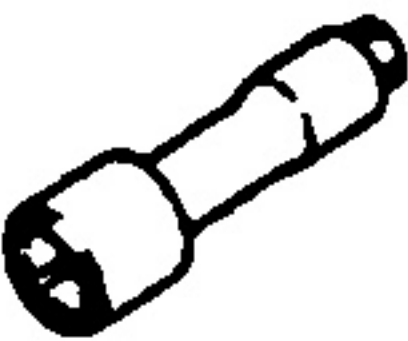

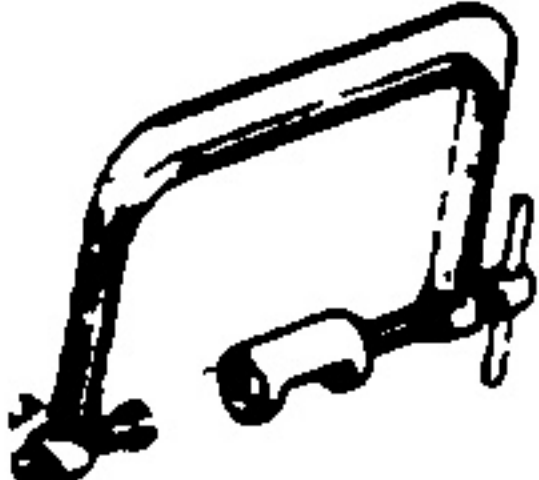


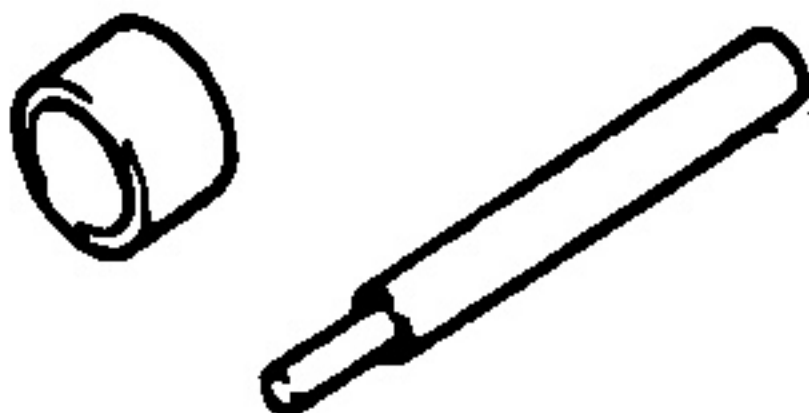






## GENERAL



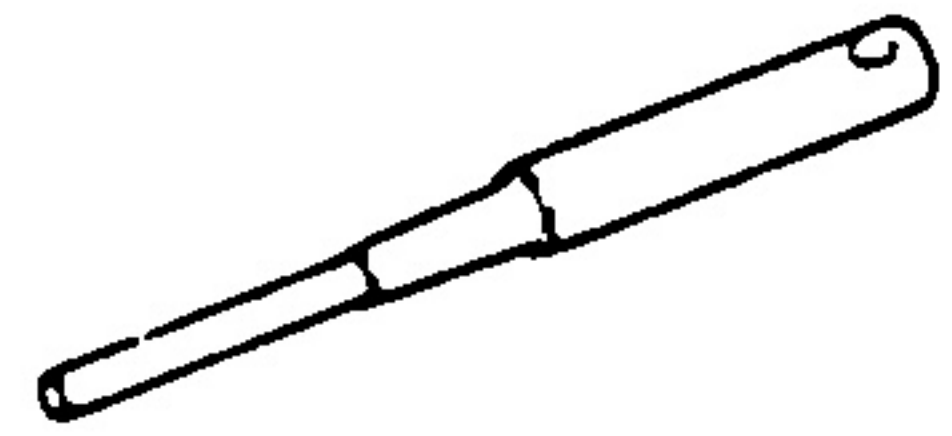
Symptom	Probable cause	Remedy
Excessive engine wobble or vibration (with engine in normal condition)	Cracked or split insulator rubber, or incorrect mounting angle	Retighten or replace
	Loose mounting	
Abnormal noise	Insufficiently tightened parts	Retighten

## SPECIAL TOOLS

Tool (Number and name)	Use	Tool (Number and name)	Use
MD998360 Cylinder head bolt wrench 	Removal and installation of cylinder head bolt	MD998054 Oil pressure switch wrench 	Removal and installation of oil pressure switch
MD998303 Valve spring compressor 	Removal and installation of valve	MD998304 Crankshaft front oil seal installer 	Installation of crankshaft front oil seal
MD998306 Camshaft oil seal installer 	Installation of camshaft oil seal	MD998301 Valve guide installer 	Installation of valve
MD998302 Valve stem seal installer 	Installation of valve stem seal	MD998305 Crankshaft front oil seal guide 	Installation of crankshaft front oil seal

## GENERAL



Tool (Number and name)	Use	Tool (Number and name)	Use
MD998307 Camshaft oil seal guide	Installation of camshaft oil seal	MD998300 Piston pin setting tool	Removal and installation of piston pin
 Valve seat cutter MD998171 (30° - O.D. 32 mm) MD998173 (30° - O.D. 40 mm) MD998156 (45° - O.D. 32 mm) MD998158 (45° - O.D. 40 mm) MD998165 (65° - O.D. 44 mm) MD998614 (65° - O.D. 32 mm)	 Correction of valve seat	 MD998615 Valve seat cutter pilot Correction of valve seat	

### ON-VEHICLE SERVICE

#### Valve Clearance Adjustment

Adjustment condition: Normal operating temperature

Place piston in No. 1 cylinder at top dead center on compression stroke to adjust valve clearances marked (A).

Loosen nut and adjust to specification with adjusting screw. Then retighten nut.

After nut has been retightened, check to see if clearance is correct.

Place piston in No. 4 cylinder at top dead center on compression stroke to adjust valve clearances marked (B).

Check idle speed and readjust if necessary

