

# Special Tools

## 5. Engine

Number	Tool Number	Description	Qty	Remarks
①	07GAF—PH60300	Piston Pin Base Insert	1	07973-PE00400 may also be used
②	07GAF—PH70100	Pilot Collar	1	
③	07HAD—PJ70200	Valve Stem Seal Installer	1	
④	07HAF—PL20102	Piston Base Head	1	
⑤	07HAH—PJ70100	Valve Guide Reamer, 5.5 mm	1	
⑥	07JAB—0010000	Crank Pulley Holder Set	1	
⑥-1	07JAA—0010200	Socket Wrench, 19 mm	(1)	Component Tools
⑥-2	07JAB—0010200	Holder Handle	(1)	
⑦	07JAB—0010400	Pulley Holder Attachment, HEX 50 mm	1	
⑧	07JAZ—SH20100	R.P.M. Connecting Adaptor	1	
⑨	07JGG—0010100	Belt Tension Gauge	1	
⑩	07KAK—SJ40101 or 07KAK—SJ40100	Engine Tilt Hanger Set	1	
⑪	07LAB—PV00100 or 07924—PD20003 or 07924—PD20002	Ring Gear Holder	1	
⑫	07LAF—PT20100	Bearing Replacement Tool Set	1	
⑬	07LAG—PT20100	Balancer Shaft Lock Pin	1	
⑭	07LAZ—PT30100	R.P.M. Connecting Adaptor	1	
⑮	07LAZ—PT30110	R.P.M. Connecting Adaptor (A)	(1)	Component Tools
⑯	07LAZ—PT30120	R.P.M. Connecting Adaptor (B)	(1)	
⑰	07406—0030000	Oil Pressure Gauge Adaptor	1	
⑱	07742—0010100	Valve Guide Remover, 5.5 mm	1	
⑲	07746—0010300	Driver Attachment, 42 x 47 mm	1	for Crankshaft for Balancer Shaft
⑳	07746—0010400	Driver Attachment, 52 x 55 mm	1	
㉑	07749—0010000	Driver	1	
㉒	07757—0010000	Valve Spring Compressor	1	
㉓	07912—6110001	Oil Filter Wrench	1	
㉔	07942—8920000	Valve Guide Driver, 5.5 mm	1	
㉕	07948—SB00101	Driver Attachment	1	
㉖	07973—PE00310	Piston Pin Driver Shaft	1	
㉗	07973—PE00320	Piston Pin Driver Head	1	
㉘	07973—6570500	Piston Base	1	
㉙	07973—6570600	Piston Base Spring	1	

## 6. Fuel and Emissions

Number	Tool Number	Description	Qty	Remarks
①	07JAZ—SH20100	R.P.M. Connecting Adaptor	1	
②	07LAA—PT50101 or 07LAA—PT50100	O <sub>2</sub> Sensor Socket Wrench	1	
③	07LAJ—PT3010A or 07LAJ—PT30100	ECU Test Harness	1	
④	07LAJ—PT3020A or 07LAJ—PT30200	Test Harness	1	
⑤	07LAZ—PT30100	R.P.M. Connecting Adaptor	1	
⑤-1	07LAZ—PT30110	R.P.M. Connecting Adaptor (A)	(1)	Component Tools
⑤-2	07LAZ—PT30120	R.P.M. Connecting Adaptor (B)	(1)	
⑥	07406—0040001	Fuel Pressure Gauge Set	1	
⑥-1	07406—0040100	Pressure Gauge	(1)	Component Tools
⑥-2	07406—0040201	Hose Assembly	(1)	
⑦	07411—0020000	Digital Circuit Tester	1	
⑧	07614—0050100	Fuel Line Clamp	1	

## 7. Clutch

Number	Tool Number	Description	Qty	Remarks
①	07LAB—PV00100 or 07924—PD20003 or 07924—PD20002	Ring Gear Holder	1	
②	07JAF—PM7011A	Clutch Alignment Disc	1	
③	07LAF—PT00110	Clutch Alignment Shaft	1	
④	07936—3710100	Handle	1	



## 8. Manual Transmission

Number	Tool Number	Description	Qty	Remarks
①	07GAJ—PG20102	Mainshaft Inspection Tool Set	1	
①-1	07GAJ—PG20110	Mainshaft Holder	(1)	—Component Tools
①-2	07GAJ—PG20130	Mainshaft Base	(1)	
②	07HAJ—PK40201	Preload Inspection Tool	1	
③	07JAC—PH80000	Adjusting Bearing Remover Set	1	
③-1	07JAC—PH80100	Bearing Remover Attachment	(1)	—Component Tools
③-2	07JAC—PH80200	Bearing Remover Handle	(1)	
③-3	07741—0010201	Bearing Remover Weight	(1)	
④	07JAD—PH80400	Pilot Driver, 28 mm	1	
⑤	07JAD—SH30100	Oil Seal Driver	1	
⑥	07744—0010400	Pin Driver, 5.0 mm	1	07944—6110100 may also be used
⑦	07746—0010300	Attachment, 42 x 47 mm	1	
⑧	07746—0010400	Attachment, 52 x 55 mm	1	
⑨	07746—0010500	Attachment, 62 x 68 mm	1	
⑩	07746—0010600	Attachment, 72 x 75 mm	1	
⑪	07746—0030100	Driver	1	
⑫	07746—0030200	Inner Driver, 25 mm	1	
⑬	07749—0010000	Driver	1	
⑭	07944—SA00000	Pin Driver, 4.0 mm	1	
⑮	07947—6110501	Oil Seal Driver	1	
⑯	07979—PJ40001	Magnet Stand Base	1	

## 9. Automatic Transmission

Number	Tool Number	Description	Qty	Remarks
①	07GAB—PF50101 or 07GAB—PF50100	Mainshaft Holder	1	
②	07GAD—PG20100	Pin Driver, 5.0 mm	1	
③	07GAE—PG40200	Clutch Spring Compressor Set	1	
③-1	07HAE—PL50100	Clutch Spring Compressor Attachment	(1)	—Component Tools
③-2	07GAE—PG40200	Clutch Spring Compressor Bolt Assembly	(1)	
③-3	07960—6120101	Clutch Spring Compressor Attachment	(1)	
④	07HAC—PK40101	Housing Puller	1	
④-1	07HAC—PK40110	Puller Base, Replacement	(1)	May also be used when combined with 07HAC—PK40101 or 07HAC—PK40100
⑤	07HAF—PK40100	Gear Installer	1	
⑥	07HAJ—PK40201 or 07GAJ—PG20200	Preload Inspection Tool	1	
⑦	07JAC—PH80000	Adjusting Bearing Remover Set	1	
⑦-1	07JAC—PH80100	Bearing Remover Attachment	(1)	—Component Tools
⑦-2	07JAC—PH80200	Bearing Handle Assembly	(1)	
⑦-3	07741—0010201	Remover Weight	(1)	
⑧	07JAD—PH80101	Driver Attachment	1	
⑨	07JAD—PH80400	Pilot Driver, 28 x 30 mm	1	
⑩	07JAD—PN00100	Driver Attachment	1	
⑪	07LAE—PX40100	Clutch Spring Compressor Attachment	1	
⑫	07LAJ—PT30100 or 07LAJ—PT3010A	ECU Test Harness	1	
⑬	07LGC—0010100	Snap Ring Pliers	1	
⑭	07NAD—PX40100	Attachment, 78 x 80 mm	1	
⑮	07406—0020003	Oil Pressure Gauge	1	
⑯	07406—0020201	Oil Pressure Gauge Hose	1	
⑰	07406—0070000	Low Pressure Gauge	1	
⑱	07746—0010400	Attachment, 52 x 55 mm	1	
⑲	07746—0010500	Attachment, 62 x 68 mm	1	
⑳	07746—0010600	Attachment, 72 x 75 mm	1	
㉑	07746—0030100	Driver, 40 mm I.D.	1	
㉒	07749—0010000	Driver	1	
㉓	07947—6340500	Driver Attachment E	1	

# Special Tools

## 10. Driveshafts

Number	Tool Number	Description	Qty	Remarks
①	07GAD—PG40100	Seal Driver Attachment	1	
②	07GAF—SD40700	Hub Dis/Assembly Base	2	
③	07LAD—SM40100	Seal Driver Attachment	1	
④	07LAF—SM40300	Support Base Attachment	1	
⑤	07746—0010200	Attachment, 37 x 40 mm	1	
⑥	07746—0010300	Attachment, 42 x 47 mm	1	
⑦	07746—0030100	Driver, 40 mm I.D.	1	
⑧	07749—0010000	Driver	1	
⑨	07947—SD90101	Seal Driver Attachment	1	
⑩	07965—SD90100	Support Base	1	

## 11. Steering

Number	Tool Number	Description	Qty	Remarks
①	07GAG—SD40300	Cylinder End Seal Slider	1	
②	07HAG—SF10100	Piston Seal Ring Guide	1	
③	07HAG—SF10200	Piston Seal Ring Sizing Tool	1	
④	07HAG—SF10300	Piston Seal Ring Guide	1	
⑤	07JGG—0010100	Belt Tension Gauge	1	
⑥-1	07LAK—SM40110	P/S Joint Adaptor (Pump)	1	
⑥-2	07LAK—SM40120	P/S Joint Adaptor (Hose)	1	
⑦	07MAC—SL00200	Ball Joint Remover, 28 mm	1	
⑧	07406—0010001	P/S Pressure Gauge Set	1	
⑧-1	07406—0010300	Pressure Control Valve	(1)	Component Tools
⑧-2	07406—0010400	Pressure Gauge	(1)	
⑨	07406—0010101	Bypass Tube Joint (included with 07406—0010001)	1	
⑩	07725—0030000	Universal Holder	1	
⑪	07746—0010300	Attachment, 42 x 47 mm	1	
⑫	07749—0010000	Driver	1	
⑬	07MAA—SLO0100 or 07916—SA50001	Locknut Wrench, 40 mm	1	
⑭	07947—6340300	Driver Attachment	1	
⑮	07974—SA50600	Pinion Seal Guide	1	

## 11. Steering (4WS only)

Number	Tool Number	Description	Qty	Remarks
①	07HAG—SF10000	4WS Tool Kit	1	
①-1	07HAG—SF10400	Pinion Seal Ring Sizing Tool	1	
①-2	07HAG—SF10500	Driven Seal Ring Guide	1	
②	07HAJ—SF10100	Rack Adjuster Gauge Holder Set	1	
③	07HAJ—SF10201	Rear Steering Center Lock Pin	1	
④	07HAJ—SF10300	Stroke Rod Holder Set	1	
⑤	07HAJ—SF10400	Inspection Adaptor	1	
⑥	07LAA—SM40100	Locknut Wrench, 43 mm	1	
⑦	07LAA—SM40200	Locknut Socket, 36 x 43 mm	1	
⑧	07LAG—SM40000	4WS Tool Kit	1	
⑧-1	07LAG—SM40100	Piston Seal Ring Guide	(1)	Component Tools
⑧-2	07LAG—SM40200	Piston Seal Ring Sizing Tool	(1)	
⑧-3	07LAG—SM40300	Cylinder End Seal Slider	(1)	
⑧-4	07LAG—SM40400	Cylinder End Seal Guider	(1)	
⑧-5	07LAG—SM40500	Tool Box	(1)	
⑨	07703—0010100	TORX® Bit T40	1	



## 12. Suspension

Number	Tool Number	Description	Qty	Remarks
①	07GAE—SE00101	Spring Compressor	1	
②	07GAF—SD40100	Hub Assembly Pin	1	
③	07GAF—SD40330	Ball Joint Remover/Installer	1	for 4WS
④	07GAF—SE00200	Hub Assembly Guide Attachment	1	for 4WS
⑤	07GAG—SD40700	Ball Joint Clip Installation Guide	1	
⑥	07HAF—SF10100	Ball Joint Dis/Assembly Tool Set	1	
⑥-1	07HAF—SF10110	Ball Joint Remover Base	1	
⑥-2	07HAF—SF10120	Ball Joint Installer Base	1	
⑥-3	07HAF—SF10130	Ball Joint Remover/Installer	1	
⑦	07HAJ—SF10201	Rear Steering Center Lock Pin	1	
⑧	07HGJ—0010001 or 07HGJ—0010000	Toe Inspection Gauge Set	1	for 4WS
⑨	07MAC—SL00200	Ball Joint Remover, 28 mm	1	
⑩	07MGK—0010001 or 07HGK—0010200	Wheel Alignment Gauge Attachment	1	
⑪	07703—0010100	TORX® BIT T40	1	for 4WS
⑫	07749—0010000	Driver	1	
⑬	07947—SB00100	Oil Seal Driver	1	for 4WS
⑭	07965—6340301	Hub Dis/Assembly Base	2	
⑮	07965—6920201	Hub Dis/Assembly Base	1	

## 13. Brakes

Number	Tool Number	Description	Qty	Remarks
①	07JAG—SD40100 or 07GAG—SE00100	Pushrod Adjustment Gauge	1	
②	07HAE—SG00100	Brake Spring Compressor	1	
③	07HAK—SG00110	Pressure Gauge Joint Pipe	1	for ABS
④	07LAF—SM40200	Brake Spring Installer	1	
⑤	07404—5790300	Pressure Gauge Attachment	1	
⑥	07406—5790200	Pressure Gauges	2	
⑦	07410—5790100	Pressure Gauge Attachment	2	
⑧	07410—5790500	Tube Joint Adaptor	1	
⑨	07510—6340101	Pressure Gauge Joint Pipe	2(1)	( ): for ABS
⑩	07510—6340300	Vacuum Joint Tube A	1	
⑪	07914—SA50000	Snap Ring Pliers	1	
⑫	07921—0010001	Flare Nut Wrench	1	
⑬	07973—SA50000	Rear Caliper Guide	1	

## 13. Brakes (for ABS)

Number	Tool Number	Description	Qty	Remarks
①	07HAA—SG00101 or 07HAA—SG00100	Bleeder T-Wrench	1	
②	07HAJ—SG00602 or 07HAJ—SG00601 or 07508—SB00000 and 07HAJ—SG00400	ALB Checker ALB Checker ALB Checker Adaptor	1 1 1 1	

# Special Tools

## 14. Body

Number	Tool Number	Description	Qty	Remarks
①	07GAZ—SE30100	Torsion Bar Assembly Tool	1	

## 15. Heater and Air Conditioner

Number	Tool Number	Description	Qty	Remarks
①	07JGG—0010100	Belt Tension Gauge	1	
②	07LAJ—PT3010A or 07LAJ—PT30100	ECU Test Harness	1	
③	07NAB—HAC0100 or 07LAB—SK70100	A/C Clutch Holder	1	

## 16. Electrical

Number	Tool Number	Description	Qty	Remarks
①	07GAC—SE00200	Fuel Sender Wrench	1	
②	07JGG—0010100	Belt Tension Gauge	1	
③	07HAZ—SG00500	Deployment Tool	1	for SRS
④	07LAZ—SL40300	SRS Test Harness C	1	for SRS type I
⑤	07LAZ—SL40400	SRS Test Harness D	1	
⑥	07MAZ—SL00500	SRS Test Harness A	1	
⑦	07MAZ—SP00500	SRS Test Harness B	1	
⑧	07MAZ—SS10100	SRS Disposal Bracket	1	for SRS type II