

Part # 5012

VW/Audi Crankshaft PTFE Rear Seal Installer

- Used when assembling crankshaft PTFE seal & flywheel end
- Provides proper installation of rear main seal
- For 2008 - 2017 vehicles with TSI engine only. Includes 2 guide pieces, 3 thrust pieces and a crankshaft seal installer
- Compare to Factory Tool #'s T10122/1, T10122/2, T10122/3, T10122/4, T10122/5, T10122/6a & T10122C



Application Details:

Make	Model	Submodel	Engine
Audi	A3 8P	FWD	2.0T
Audi	B5 A4	FWD	1.8T
Audi	B5 A4	Quattro	1.8T
Audi	B6 A4	FWD	1.8T
Audi	B6 A4	Quattro	1.8T
Audi	B7 A4	FWD	2.0T
Audi	B7 A4	Quattro	2.0T
Audi	C5 A6	Quattro	2.7T
Audi	C5	Allroad Quattro	2.7T
Audi	TT MKI	FWD	180HP
Audi	TT MKI	Quattro	180HP
Audi	TT MKI	Quattro	225HP
Audi	TTS	MK2 (2006-2013)	2.0T
Volkswagen	337/20AE	All	1.8T
Volkswagen	EOS	All	2.0T
Volkswagen	Golf IV	All	1.8T
Volkswagen	Golf IV	All	2
Volkswagen	Golf IV	All	TDI
Volkswagen	Golf V	All	2.0T
Volkswagen	Jetta IV	All	1.8T
Volkswagen	Jetta IV	All	2
Volkswagen	Jetta IV	All	TDI
Volkswagen	Jetta IV GLI	All	1.8T
Volkswagen	Jetta V	All	2.0T
Volkswagen	Jetta V	All	TDI
Volkswagen	New Beetle	All	1.8T
Volkswagen	New Beetle	All	2
Volkswagen	New Beetle	All	TDI
Volkswagen	Passat B5	4 Motion	1.8T
Volkswagen	Passat B5	FWD	1.8T
Volkswagen	Passat B5	4 Motion	V6 30v
Volkswagen	Passat B5	FWD	V6 30v
Volkswagen	Passat B6	FWD	2.0T



CAUTION: To prevent injury, always wear gloves and eye protection that meets ANSI Z87.1 and OSHA standards.
CAUTION: To prevent equipment damage, clean and lubricate threaded screws and holes before and after use.

INSTRUCTIONS:

Removal:

1. Remove the accessory drive belts.
2. Remove the crankshaft pulley/harmonic balancer.
3. Remove the flywheel/flexplate. This may require holding the crankshaft in place with a locking tool (T10122/5).
4. Remove the old crankshaft rear main seal. Be careful not to damage the sealing surfaces.

Installation:

1. Thoroughly clean and inspect the crankshaft seal contact areas. Repair any nicks or burrs.
2. Apply a light coating of clean engine oil to the seal contact surfaces on the crankshaft.
3. Install the proper 5012 guide pieces (T10122/1, T10122/2) onto the crankshaft. There are 2 different sizes provided. Test fit as needed to determine the correct size.
4. Install the 5012 thrust pieces (T10122/3, T10122/4) onto the crankshaft, seated against the installed guide pieces. There are 3 different sizes provided. Select the correct size and quantity needed for your application.
5. Slide the new crankshaft rear main seal onto the 5012 installer tool (T10122C). The lip of the seal should face away from the tool handle.
6. Position the seal installer tool with new seal over the end of the crankshaft. Align the seal with the crankshaft and gently tap the installer handle with a mallet to work the seal into position.
7. Remove the installer tool (T10122C) and inspect the seal to ensure it is fully seated.
8. Reinstall the flywheel/flexplate and torque bolts to specification.
9. Reinstall pulley/harmonic balancer and torque bolt(s) to specification.
10. Reinstall accessory drive belts and adjust to proper tension.

Double check all installation steps are complete and crankshaft rotates freely. Start engine and inspect for leaks. Install any other removed accessories before returning vehicle to service.

