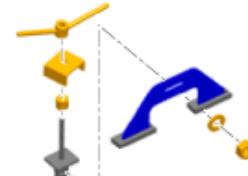




Special Service Tools

Tool Name / Number	Illustration	Description
Crankshaft front oil seal installer 09231-3C100		Used for installing crankshaft front oil seal
Valve stem seal installer 09222-2W100		Used for installing valve stem seal
Valve spring compressor & holder 09222-3K000 (Compressor) 09222-3K100 (Holder)		Used for removing / installing intake or exhaust valve
Crankshaft rear oil seal installer 0K231-J5100 (Installer) 09231-H1100 (Holder)		Used for installing crankshaft rear oil seal
Oil pan remover 09215-3C000		Used for removing oil pan
Crankshaft damper pulley fixing tool 09231-2J200 Crankshaft damper pulley adapter holder 09231-2J210 Crankshaft damper pulley fixing tool washer 09231-D2100		Used for keeping crankshaft damper pulley from rotating when removing / installing crankshaft damper pulley bolt
Engine support fixture (bar) 09200-3N000		
Engine support fixture (supporter) 09200-2S000 09200-2S100 09200-2S200		



* Engine support fixture special tool assembly drawing

