



## Cam Bolt Torque and Zinc Plating

**Q1: I have one of your cam bolt kits with a D-shaped bolt. I cannot find proper torque specifications. What is the proper torque if it is not listed on your instructions?**

**A1:** Most of the time it is best to find the factory torque specifications for whatever bolt is being replaced. We also try to include torque tightening specifications on specific components in our kits. If you cannot find the proper specifications the following table may be useful. These are general torque values for our D-shaped bolts and nuts.

Bolt Size	Bolt Grade	Torque
M12	10.9	70 lb-ft, 95 Nm
M14	10.9	110 lb-ft, 150 Nm
M16	10.9	140 lb-ft, 190 Nm
M18	10.9	170 lb-ft, 230 Nm

**Q2: I have installed a zinc plated cam bolt kit and torqued the nut to specifications. I can still turn the bolt head slightly, but the cam does not move. Is this acceptable? Is there a problem with the zinc plated cam bolts?**

**A2:** The zinc plated cam bolt kits can be identified by the shiny silver or yellow coating on the bolts and cam washer plates. This smooth shiny surface may let the bolt 'rock' slightly back and forth within the tolerance of the 'D' shaped hole in the cam washer plate. As long as the bolt is torqued to specifications the clamping force will sufficiently hold the control arm in place. The slight movement is not an issue and additional torque should not be used to keep the bolt from 'rocking'.

