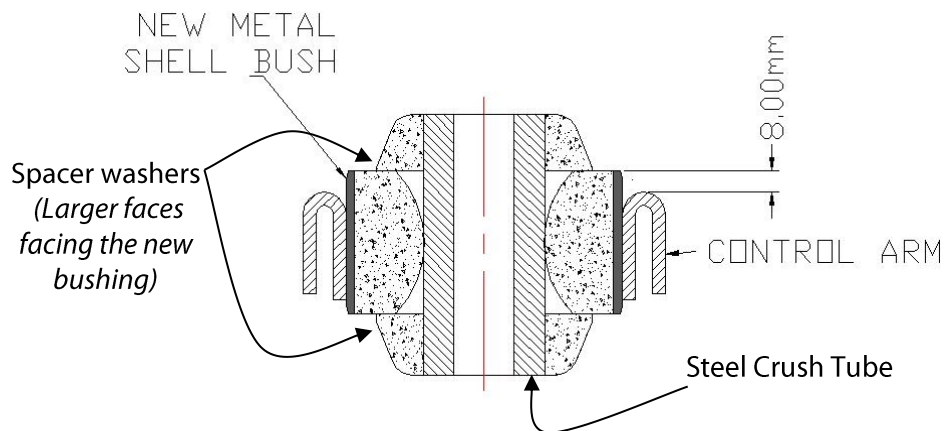
**Kit #3171K** – To counteract a slight pull to the left  
Single Offset, Passenger side castor increase (+0.5 degree).



**Kit #3172K** – To counteract a strong pull left  
Double Offset, passenger +0.5 degree and driver -0.5 degree castor.



**Table 1:** Illustration of Castor Settings



**Note** the orientation of the Spacer Washers.