

NEUSPEED®

POWER PULLEY KIT

2006-11/2007 AUDI A3(8P) & TT(8J), 2008 VW R32 up to Vin#
1K_8W160000, 2007-08 EOS up to Vin# 1F_8_028500 3.2L 24V-VR6
PART # 62.10.33

INSTALLATION INSTRUCTIONS

PART LIST: 1 – CRANKSHAFT PULLEY
1 – CRANKSHAFT BOLT

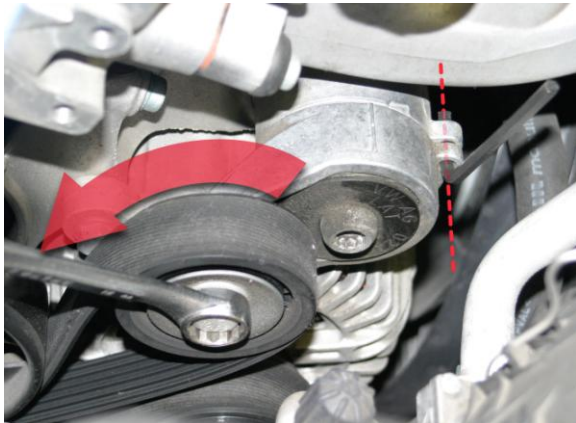
1 – BELT

TOOLS REQ: 1 – Ratchet
1 – 27 mm Socket
1 – 16 mm Wrench
1 – Chisel
1 – T25 Torx
1 – T30 Torx
1 – Torque Wrench

1 – File
1 – Die grinder and rotary file.
1 – Hammer
1 – T10069 Counter Holder
1 – T10027 Pin
1 – T40 Torx (TT)

NOTE: FACTORY TOOLS REQUIRED AND RECOMMEND PROFESSIONAL INSTALLATION.

1. Raise the vehicle and support with jack stand(s) under lifting points. **Never work on a vehicle supported only with a jack!**
2. Remove right front wheel.
3. Undo the Torx screws to remove lower engine pan. Now remove the passenger side lower inner fender liner – there are (5) T25 Torx in the fender well and (2) T25 Torx on the bottom of the front bumper cap. **NOTE:** Some models may vary slightly.



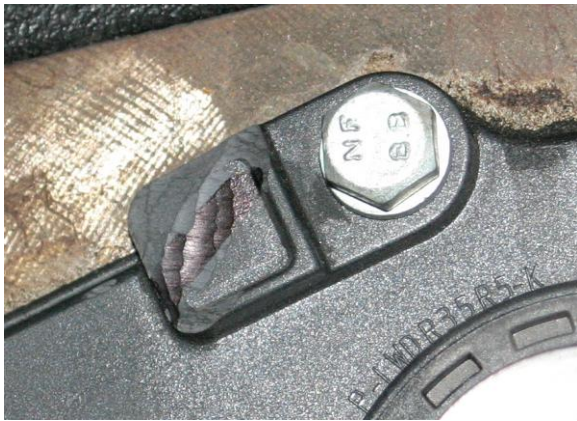
4. Put 16mm wrench onto bolt of tensioner pulley and turn CCW or in direction of arrow far enough until VW tool Pin (T10027) or equivalent can be inserted into tensioner holes to lock in place. Now remove ribbed drive belt.



5. Using VW tool Counter Holder (T10069) and 27 mm socket undo and remove bolt securing crankshaft pulley. Pull off pulley and shim washer on back side.
6. Remove any burrs or corrosion on nose of crankshaft and clean out threads.



7. Using a grinder or file remove 1/4" of material from corner of crank seal housing. Test fit supplied crankshaft pulley and check to see that there is at least 1/8" of clearance between housing and back side of pulley. Continue to remove material until clearance is achieved.



8. Finish grinding.



9. With a hammer and chisel, carefully remove key from crankshaft pulley. **NOTE:** Do not lose or destroy key, not available separately from VW Parts.



10. Remove any burrs from key with a file.



11. Install key in keyway of *NEUSPEED* crankshaft pulley and gently tap into position if required.

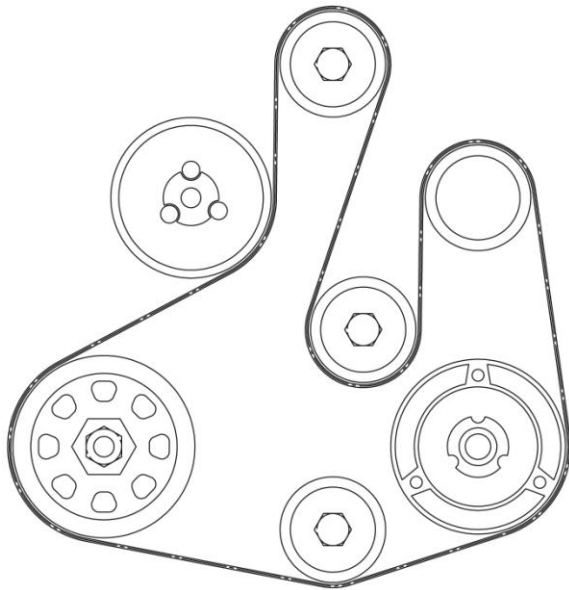


12. Install shim washer onto back side of pulley.



13. Position pulley on crankshaft and align key to keyway. Gently press pulley onto shaft. If pulley does not slide on shaft easily, remove and check for burrs or corrosion. If any burrs or corrosion exists, remove as necessary. **Use of excessive force to install the pulley will damage both the pulley and the crankshaft and will void warranty.**

14. Lightly coat with oil crank pulley surface to underside of bolt head. Install new bolt supplied and torque to 100Nm (74ft-lb.) plus an additional ½ turn using VW tool Counter Holder (T10069) and 27 mm socket.



15. Install new belt supplied in correct orientation as illustrated making sure belt is correctly seated in pulley grooves.
16. Once again using 16mm wrench on tensioner pulley bolt, turn CCW until tool T10027 or equivalent can be pulled out, now release tensioner.
17. Re-install inner fender liner and lower engine cover.
18. Install wheel and lug nuts. Raise vehicle, remove Jack Stands then lower vehicle. Torque lug nuts to recommended factory specifications.
19. Carefully check complete installation to be sure all fasteners are tight, the belt is correctly seated in grooves of each pulley and that nothing interferes with the pulleys or belt.

©Copyright 2010, *NEUSPEED*®. All rights reserved. Reproduction in whole or in part prohibited.
DOC.62.10.33 Rev. 06.18.10