





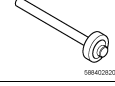

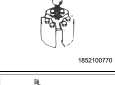

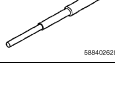
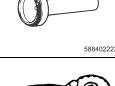
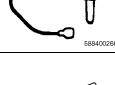
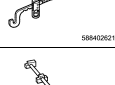
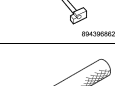
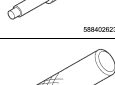
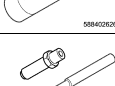

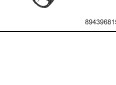
# SPECIAL TOOLS LIST FOR TIER 3, IT4 and TIER 4 ISUZU ENGINES REQUIREMENTS

<b>A</b>	Minimum requirement for Distributors.	<input type="checkbox"/>	New tool for that engine.
<b>B</b>	Minimum requirement for full service dealer.	<input checked="" type="checkbox"/>	Previous tool used on tier 2 engines.
<b>C</b>	Minimum requirement for OEM service dealer for engine(s) that are supported.	-	Not used for that engine.
<b>D</b>	Available (aid for efficiency).	*	Used on all tier 3, IT4, and tier 4 engine models






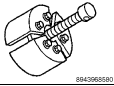





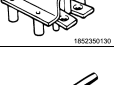





Lead time on all tools is 120 days

NO.	ILLUSTRATION	TOOL NAME	PART NO.	4H	6H	6W	4J	6U	DISTRIBUTOR REQUIRED	FULL	OEM
										SERVICE DEALER REQUIRED	SERVICE DEALER REQUIRED
1		E-IDSS Electronic Diagnostic Tool & Software (Laptop Not Included)	SVCX999600450 SVCX999600430	*	*	*	*	*	A	B	C
2		Remover; Injector	5-8840-2826-0	○	○	○	-	○	A	B	C
3		Compression gauge adapter (gauge not included)	5-8840-2815-0	○	-	-	○	-	A	B	C
4		Compression gauge adapter	5-8840-2622-0	-	○	-	-	-	A	B	C
5		Compression gauge adapter	1-8531-7019-0	-	-	●	-	○	A	B	C
6		Wrench; Pre-filter	8-9802-1941-0	*	*	*	*	*	A	B	C
7		Wrench; Main filter	8-9801-3170-0	*	*	*	*	*	A	B	C
8		Installer; Oil seal	5-8840-2627-0	○	●	-	-	○	A	D	D
9		Installer kit; Oil seal	5-8840-9061-0	○	-	-	-	-	A	D	D
10		Setting tool; Oil seal	8-9439-6856-0	-	●	-	-	-	A	D	D
11		Wrench; Scissors gear spring	5-8840-2674-1	-	○	-	-	-	A	D	D
12		Remover; Nozzle holder	1-8523-0013-0	-	-	●	-	-	A	D	D
13		Installer; Oil seal	1-8522-0043-0	-	-	●	-	-	A	D	D
14		Installer; Seal unit	1-8522-0047-0	-	-	●	-	○	A	D	D
15		Installer; Thermostat seal ring	1-8522-1034-0	-	-	●	-	○	A	D	D
16		Puller; Thermostat seal ring	1-8521-0067-0	-	-	●	-	○	A	D	D















# SPECIAL TOOLS LIST FOR TIER 3, iT4 and TIER 4 ISUZU ENGINES REQUIREMENTS

NO.	ILLUSTRATION	TOOL NAME	PART NO.	4H	6H	6W	4J	6U	DISTRIBUTOR REQUIRED	FULL	OEM
										SERVICE DEALER REQUIRED	SERVICE DEALER REQUIRED
17		Installer kit; Oil seal	1-8522-0057-0	-	-	-	-	○	A	D	D
18		Wrench; Valve clearance adjust nut	5-8840-2822-0	-	-	-	○	○	A	D	D
19		Installer kit; Oil seal	5-8840-2359-1	-	-	-	○	-	A	D	D
20		Camshaft gear tool	5-8840-2591-0	-	-	-	○	-	A	D	D
21		Injection pipe oil seal installer	5-8840-2820-0	-	-	-	○	-	A	D	D
22		Installer ; Front oil seal	5-8840-2821-0	-	-	-	○	-	A	D	D
23		Remover; Oil seal	1-8521-0077-0	-	-	-	-	○	D	D	D
24		Breaker Box (Connector Pin & Wiring Harness Checker) (DVOM Not Included)	SCVX999600420	*	*	*	*	*	D	D	D
25		Remover; Valve guide	5-8840-2628-0	○	●	-	-	○	D	D	D
26		Installer; Seal ring	5-8840-2222-0	○	-	-	-	-	D	D	D
27		Angle gauge	5-8840-0266-0	○	○	●	○	-	D	D	D
28		Remover; Valve spring	5-8840-2621-0	○	●	-	-	-	D	D	D
29		Pivot ASM	8-9439-6862-0	○	○	-	-	-	D	D	D
30		Remover; Nozzle sleeve	5-8840-2623-0	○	●	-	-	-	D	D	D
31		Installer; Guide bridge	5-8840-2626-0	○	●	-	-	○	D	D	D
32		Installer; Nozzle sleeve	5-8840-2624-0	○	●	-	-	-	D	D	D
33		Installer; Valve stem seal	8-9439-6815-0	○	-	-	-	-	D	D	D

# SPECIAL TOOLS LIST FOR TIER 3, iT4 and TIER 4 ISUZU ENGINES REQUIREMENTS

NO.	ILLUSTRATION	TOOL NAME	PART NO.	4H	6H	6W	4J	6U	FULL SERVICE DEALER		
									DISTRIBUTOR REQUIRED	DEALER REQUIRED	OEM SERVICE DEALER REQUIRED
34		Compression gauge	5-8840-2675-0	○	○	○	○	-	D	D	D
35		Remover; Connecting rod bush	5-8840-2340-0	○	○	-	-	-	D	D	D
36		Compressor; Piston ring	5-8840-9018-0	○	-	-	○	-	D	D	D
37		Stopper; Crankshaft	5-8840-2230-0	○	○	○	-	-	D	D	D
38		Remover; Slinger	1-8522-0052-0	-	-	○	-	-	D	D	D
39		Remover; Slinger	8-9439-6858-0	-	●	-	-	-	D	D	D
40		Remover; Slinger	5-8840-2360-0	○	○	-	○	-	D	D	D
41		Remover; Crankshaft gear	8-9439-6818-0	○	●	-	-	-	D	D	D
42		Installer; Crankshaft gear	8-9439-6819-0	○	●	-	-	-	D	D	D
43		Setting tool; Piston ring	1-8522-1029-0	-	●	-	○	○	D	D	D
44		Installer; Valve guide oil seal	5-8840-2625-0	-	●	-	-	○	D	D	D
45		Compressor; Valve spring	1-8523-5013-0	-	-	●	-	-	D	D	D
46		Replacer; Valve guide	9-8523-1202-2	-	-	●	-	-	D	D	D
47		Installer; Valve bridge guide	9-8522-1324-0	-	-	●	-	-	D	D	D
48		Installer; Valve stem seal for intake	1-8522-1187-0	-	-	○	-	-	D	D	D
49		Installer; Valve stem seal for exhaust	1-8522-1184-0	-	-	●	-	-	D	D	D
50		Setting tool; Piston ring	1-8522-1025-0	-	-	●	-	-	D	D	D

# SPECIAL TOOLS LIST FOR TIER 3, iT4 and TIER 4 ISUZU ENGINES REQUIREMENTS

NO.	ILLUSTRATION	TOOL NAME	PART NO.	4H	6H	6W	4J	6U	DISTRIBUTOR SERVICE DEALER		
									REQUIRED	REQUIRED	REQUIRED
51		Setting tool; Piston	1-8522-0059-0	-	-	●	-	-	D	D	D
52		Remover; Crankshaft gear	1-8521-0064-0	-	-	●	-	-	D	D	D
53		Installer; Crankshaft gear	1-8522-0045-0	-	-	●	-	-	D	D	D
54		Remover; Impeller	1-8521-0062-0	○	○	●	-	-	D	D	D
55		Remover; Gear	1-8521-0051-0	-	-	-	-	○	D	D	D
56		Installer; Cylinder liner	1-8522-1073-0	-	-	-	-	○	D	D	D
57		Setting tool; Piston	1-8522-1082-0	-	-	-	-	○	D	D	D
58		Remover; Cylinder liner	1-8523-1021-0	-	-	-	-	○	D	D	D
59		Remover; Valve spring	5-8840-2546-0	-	-	-	-	○	D	D	D
60		Stopper; Crankshaft	5-8840-0214-0	-	-	-	○	-	D	D	D
61		Valve guide remover and installer	5-8840-2816-0	-	-	-	○	-	D	D	D
62		Installer; Valve stem seal	5-88402-882-0	-	-	-	○	-	D	D	D
63		Remover; Valve spring	5-8840-2818-0	-	-	-	○	-	D	D	D
64		Pivot	5-8840-2819-0	-	-	-	○	-	D	D	D

- |  |   |
|--|---|
| <p><b>A</b> Minimum requirement for Distributors.</p> <p><b>B</b> Minimum requirement for full service dealer.</p> <p><b>C</b> Minimum requirement for OEM service dealer for engine(s) that are supported.</p> <p><b>D</b> Available (aid for efficiency).<br/>Lead time on all tools 120 is days</p> | <p>○ New tool for that engine.</p> <p>● Previous tool used on tier 2 engines.</p> <p>- Not used for that engine.</p> <p>* Used on all tier 3, iT4, and tier 4 engine models</p> |
|--|---|