

# Fitting Instructions #2266IS

Alfa Romeo 145, 146, 147, 155, 156, GTV, Spider

## Control Arm Lower-Inner Front & Rear



### Notes:

- This procedure must be carried out in a well-ventilated area.
- Wear all relevant safety equipment.
- Wheel Align the vehicle after fitment of the new bushes.
- At all stages, be careful not to damage the control arm or mounting brackets.

Before dismantling, mark orientation of mounting brackets in relation to the control arm i.e. front/rear/top as required to ensure correct installation of new bushings and re-assembly.

### Remove the Original Equipment (OE) bushings:

#### Front Bushing:

1. Gently heat the pin on the control arm to break the rubber bond between the bushing and the press fit steel tube. Allow time for the heat to travel through the length of the tube, excessive heat is not required. Do not allow the rubber to catch fire, a little smoke may be produced when the steel is hot enough. The bracket and bushing should slide off the control arm, leaving the tube.
2. Support the control arm and tube on an anvil and hammer along the length of the tube. Rotate and repeat until the tube is loosened and will slide off the control arm.
3. Heat the bracket to break the bond between the bracket and the rubber, and use a screwdriver to remove as much rubber as possible. Clean the inside of the bracket with emery paper.

#### Rear Bushing:

1. Use an air chisel or grinder to remove the outside washer. Repeat the heating and hammering steps used to remove the front bushing for models 145, 146, 155. For the 147 model which has an aluminium bracket step 3 is replaced with the following. Use an air chisel or similar to straighten the three metal prongs and then air chisel the bush out. heat must NOT be used to remove the bush from the housing as the alloy bracket will easily deform.

### Assemble the new bushings:

Using the supplied grease, lubricate all locations polyurethane and metal make contact. Be especially careful to lubricate the bore of the bushings and the inside of the mounting brackets.

Using a hand press, push the rear bushing (2267/3158) into the rear mounting bracket,

(install 2267 bushing so the large diameter flange is at the front side of the bracket) then press the flanged crush tube into the bushing. Put the flat washer onto the rear pin. Taking note of your orientation marks, use a hydraulic press to push the flanged crush tube and rear bushing onto the rear pin, trapping the flat washer.

Using a hand press, push the front bushing (2266/3157) into the front mounting bracket, then work the bushing as far onto the control arm as possible. The control arm can now be refitted to the vehicle.

**Note:** Crush tubes are not required in the front bushing location, as the bushings mount directly onto the pin on the control arm.

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