

NEUSPEED®

POWER PULLEY KIT

2013.5-UP VW Jetta GLI & Beetle 2.0 TSI 210HP(CPPA) and 2014 Passat 1.8 TSI

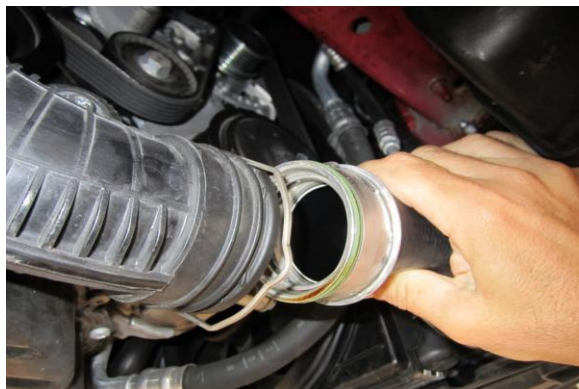
PART # 62.10.93

INSTALLATION INSTRUCTIONS

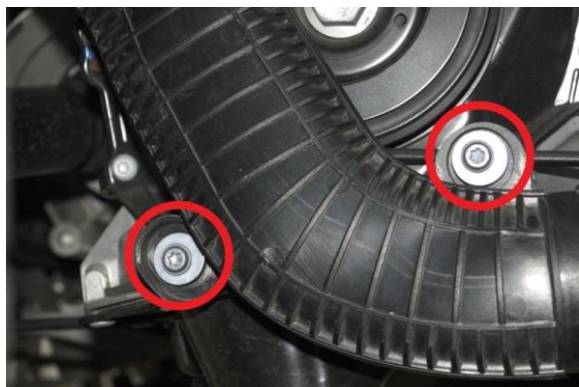
PART LIST:	1 - CRANKSHAFT PULLEY	1 - BELT
	1 - CRANKSHAFT BOLT	
TOOLS REQUIRED:	1 - 16mm Wrench	1 - Ratchet Wrench
	1 - T25 Torx	1 - VW Tool T10355 Counter Holder
	1 - T30 Torx	1 - Torque Wrench
	1 - 24mm Socket	1 - Long Handle Breaker Bar

NOTE: FACTORY TOOL REQUIRED AND PROFESSIONAL INSTALLATION RECOMMENDED.

1. Car Hoist required, vehicle not high enough from ground with a jack or jack stands.
2. Remove lower engine splash guard and passenger side plastic inner fender liner (T25 Torx) to expose crankshaft pulley.



3. Pull-out clip to release rubber intercooler hose from turbo discharge plastic pipe.



4. Unbolt turbo discharge plastic pipe from engine just below crankshaft pulley, (2) T30 Torx.



5. Pull-out clip to release upper rubber hose from turbo, and then remove turbo discharge pipe.



6. Remove discharge pipe mounting bracket from engine using T30 Torx.

7. Before removing ribbed belt, mark running direction with marking pen if the stock belt and pulley is ever to be re-installed.



8. Using a 16mm wrench, rotate idler pulley center bolt upwards to release tension and remove ribbed belt. Now slowly release belt tensioner.



9. Using the 24mm socket on crankshaft pulley bolt, rotate engine clockwise to the "TDC" position (Top Dead Center). The notch on the pulley must line-up with the arrow marking on the lower timing chain cover located at the 4 o'clock position.

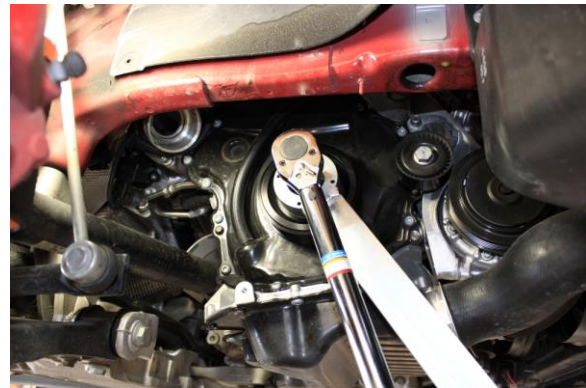
CAUTION: THE CRANKSHAFT MUST NOT BE MOVED OUT OF THE "TDC" POSITION WHEN THE PULLEY AND BOLT IS REMOVED OR ENGINE DAMAGE WILL RESULT. DO NOT LET ENGINE TURN WHEN REMOVING OR TIGHTENING PULLEY BOLT.



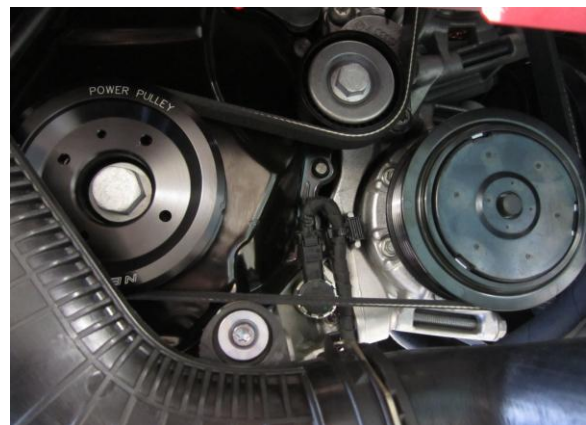
10. Loosen pulley bolt using 24mm socket with long handle breaker bar and T10355 Counter Holder tool to hold engine from turning. Remove bolt and pulley. **NOTE:** Apply pressure on pulley to crankshaft to hold in place when removing bolt.



11. Use a little oil on timing cover seal and "O" ring on bolt. Install **NEUSPEED** pulley matching up tooth contour on pulley with crankshaft chain sprocket, while holding against chain sprocket install new bolt supplied and hand tighten.



12. Torque bolt to 150Nm (111 ft. lbs.) + 90° (¼) turn with torque wrench and T10355 Counter Holder tool. Then install supplied ribbed belt.



13. Reinstall discharge pipe mounting bracket, discharge pipe, fender liner and lower engine cover.

14. 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.

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