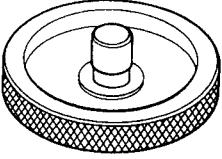

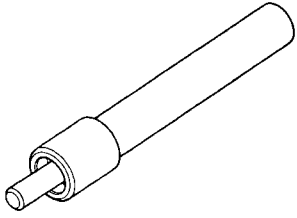
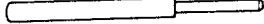
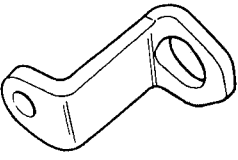

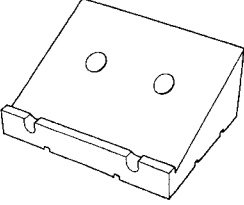
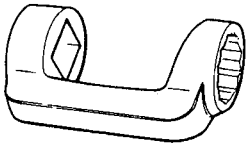
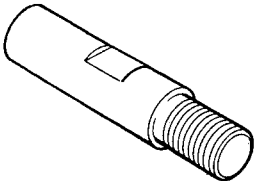

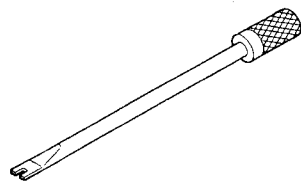
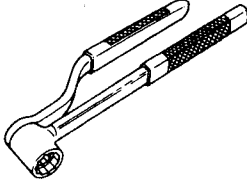
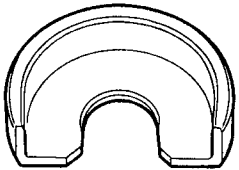
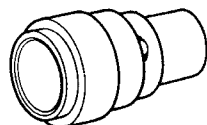

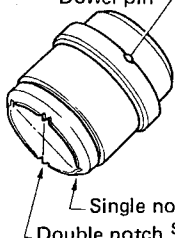
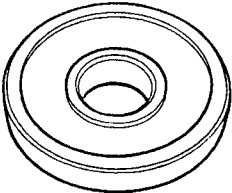
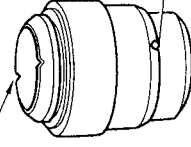


## 4. Special Tool List

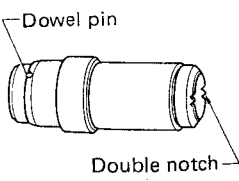
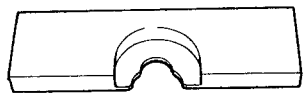
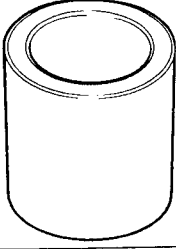
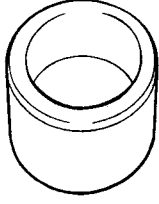
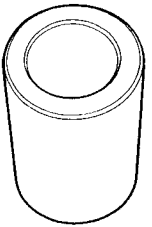
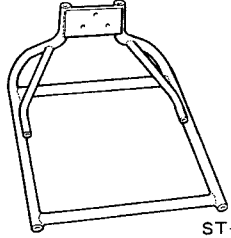
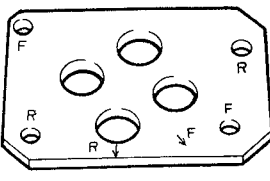
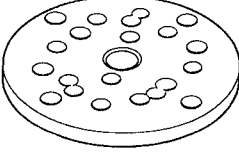
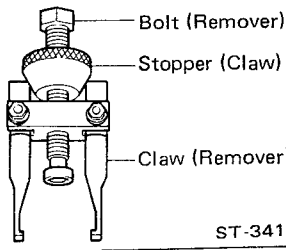
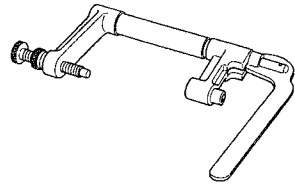
### 1) Engine tools

Tool No.	Tool Name	Tool No.	Tool Name
398722100	Press (Crankshaft rear oil seal)	399762102	Adjuster (Valve guide)
 ST-045	For press-fitting of crankshaft rear oil seal.	 ST-060	For press-fitting of valve guide.
398852100	Installer (Oil seal)	399762103	Remover (Valve guide)
 ST-054	For press-fitting of intake - and exhaust.	 A5-147	For removing of valve guide.
399722100	Press (Valve spring)	399762104	Reamer (Valve guide)
 ST-056	Attachment for removing and installing cylinder head valve spring.	 A5-150	For reaming of valve guide.
399762101	Table (Cylinder head)	399982100	Socket wrench (14)
 ST-058	For replacing of valve guide.	 A3-065	For retightening cylinder head bolts.

# Special Tool List


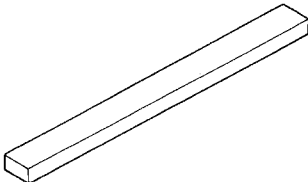

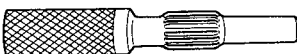



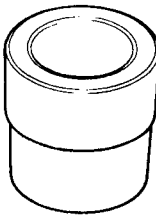
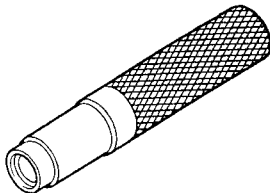
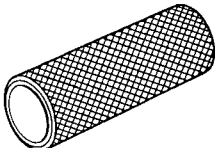
Tool No.	Tool Name	Tool No.	Tool Name
498085400	Pin (Cam timing adjuster)	498745500	Guide (Piston)
 ST-332	Used as a set with Plate (498715400). Used to lock pulley (Driven camshaft) bolt.	 A5-155	For inserting of piston.
498297100	Driver (Idle adjust)	498767000	Adjuster (Valve clearance)
 A3-166	Used to turn mixture adjusting screw on carburetor.	 ST-029	For adjusting of valve clearance.
498515600	Replacer (Balancer sprocket)	498835400	Press (Mechanical seal)
 ST-333	For press-fitting of sprocket on balancer shaft.	 ST-052	For installing and removing of mechanical seal.
498715410	Plate (Cam timing adjuster)	498835500	Press CP (Front balancer metal)
 ST-373	Crankshaft (1) Cam timing gauge. (2) For removing and installing of pulley (Crankshaft) bolt. (3) For removing and installing of pulley (Driven camshaft) bolt.	 Dowel pin Single notch Double notch ST-336	For press-fitting and removing of front balancer metal for shaft 2. <i>Fig. 4-17</i>
498735500	Press (Balancer sprocket)	498835600	Press CP (Rear balancer metal)
 ST-335	For press-fitting of sprocket on balancer shaft.	 Dowel pin Single notch ST-337	(1) For press-fitting of rear metal in balancer shaft. (2) For press-fitting of plug (38) in crankcase.

# Special Tool List

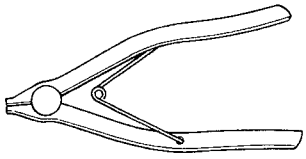
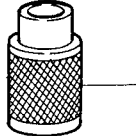
Tool No.	Tool Name	Tool No.	Tool Name
498835700	Press CP2 (Rear balancer metal)	499715500	Remover (Crankshaft)
 <p>ST-338</p>	<p>(1) For press-fitting of rear metal in balancer shaft 2. (2) For removing of rear balancer metal for shafts 1 and 2.</p>	 <p>ST-342</p>	<p>Used with Installer (499585400) to install sprocket on crankshaft. Used to remove balancer shaft sprocket 1 and 2.</p>
499565400	Installer (Balancer shaft)	499795400	Installer (Mechanical seal)
 <p>ST-375</p>	<p>For press-fitting of balancer shaft 1.</p>	 <p>ST-343</p>	<p>For installing of mechanical seal.</p>
499585400	Installer (Crankshaft sprocket)	499815400	Stand-CP (Engine)
 <p>ST-339</p>	<p>Used with Crankshaft Remover (499715500) to install sprocket on crankshaft.</p>	 <p>ST-344</p>	<p>Stand used for engine disassembly and assembly.</p>
499685500	Plate (Mechanical seal remover)	899521421	Puller
 <p>ST-340</p>	<p>Used with Remover (499715400) to remove mechanical seal with engine mounted on body.</p>	 <p>ST-068</p>	<p>Used to draw out crankshaft pulley.</p>
499715400	Remover (Mechanical seal)	899724100	Press ASSY (Valve spring)
 <p>ST-341</p>	<p>Used with Plate (499685500) to remove mechanical seal with engine mounted on body.</p>	 <p>ST-070</p>	<p>For removing and installing of cylinder head valve spring. Used with Press (399722100).</p>

# Special Tool List

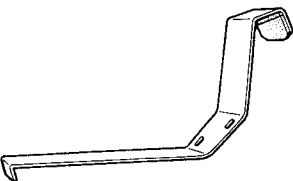

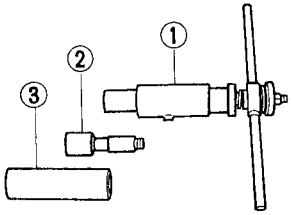
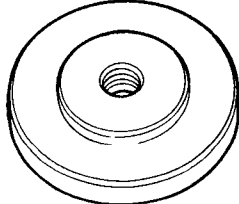
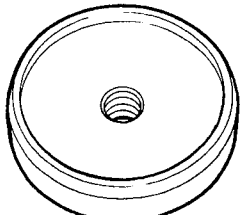
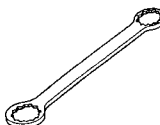
## 2) Transmission tools

Tool No.	Tool Name	Tool No.	Tool Name
398791600	Remover 2 (Straight pin)	499575400	Gauge (Bearing height)
 A12-174	For installing and removing shifter fork straight pin (5×22).	 ST-352	For measuring bearing height when selecting differential assembly thrust washer.
398791700	Remover 2 (Straight pin)	499745400	Guide (Clutch disc)
 A12-174	For installing and removing selector arm spring pin (6×22).	 ST-372	For centering MT clutch disc.
498275500	Stopper (Shift rod)	499755401	Guide (Snap ring)
 ST-347	For fixing shift rod after gear change; also used for snap ring (Outer 47).	 ST-355	For installing rear drive pinion snap ring (Outer 47).
499415400	Installer (Accent ball)	499755402	Press (Snap ring)
 ST-374	For installing of accent ball into selector plunger.	 ST-356	Used with Guide (499755401).
499827000	Press (Speedometer oil seal)	899754102	Press (Snap ring)
 ST-147	For press-fitting side cover speedometer oil seal.	 ST-080	For installing rear drive pinion snap ring (Outer 47).

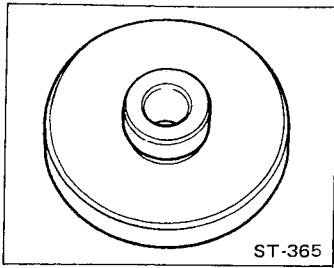
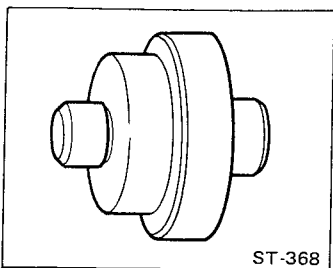
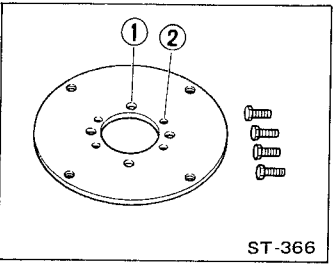
# Special Tool List

Tool No.	Tool Name	Tool No.	Tool Name
899474100	Expander (Snap ring)	899754112	Press (Snap ring)
 ST-075	For installing and removing rear drive pinion snap ring (Outer 20).	 A11-025	For press-fitting clutch release bearing. Prepared for a part of Snap ring press ASSY (899754110).

## 3) Body tools

Tool No.	Tool Name	Tool No.	Tool Name
921470000	Supporter (Engine)	922441000	Stand (Housing ASSY)
 ST-357	Used to support engine when installing and removing transmission.	 ST-362	For press-fitting bearing and oil seal in housing.
922430000	Installer (Front axle shaft)	922450000	Installer (Housing ASSY inner oil seal)
 ST-361	For press-fitting front axle shaft in housing.	 ST-363	For press-fitting oil seal (OUT) in housing.
922460000	Installer (Housing ASSY outer oil seal)	925640000	Spanner (Steering gear box)
 ST-364	For press-fitting oil seal (IN) in housing.	 A3-167	For adjusting steering gear box backlash.

# Special Tool List

Tool No.	Tool Name	Tool No.	Tool Name
922470000	Bearing installer (Housing ASSY)	925741000	Bearing installer (Rear brake drum)
 <p>ST-365</p>	For press-fitting ball bearing in housing.	 <p>ST-368</p>	For press-fitting bearing and oil seal in rear brake drum.
922490000	Remover (Brake drum)		
 <p>ST-366</p>	<p>For removing brake drum and housing ASSY from front axle.</p> <ol style="list-style-type: none"> <li>1. 4 - 11.5 mm (0.16 - 0.453 in) dia. hole for brake drum</li> <li>2. 4 - 9.5 mm (0.16 - 0.374 in) dia. hole for housing</li> </ol>		