



SYNERGY MFG. 870 INDUSTRIAL WAY, SAN LUIS OBISPO, CA (805) 242-0397

PPM-8565 Dodge Stepped Cam Bolt Eliminator Kit

Version 1

GENERAL NOTES:

- These instructions are also available on our website; www.synergymfg.com. Check the website before you begin for any updated instructions and additional photos for your reference.
- These stepped cam bolt eliminators are designed for users who are removing cam bolts and upgrading to adjustable control arms
- These stepped cam bolt eliminators provide a smooth mounting surface for control arm bushings and help prevent damage to bushing faces or control arm joints due to non uniform clamping.
- Note:
 - 8565-01 is for 94-00 1500, 2500, 3500 4x4 trucks with 14mm bolts at the axle.
 - 8565-02 is for 01-09 2500, 3500 4x4 trucks with 16mm bolts at the axle.
 - 8565-03 is for 2010-2013 2500, 3500 4x4 trucks with 18mm bolts at the axle.

PARTS LIST:

- **8565-XX DODGE STEPPED CAM BOLT ELIMINATOR KIT**
 - (4) 8565-XX Stepped Cam Bolt Eliminators (See Note above for size / part number specifications)

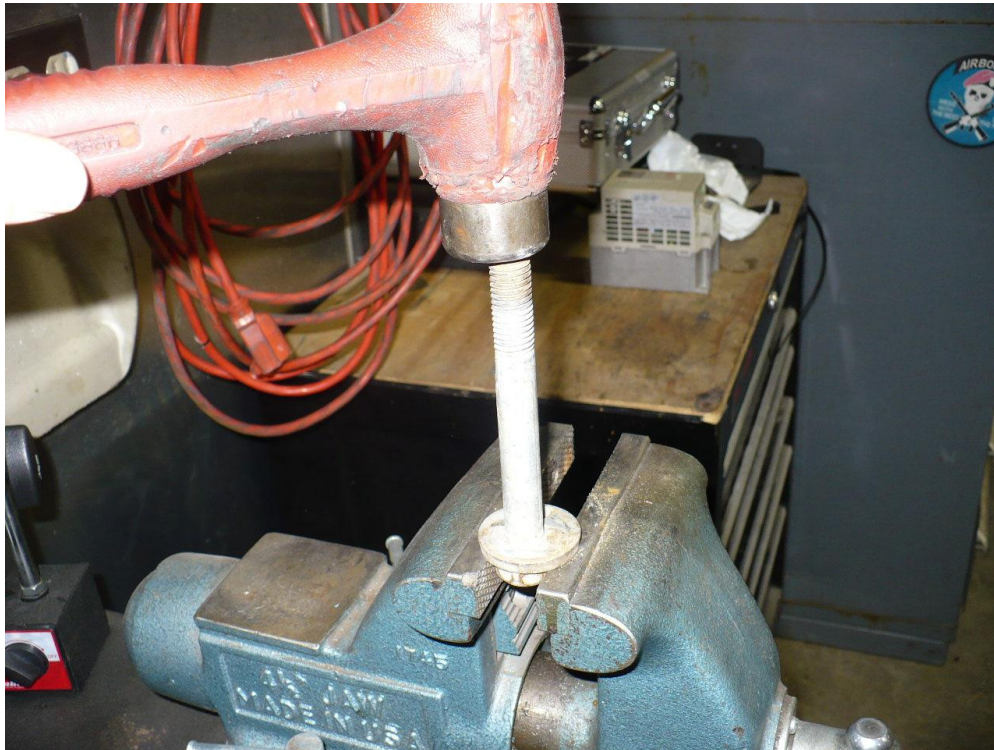
Parts / Tools Needed to complete installation:

- Basic simple hand tools
- Hammer
- Torque Wrench

APPROXIMATE INSTALL TIME: 1-2 HOURS

INSTALLATION:

1. The OEM cam bolts can be removed with the vehicle on the ground. Simply do one side at a time to prevent the axle from shifting.
2. Remove the factory control arm bolts.
3. Once removed, hammer out the OEM bolt from the factory cam bolt washer as pictured below.



4. With bolt removed, install the new stepped cam bolt eliminators. Dimensionally, the stepped cam bolt eliminators are the same, there is not one press fit and one slip fit like the OEM design. Install the stepped cam bolt eliminators onto the vehicle, with the raised end of the eliminator sitting inside the factory slot on the control arm bracket. See image below for proper installation.



5. With cam bolt eliminator installed, reinstall onto vehicle. Torque OEM bolts to follows:
 - 14mm – 125 ft-lbs
 - 16mm – 145 ft-lbs
 - 18mm – 200 ft-lbs