



DODGE/CHRYSLER 3.2, 3.5, 4.0L 24 VALVE V6 SOHC M11X1.5 HEAD BOLT THREAD REPAIR:

(VIN code -8th digit)

2005–2010 CHRYSLER 300 3.5L 24 VALVE SOHC VIN Code “G,V”
2003–2004 CHRYSLER 300M 3.5L 24 VALVE SOHC VIN Code “G,K”
1998–2001 CHRYSLER CONCORDE 3.2L 24 VALVE SOHC VIN Code “J”
2002–2004 CHRYSLER CONCORDE 3.5L 24 VALVE SOHC VIN Code “G”
1999–2001 CHRYSLER LHS 3.5L 24 VALVE SOHC VIN Code “G”
2004–2006 CHRYSLER PACIFICA 3.5L 24 VALVE SOHC VIN Code “4”
2007–2008 CHRYSLER PACIFICA 4.0L 24 VALVE SOHC VIN Code “X”
2007–2010 CHRYSLER SEBRING 3.5L 24 VALVE SOHC VIN Code “M,V”
2008–2010 CHRYSLER TOWN & COUNTRY 4.0L 24 VALVE SOHC VIN Code “X”
2008–2010 DODGE AVENGER 3.5L 24 VALVE SOHC VIN Code “V”
2009–2010 DODGE CHALLENGER 3.5L 24 VALVE SOHC VIN Code “G”
2006–2010 DODGE CHARGER 3.5L 24 VALVE SOHC VIN Code “G,V”
2008–2010 DODGE GRAND CARAVAN 4.0L 24 VALVE SOHC VIN Code “X”
1998–2000 DODGE/CHRYSLER INTREPID 3.2L 24 VALVE SOHC VIN Code “J”
2000–2004 DODGE/CHRYSLER INTREPID 3.5L 24 VALVE SOHC VIN Code “G,M,V”
2009–2010 DODGE JOURNEY 3.5L 24 VALVE SOHC VIN Code “S,V”
2005–2010 DODGE MAGNUM 3.5L 24 VALVE SOHC VIN Code “G,V”
2007–2011 DODGE NITRO 4.0L 24 VALVE SOHC VIN Code “X,6”
1999–2002 PLYMOUTH PROWLER 3.5L 24 VALVE SOHC VIN “G”
2009–2010 VOLKSWAGEN ROUTAN 4.0L 24 VALVE SOHC VIN Code “X”

17 M11x1.5 inserts are supplied in this kit (Requires 16 for this application)

IMPORTANT! Please read the “*UNIVERSAL INSTALLATION GUIDE*” provided in the kit in their entirety before proceeding. Details specific to repairing this engine regarding drilling & tapping depths along with insert installation depths are provided below.

******DO NOT RE-USE OLD HEAD BOLTS******

The threads on the old head bolts are often stretched out of pitch from torquing, causing them to tighten prematurely in the new inserts.

1. When mounting the drill/tap jig, follow the instructions on pages 3&4 using the provided tall and short spacer stacked, with the recessed end of the tall spacer facing downward. If it is necessary to mount the jig to a hole that has just been repaired, make sure to use a new head bolt. Old head bolts may be stretched out of pitch causing them to tighten prematurely in the new insert.
2. Drill the holes the entire length of the original hole depths (aprox. 3½” or 89mm), making sure to remove all factory threads.
3. The inserts are to be installed about 1.25in (32mm) deep below the deck surface (see page 4, figure 4 of the Installation Guide). To accomplish this, you will need to thread the holes about 3in. (76mm), deep from the deck surface.

Note: This kit is universal for many other engines as well since the outside thread size of the insert does not change. Inserts are also available with internal threads of M10x1.5, M10x1.25, M11x1.25, M12x1.5 and 7/16-14