

# Fitting Instructions #TRC0002IS

## Subaru WRX Impreza

### Roll Centre Adjusting Ball Joint



- Wheel align the vehicle before the job is started and note wheel alignment settings;
- Remove OE ball joint split pins, undo retaining nuts, and using a ball joint separator tool or similar to separate the ball joints from the control arms;
- Undo ball joint housing to hub retaining nut and remove through bolt;
- Lever the control arm down, remove OE ball joint from the hub. Replace with new roll center ball joint;
- Remove OE tie rod end split pins, and loosen tie rod end to steering arm and hub lock nut;
- Using a ball joint separator tool, loosen OE tie rod ends in the hub. Completely remove top nuts, remove tie rod ends from the hub, and undo from the steering arms;
- Fit new tie rod ends and tighten with new nuts and split pins supplied;
- Wheel align vehicle and check new settings;
- All mounting bolts are to be tightened to manufactures specifications with the vehicle at ride height.

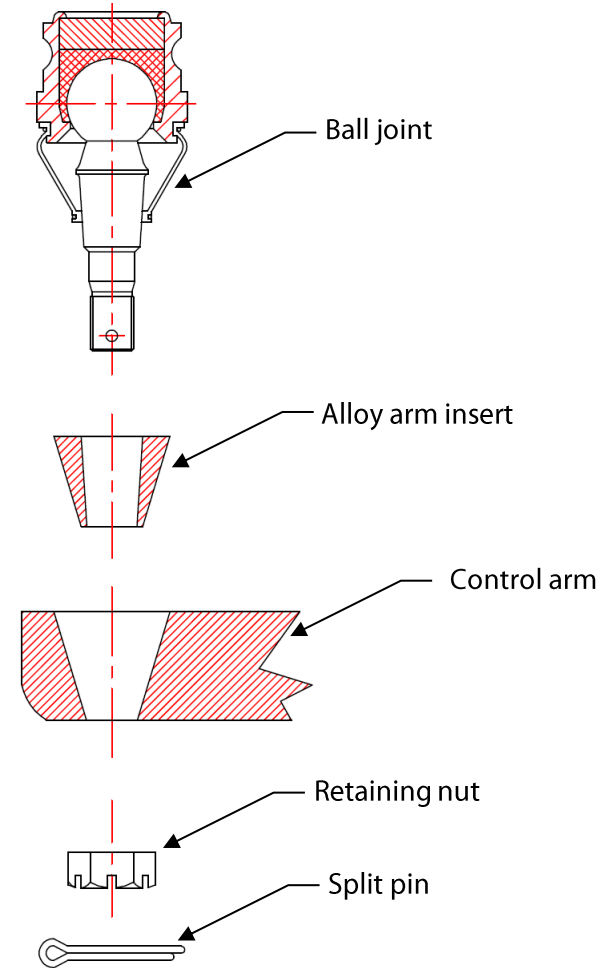


Figure 1: Kit contents



Figure 2: Roll center ball joint assembled in control arm

Figure 3: Roll center ball joint fitting schematic