

Fitting Instructions #ALOY0020IS

Subaru Impreza WRX

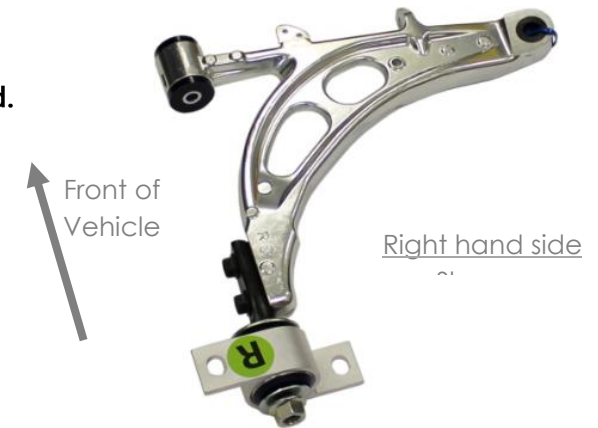
Front Lower Control Arm Upgrade



Note: This kit will suit vehicles from 1992- 2007 with a simple change to the front bushing.

For this reason, the arms are supplied with only the rear peg fitted to the arm, so some assembly is required.

Important: Alloy arms must be fitted to both sides of the vehicle



- Wheel-align the vehicle before the job is started and note settings.
- Jack the vehicle up and support on jack stands.
- Remove the factory front lower control arms.
- Measure the front lower control arm crush tube length take note of this dimension and set aside.

Note: As this kit suits multiple models the arms are supplied bare and correct front bushing crush tube combination will need to be selected from the parts supplied and be installed into the arm

- From the crush tube measurement attained earlier select the correct bushing crush tube combination
- **55mm long crush tube matches with bushes marked "1390"**
- **61mm long crush tube matches with bushes marked "2429"**
- Choose the correct bushings from the above and insert them into the front position of the arm, See FIG 1
- Lubricate the bore of the bush using the grease supplied and press the crush tube into place till the tube is flush with the bushing. This can be done by hand or alternatively use a bench vice or arbor press if required.
- **Note the crush tube should fit flush with the end of the bushing See FIG 2**
- For the rear bushing install slide the bigger diameter washer over the peg till it comes up against the shoulder. See FIG3
- Slide the bracket bushing assembly over the peg taking note of the bracket hand then fit the smaller rear washer followed by the nut and tighten see FIG 4.

Note this will be easier to fully tension once the arm is installed.

- Put a smear of grease on the ends of the front bushes and fit complete arm assembly to the vehicle.
- When installing ball joint nut be sure to use the flat washer supplied in the kit See FIG 4
- Torque all bolts in place see recommended settings on page 2, wheel align and note settings.
- Re check all fasteners at 1000 km or 600 Miles.

Front bushing install



FIG 1



FIG 2

Grease bore and push crush tube into place.

Rear bushing install.

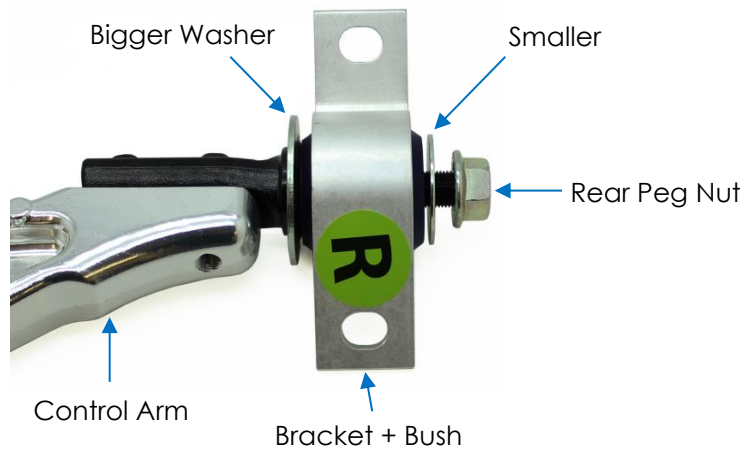


FIG 3

Ball Joint install detail



FIG 4

When fitting the ball joint nut use the supplied flat washer

Completed arm install.



- **Torque settings**
- **Front lower control arm bolt** **70 ft-lb** **95 Nm**
- **Front lower control arm bracket bolts** **103 ft-lb** **150 Nm**
- **Ball joint nut** **37 ft-lb** **50 Nm**
- **Front lower control arm rear peg nut** **140 ft-lb** **190 Nm**