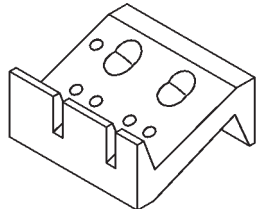
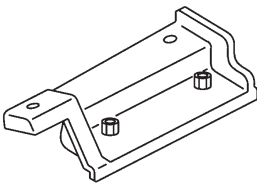
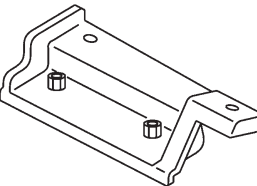
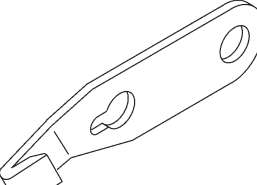
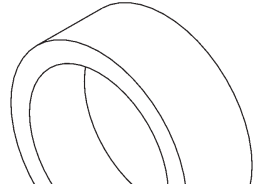
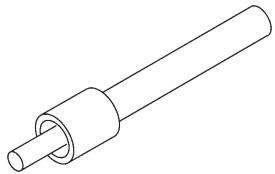
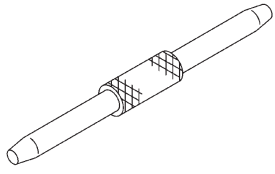
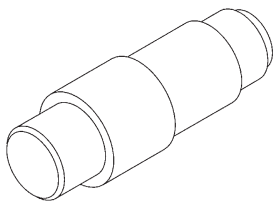
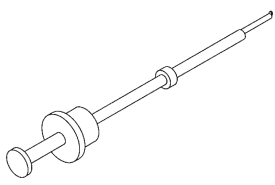
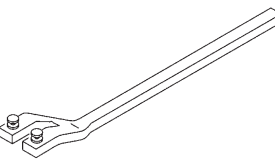


**1-6 [G100]**  
 1. Engine Tools

**SPECIAL TOOLS**
**1. Engine Tools**

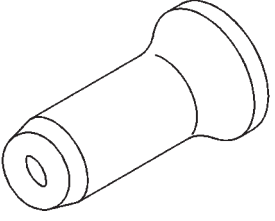
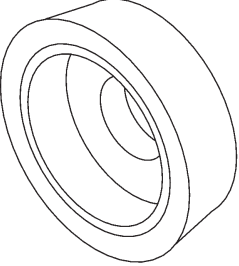
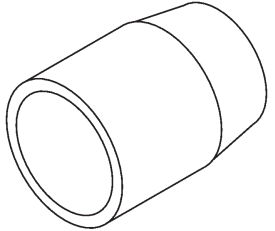
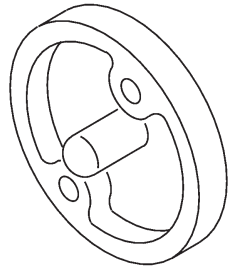
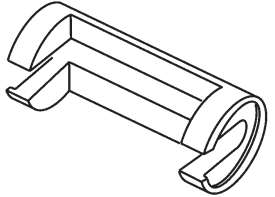
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 B1H0304	498267800	CYLINDER HEAD TABLE	<ul style="list-style-type: none"> <li>Used for replacing valve guides.</li> <li>Used for removing and installing valve springs.</li> </ul>
 G1H0128	498457000	ENGINE STAND ADAPTER RH	Used with ENGINE STAND (499817000).
 G1H0129	498457100	ENGINE STAND ADAPTER LH	Used with ENGINE STAND (499817000).
 B1H0194	498497100	CRANKSHAFT STOPPER	Used for stopping rotation of flywheel when loosening and tightening crankshaft pulley bolt, etc.
 B1H0195	498747300	PISTON GUIDE	Used for installing piston in cylinder.

**SPECIAL TOOLS****[G100] 1-6**  
1. Engine Tools

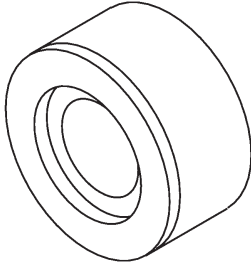
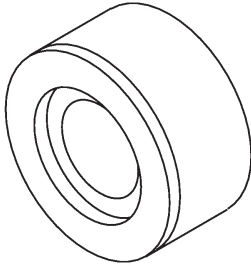
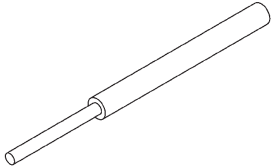
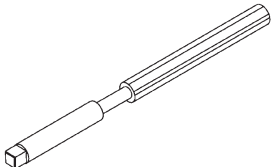
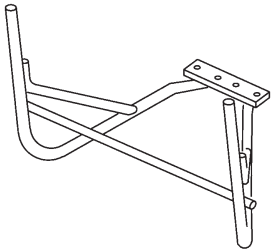
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>B1H0197</p>	498857100	VALVE OIL SEAL GUIDE	Used for press-fitting of intake and exhaust valve guide oil seals.
 <p>B1H0198</p>	499017100	PISTON PIN GUIDE	Used for installing piston pin, piston and connecting rod.
 <p>B1H0199</p>	499037100	CONNECTING ROD BUSHING REMOVER & INSTALLER	Used for removing and installing connecting rod bushing.
 <p>B1H0200</p>	499097700	PISTON PIN REMOVER ASSY	Used for removing piston pin.
 <p>B1H0201</p>	499207100	CAMSHAFT SPROCKET WRENCH	Used for removing and installing camshaft sprocket (LH side).

**1-6 [G100]**  
 1. Engine Tools

**SPECIAL TOOLS**

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 S1H0136	499587700	CAMSHAFT OIL SEAL INSTALLER	Used for installing cylinder head plug.
 B1H0204	499587200	CRANKSHAFT OIL SEAL INSTALLER	<ul style="list-style-type: none"> <li>• Used for installing crankshaft oil seal.</li> <li>• Used with CRANKSHAFT OIL SEAL GUIDE (499597100).</li> </ul>
 H1H0494	499597000	CAMSHAFT OIL SEAL GUIDE	<ul style="list-style-type: none"> <li>• Used for installing camshaft oil seal.</li> <li>• Used with CAMSHAFT OIL SEAL INSTALLER (499587100).</li> </ul>
 H1H0495	499597100	CRANKSHAFT OIL SEAL GUIDE	<ul style="list-style-type: none"> <li>• Used for installing crankshaft oil seal.</li> <li>• Used with CRANKSHAFT OIL SEAL INSTALLER (499587200).</li> </ul>
 G1H0142	499718000	VALVE SPRING REMOVER	Used for removing and installing valve spring.

**SPECIAL TOOLS****[G100] 1-6**  
1. Engine Tools

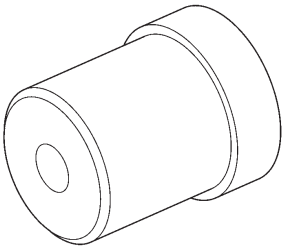
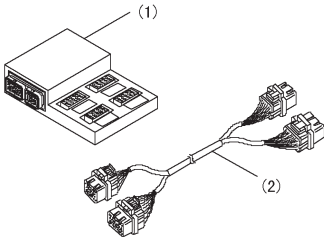
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>H1H0496</p>	499767700	VALVE GUIDE ADJUSTER	Used for installing intake valve guides.
 <p>H1H0496</p>	499767800	VALVE GUIDE ADJUSTER	Used for installing exhaust valve guide.
 <p>B1H0205</p>	499767200	VALVE GUIDE REMOVER	Used for removing valve guides.
 <p>B1H0206</p>	499767400	VALVE GUIDE REAMER	Used for reaming valve guides.
 <p>G1H0146</p>	499817100	ENGINE STAND	<ul style="list-style-type: none"> <li>• Stand used for engine disassembly and assembly.</li> <li>• Used with ENGINE STAND ADAPTER RH (498457000) &amp; LH (498457100).</li> </ul>

**1-6 [G100]**  
 1. Engine Tools

**SPECIAL TOOLS**

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
<p>B1H0274</p>	499977100	CRANK PULLEY WRENCH	Used for stopping rotation of crankshaft pulley when loosening and tightening crankshaft pulley bolts.
<p>G1H0148</p>	499987500	CRANKSHAFT SOCKET	Used for rotating crankshaft.
<p>B1H0208</p>	498547000	OIL FILTER WRENCH	Used for removing and installing oil filter.
<p>B1H0286</p>	499497000	TORX PLUS	Used for removing and installing camshaft cap.
<p>S1H0136</p>	499587500	OIL SEAL INSTALLER	Used for installing front camshaft oil seal.

**SPECIAL TOOLS****[G100] 1-6**  
1. Engine Tools

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p data-bbox="524 599 615 622">B1H0458</p>	499587100	OIL SEAL INSTALLER	Used for installing oil pump oil seal.
 <p data-bbox="524 925 615 948">S1H0106</p>	498307600	CHECK BOARD KIT	Troubleshooting for engine electrical systems. (1) CHECK BOARD: 498307610 (2) CHECK BOARD ADAPTER: 498307620