



TECHNICAL
SERVICE
BULLETIN
NO. 2514

DOWEL PIN ALIGNMENT FOR WATER COOLED VW CLUTCHES

Water cooled Volkswagens and Chrysler Omni / Horizons with Volkswagen transmissions have clutch systems that are unusual in that the cover assembly is bolted to the crankshaft, and the flywheel is then bolted to the cover assembly.

Care should be taken when installing the flywheel to the clutch cover. The flywheel has alignment dowels that must be properly aligned with the correct holes or notches in the clutch cover. This procedure is made difficult because the flywheel fits over the clutch cover, making visual inspection impossible.

If the alignment dowels are not properly aligned, the clutch cover stamping will be bent. This will cause the cover to lift unevenly resulting in release problems and/or chatter.

The following part numbers use this type of alignment system:

16-96005	16-96016	20-96006
16-96006	16-16009	20-96007
16-96007	20-96005	20-96016
	20-96105	

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