



2GR-FE ENGINE CONTROL SYSTEM

RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	


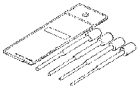

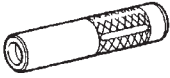
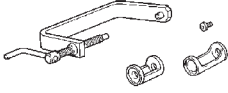
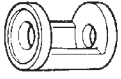





EQUIPMENT


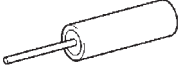
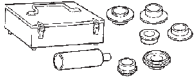


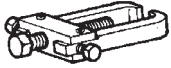


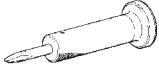

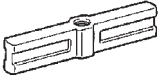

Ohmmeter	
Radiator cap tester	
Service Wire Harness	
Torque wrench	





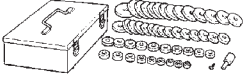




2GR-FE ENGINE MECHANICAL

SST


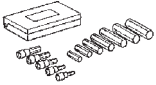

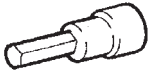
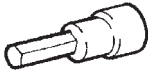
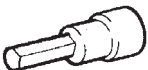


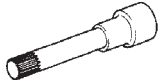


	09032-00100	Oil Pan Seal Cutter	
	09201-10000	Valve Guide Bushing Remover & Replacer Set	
	(09201-01050)	Valve Guide Bushing Remover & Replacer 5	
	09201-41020	Valve Stem Oil Seal Replacer	
	09202-70020	Valve Spring Compressor	
	(09202-00010)	Attachment	
	09213-70011	Crankshaft Pulley Holding Tool	
	(09213-70020)	Bolt	
	09222-30010	Connecting Rod Bushing Remover & Replacer	
	09223-15030	Oil Seal & Bearing Replacer	
	09228-06501	Oil Filter Wrench	

	09249-63010	Torque Wrench Adaptor	
	09276-75010	Valve Lifter Tool	
	09316-60011	Transmission & Transfer Bearing Replacer	
	(09316-00011)	Replacer Pipe	
	09330-00021	Companion Flange Holding Tool	
	09628-62011	Boll Joint Puller	
	09843-18030	Tacho-pulse Pickup Wire No.2	
	09843-18040	Diagnosis Check Wire No.2	
	09930-00010	Drive Shaft Nut Chisel	
	09950-50013	Puller C Set	
	(09951-05010)	Hanger 150	
	(09952-05010)	Slide Arm	

PP

	(09953-05020)	Center Bolt 150	
	(09954-05021)	Claw No.2	
	09950-60010	Replacer Set	
	(09951-00340)	Replacer 34	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	
	(09951-07150)	Handle 150	

RECOMMENDED TOOLS

	09011-12301	Socket Wrench 30 mm	
	09040-00011	Hexagon Wrench Set	
	(09043-20050)	Socket Hexagon Wrench 5	
	(09043-20060)	Socket Hexagon Wrench 6	
	(09043-20080)	Socket Hexagon Wrench 8	
	(09043-20100)	Socket Hexagon Wrench 10	
	(09043-30140)	Straight Hexagon Wrench 14	
	09043-30190	Straight Hexagon Wrench 19	
	09043-50100	Bi-hexagon Wrench 10 mm	
	09090-04020	Engine Sling Device	
	09200-00010	Engine Adjust Kit	

	(09857-00031)	Spark Plug Gap Gauge	
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EQUIPMENT

Abrasive compound	
Brush	
Caliper gauge	
Carbide cutter (30°)	
Carbide cutter (45°)	
Carbide cutter (60°)	
Carbide cutter (75°)	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune-up tester	
Groove cleaning tool	
Heater	
Micrometer	
Pin hole grinder	
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Press	
Reamer (5.5 mm)	
Ridge reamer	
Soft brush	
Solvent	
Spring tester	
Steel square	
Thermometer	
Torque wrench	
Torx socket wrench	
Valve seat cutter	
Valve guide bushing brush	
V-block	
Vernier caliper	
Wire brush	
Bar	
Chain Block	
CO/HC meter	
Compression gauge	
Dial indicator with magnetic base	
Engine Sling Device	
Feeler gauge	
Radiator cap tester	
Slide calipers	
Tachometer	
Timing light	
Wooden block	
Deep socket wrench 24 mm	

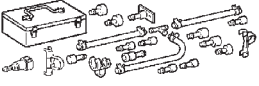








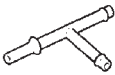

SSM

	08826-00080	Seal Packing Black or equivalent (FIPG)	
	08826-00100	Seal Packing 1282B, THREE BOND 1282B or equivalent (FIPG)	
	08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	
	08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	



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2GR-FE FUEL

SST

	09268-41048	Injection Measuring Tool Set	
	(09268-41130)	Adapter	
	(09268-41500)	Fuel Tube Connector	
	(90467-13001)	Clip	
	(95336-08070)	Hose	
	09268-41400	Clamp	
	09268-45014	EFI Fuel Pressure Gauge	
	(09268-41200)	Gauge	
	(09268-41220)	Hose	
	(09268-41250)	T Joint	
	09842-30080	Wire H EFI Inspection	

RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

EQUIPMENT

Clip	
Measuring Flask	
Ohmmeter	
Radiator cap tester	
Service Wire Harness	
Stopwatch	
Clip	
Torque wrench	
Vernier calipers	

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SSM

	08850-00065	Butyl Tape Set	
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2GR-FE EMISSION CONTROL

SST

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	09224-00010	O2 Sensor Wrench	
	09992-00242	Turbocharger Pressure Gauge	

RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

EQUIPMENT

Intelligent vacuum pump	
Ohmmeter	
Service Wire Harness	
Torque wrench	
Vacuum gauge	



2GR-FE INTAKE

EQUIPMENT

Intelligent tester	
Ohmmeter	
Intelligent vacuum pump	

2GR-FE EXHAUST



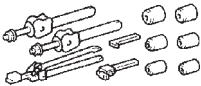
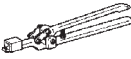




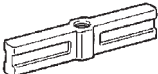


EQUIPMENT

Torque wrench	Exhaust pipe assembly
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2GR-FE COOLING


SST

	09213-70011	Crankshaft Pulley Holding Tool	
	(09213-70020)	Bolt	
	09230-01010	Radiator Service Tool Set	
	(09231-01010)	Overhaul Handle	
	(09231-01030)	Claw	
	09231-14010	Punch	
	09330-00021	Companion Flange Holding Tool	
	09950-50013	Puller C Set	
	(09951-05010)	Hanger 150	
	(09952-05010)	Slide Arm	
	(09953-05020)	Center Bolt 150	

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	(09954-05021)	Claw No.2	
	09960-10010	Variable Pin Wrench Set	
	(09962-01000)	Variable Pin Wrench Arm Assembly	
	(09963-00700)	Pin 7	

RECOMMENDED TOOLS

	<p>09082-00050</p>	<p>TOYOTA Electrical Tester Set</p>	
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EQUIPMENT

Heater	
Radiator cap tester	
Thermometer	
Torque wrench	
Slide calipers	



COOLANT

Item	Capacity	Classification
Engine coolant (2GR-FE)	8.3 liters (8.8 US qts, 7.3 Imp. qts)	"Toyota Super Long Life Coolant", "Toyota Long Life Coolant" or equivalent


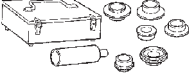

SSM

	08826-00080	Seal Packing Black or equivalent (FIPG)	
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2GR-FE LUBRICATION

SST

	<p>09228-06501</p>	<p>Oil Filter Wrench</p>	
	<p>09316-60011</p>	<p>Transmission & Transfer Bearing Replacer</p>	
	<p>(09316-00011)</p>	<p>Replacer Pipe</p>	

EQUIPMENT

Feeler gauge	
Precision straight edge	
Torque wrench	



SSM





	08826-00080	Seal Packing Black or equivalent (FIPG)	
	08826-00100	Seal Packing 1282B, THREE BOND 1282B or equivalent (FIPG)	

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2GR-FE IGNITION

RECOMMENDED TOOLS

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	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	
	<p>09200-00010</p>	<p>Engine Adjust Kit</p>	
	<p>(09857-00031)</p>	<p>Spark Plug Gap Gauge</p>	

EQUIPMENT

Spark plug cleaner	
Torque wrench	

2GR-FE STARTING

RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	
	<p>09904-00010</p>	<p>Expander Set</p>	
	<p>(09904-00050)</p>	<p>No. 4 Claw</p>	

PP

EQUIPMENT

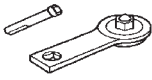

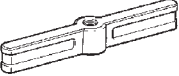
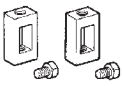




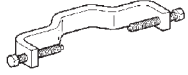
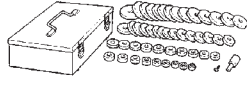

Ammeter(A)	
Ohmmeter	
Service Wire Harness	
Dial indicator	
Sandpaper (#400)	
Torque wrench	
Vernier calipers	
V-block	
Press	


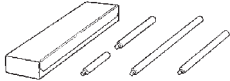

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2GR-FE CHARGING



SST

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	<p>09820-63020</p>	<p>Alternator Pulley Wrench Set</p>	
	<p>09950-40011</p>	<p>Puller B Set</p>	
	<p>(09951-04020)</p>	<p>Hanger 200</p>	
	<p>(09952-04010)</p>	<p>Slide Arm</p>	
	<p>(09953-04020)</p>	<p>Center Bolt 150</p>	
	<p>(09954-04010)</p>	<p>Arm 25</p>	
	<p>(09955-04071)</p>	<p>Claw No.7</p>	
	<p>(09957-04010)</p>	<p>Attachment</p>	
	<p>(09958-04011)</p>	<p>Holder</p>	
	<p>09950-60010</p>	<p>Replacer Set</p>	
	<p>(09951-00250)</p>	<p>Replacer 25</p>	

	(09951-00470)	Replacer 47	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	

RECOMMENDED TOOLS

	09082-00040	TOYOTA Electrical Tester	
	(09083-00150)	Test Lead Set	

PP








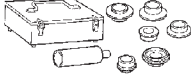


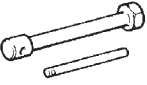
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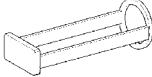



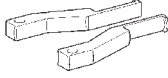

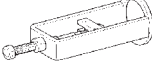


Ammeter(A)	
Ohmmeter	
Service Wire Harness	
Torque wrench	
Vernier calipers	
Press	



U151E AUTOMATIC TRANSAXLE

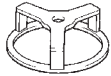

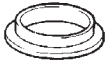



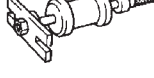
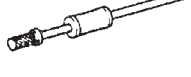




SST





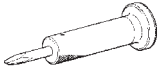
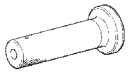

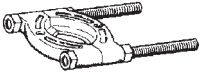



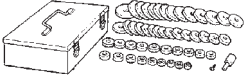
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	09215-00013	Crankshaft Bearing Remover & Replacer Set B	
	(09215-00471)	Camshaft Bearing Remover & Replacer	
	09223-15020	Oil Seal & Bearing Replacer	
	09223-15030	Oil Seal & Bearing Replacer	
	09308-00010	Oil Seal Puller	
	09316-12010	Transfer Bearing Replacer	
	09316-60011	Transmission & Transfer Bearing Replacer	
	(09316-00011)	Replacer Pipe	
	09350-32014	TOYOTA Automatic Transmission Tool Set	
	(09351-32010)	One-way Clutch Test Tool	

	(09351-32020)	Stator Stopper	
	(09351-32070)	No.2 Piston Spring Compressor	
	(09351-32140)	Oil Seal Replacer	
	09387-00020	Direct Clutch Wrench	
	09387-00030	Counter Drive Gear Holding Tool	
	09387-00041	Bearing Puller Assembly	
	(09387-01010)	Claw No.1	
	(09387-01021)	Claw No.2	
	(09387-01030)	Pin	
	(09387-01040)	Bearing Puller Body	
	09387-00050	Under Drive Gear Puller	
	09387-00060	Second Brake Wrench	








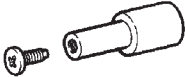




PP







PP

	09387-00070	First & Reverse Brake Wrench	
	09387-00080	Counter Drive Gear Nut Wrench	
	09502-12010	Differential Bearing Replacer	
	09506-35010	Differential Drive Pinion Rear Bearing Replacer	
	09514-35011	Rear Wheel Bearing Puller	
	09520-01010	Drive Shaft Remover Attachment	
	09520-24010	Differential Side Gear Shaft Puller	
	(09520-32040)	Shocker Set	
	09527-17011	Rear Axle Shaft Bearing Remover	
	09550-60010	Differential Side Bearing Replacer	
	(09951-00490)	Replacer 49	
	09564-32011	Differential Preload Adaptor	

	09608-10010	Steering Knuckle Oil Seal Replacer	
	09649-17010	Steering Knuckle Tool	
	09710-30050	Suspension Arm Bushing Replacer	
	09726-40010	Lower Control Shaft Bearing Replacer	
	09930-00010	Drive Shaft Nut Chisel	
	(09931-00010)	Handle	
	(09931-00020)	Nut Chisel	
	09950-00020	Bearing Remover	
	09950-00030	Bearing Remover Attachment	
	09950-40011	Puller B Set	
	(09957-04010)	Attachment	
	09950-60010	Replacer Set	


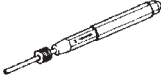

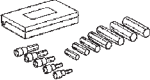
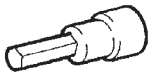
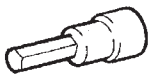
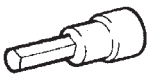


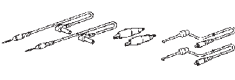

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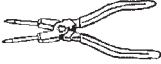
	(09951-00230)	Replacer 23	
	(09951-00260)	Replacer 26	
	(09951-00320)	Replacer 32	
	(09951-00450)	Replacer 45	
	(09951-00490)	Replacer 49	
	(09951-00500)	Replacer 50	
	(09951-00590)	Replacer 59	
	(09952-06010)	Adapter	
	(09957-04010)	Attachment	
	09950-60020	Replacer Set No.2	
	(09951-00750)	Replacer 75	
	(09951-00810)	Replacer 81	

	(09951-00890)	Replacer 89	
	(09951-00910)	Replacer 91	
	(09951-01030)	Replacer 103	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	
	(09951-07150)	Handle 150	

RECOMMENDED TOOLS

PP

	<p>09011-12301</p>	<p>Socket Wrench 30 mm</p>	
	<p>09031-00030</p>	<p>Pin Punch</p>	
	<p>09031-00040</p>	<p>Pin Punch .</p>	
	<p>09040-00011</p>	<p>Hexagon Wrench Set</p>	
	<p>(09043-20050)</p>	<p>Socket Hexagon Wrench 5</p>	
	<p>(09043-20060)</p>	<p>Socket Hexagon Wrench 6</p>	
	<p>(09043-20100)</p>	<p>Socket Hexagon Wrench 10</p>	
	<p>09070-20010</p>	<p>Moulding Remover</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	
	<p>09090-04020</p>	<p>Engine Sling Device</p>	

	<p>09216-00021</p>	<p>Belt Tension Gauge</p>	
	<p>09905-00012</p>	<p>Snap Ring No.1 Expander</p>	
	<p>09905-00013</p>	<p>Snap Ring Pliers</p>	

EQUIPMENT

Straight edge	
Torque wrench	
Vernier calipers	
Dial indicator with magnetic base	
Slide calipers	
Chain block	
Feeler gauge	
Plastic hammer	
Press	
Seal packing 2403, THREE BOND 2403 or equivalent	
Seal packing 2430, THREE BOND 2430 or equivalent	

PP

LUBRICANT

Automatic transaxle fluid		
Dry fill	8.8 liter (9.3 US qts, 7.7 Imp. qts)	ATF WS
Drain and refill	3.5 liter (3.7 US qts, 3.1 Imp. qts)	



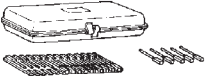

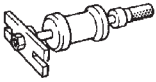
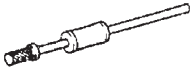


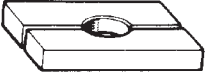
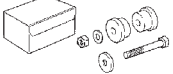


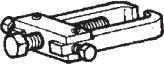
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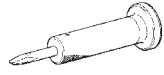
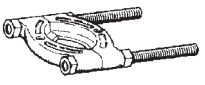
	08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	
	08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	

PP

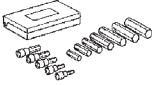
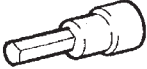

DRIVE SHAFT

SST

	09240-00020	Wire Gauge Set	
	09520-01010	Drive Shaft Remover Attachment	
	09520-24010	Differential Side Gear Shaft Puller	
	(09520-32040)	Shocker Set	
	09521-24010	Rear Axle Shaft Puller	
	09527-10011	Rear Axle Shaft Bearing Remover	
	09527-30010	Rear Axle Shaft Bearing Remover	
	09608-16042	Front Hub Bearing Adjusting Tool	
	(09608-02021)	Bolt & Nut	
	(09608-02041)	Retainer	
	09628-62011	Boll Joint Puller	

	<p>09726-40010</p>	<p>Lower Control Shaft Bearing Replacer</p>	
	<p>09930-00010</p>	<p>Drive Shaft Nut Chisel</p>	
	<p>09950-00020</p>	<p>Bearing Remover</p>	

RECOMMENDED TOOLS

	09040-00011	Hexagon Wrench Set	
	(09043-20060)	Socket Hexagon Wrench 6	
	09905-00012	Snap Ring No.1 Expander	

PP

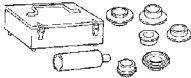


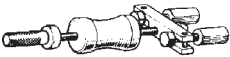


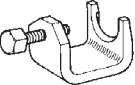
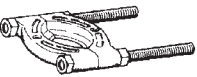
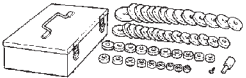


EQUIPMENT

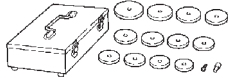



Torque wrench	
Alignment tester	
Toe-in gauge	
Angle gauge	

AXLE

SST


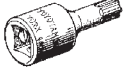

PP

	<p>09316-60011</p>	<p>Transmission & Transfer Bearing Replacer</p>	
	<p>(09316-00011)</p>	<p>Replacer Pipe</p>	
	<p>(09316-00031)</p>	<p>Replacer B</p>	
	<p>09520-00031</p>	<p>Rear Axle Shaft Puller</p>	
	<p>09527-17011</p>	<p>Rear Axle Shaft Bearing Remover</p>	
	<p>09608-32010</p>	<p>Steering Knuckle Oil Seal Replacer</p>	
	<p>09628-10011</p>	<p>Ball Joint Puller</p>	
	<p>09950-00020</p>	<p>Bearing Remover</p>	
	<p>09950-60010</p>	<p>Replacer Set</p>	
	<p>(09951-00430)</p>	<p>Replacer 43</p>	
	<p>(09951-00600)</p>	<p>Replacer 60</p>	

	<p>09950-60020</p>	<p>Replacer Set No.2</p>	
	<p>(09951-00810)</p>	<p>Replacer 81</p>	
	<p>09950-70010</p>	<p>Handle Set</p>	
	<p>(09951-07100)</p>	<p>Handle 100</p>	

PP

RECOMMENDED TOOLS

	<p>09011-12301</p>	<p>Socket Wrench 30 mm</p>	
	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09905-00013</p>	<p>Snap Ring Pliers</p>	

HINT:
Torx is a registered trademark of Textron Inc.

PP

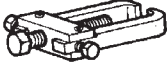
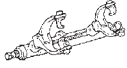
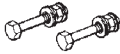
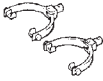
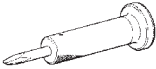
EQUIPMENT

Torque wrench	
Dial indicator with magnetic base	
Alignment tester	
Toe-in gauge	
Angle gauge	


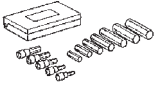
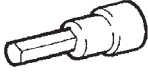
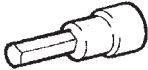
SUSPENSION

SST

PP

	<p>09628-62011</p>	<p>Bolt Joint Puller</p>	
	<p>09727-30021</p>	<p>Coil Spring Compressor</p>	
	<p>(09727-00010)</p>	<p>Bolt Set</p>	
	<p>(09727-00021)</p>	<p>Arm Set</p>	
	<p>09930-00010</p>	<p>Drive Shaft Nut Chisel</p>	

RECOMMENDED TOOLS

	09017-38120	Deep Socket Wrench 12 mm	
	09040-00011	Hexagon Wrench Set	
	(09043-20050)	Socket Hexagon Wrench 5	
	(09043-20060)	Socket Hexagon Wrench 6	

EQUIPMENT

Torque wrench	
Dial indicator with magnetic base	
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Angel gauge	
Camber-caster-kingpin gauge	
Drill	

PP

TIRE AND WHEEL





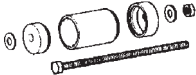

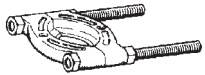
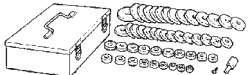



EQUIPMENT

Tire pressure gauge	
Dial indicator with magnetic base	
Wheel balancer	

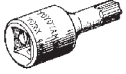




BRAKE CONTROL

SST

	09023-00101	Union Nut Wrench 10 mm	
	09520-00031	Rear Axle Shaft Puller	
	(09520-00040)	Shocker	
	09521-00020	Drive Shaft Boot Clamping Tool	
	09830-36010	Front Mounting Cushion Remover & Replacer	
	09843-18040	Diagnosis Check Wire No.2	
	09950-00020	Bearing Remover	
	09950-60010	Replacer Set	
	(09951-00650)	Replacer 65	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	

RECOMMENDED TOOLS

	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

HINT:
Torx is a registered trademark of Textron Inc.



PP

EQUIPMENT

Alignment tester	
Toe-in gauge	
Slide Calipers	
Torque wrench	

BRAKE

SST

	<p>09023-00101</p>	<p>Union Nut Wrench 10 mm</p>	
	<p>09737-00020</p>	<p>Brake Booster Push Rod Wrench</p>	

EQUIPMENT

Feeler gauge	
Micrometer	
Torque wrench	
Dial indicator with magnetic base	



PARKING BRAKE

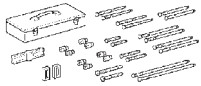
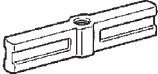



EQUIPMENT

Torque wrench	
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STEERING COLUMN

SST

	09950-50013	Puller C Set	
	(09951-05010)	Hanger 150	
	(09952-05010)	Slide Arm	
	(09953-05020)	Center Bolt 150	
	(09954-05021)	Claw No.2	

PP

RECOMMENDED TOOLS

	09042-00010	Torx Socket T30	
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HINT:




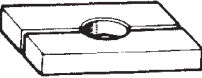
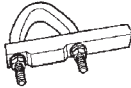
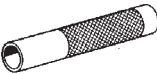
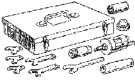
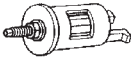
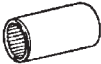
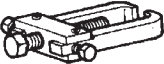

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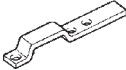






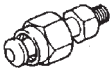

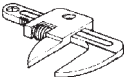
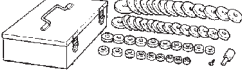

EQUIPMENT

Torque wrench	
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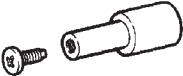




POWER STEERING

SST

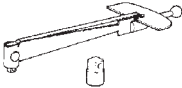
	09023-12701	Union Nut Wrench 17mm	
	09023-38201	Union Nut Wrench 12mm	
	09521-24010	Rear Axle Shaft Puller	
	09527-21011	Rear Axle Shaft Bearing Remover	
	09612-00012	Rack & Pinion Steering Rack Housing Stand	
	09612-22011	Tilt Handle Bearing Replacer	
	09612-24014	Steering Gear Housing Overhaul Tool Set	
	(09613-22011)	Steering Rack Shaft Bushing Puller	
	09616-00011	Steering Worm Bearing Adjusting Socket	
	09628-62011	Boll Joint Puller	
	09630-00014	Power Steering Gear Housing Overhaul Tool Set	

	(09631-00132)	Vane Pump Bracket	
	09631-10021	Rack Stopper Wrench	
	09631-12071	Steering Rack Oil Seal Test Tool	
	09631-20081	Seal Ring Tool	
	09631-33010	Steering Rack Cover I	
	09640-10010	Power Steering Pressure Gauge Set	
	(09641-01010)	Gauge Assy	
	(09641-01020)	Attachment A	
	(09641-01030)	Attachment B	
	09922-10010	Variable Open Wrench	
	09950-60010	Replacer Set	
	(09951-00180)	Replacer 18	

PP

	(09951-00250)	Replacer 25	
	(09951-00280)	Replacer 28	
	(09951-00290)	Replacer 29	
	(09951-00320)	Replacer 32	
	(09951-00340)	Replacer 34	
	(09951-00400)	Replacer 40	
	(09951-00420)	Replacer 42	
	(09952-06010)	Adapter	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	
	(09951-07150)	Handle 150	
	(09951-07360)	Handle 360	

RECOMMENDED TOOLS

	<p>09025-00010</p>	<p>Torque Wrench (30 kgf-cm)</p>	
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EQUIPMENT

Vernier calipers	
Dial indicator	
Feeler gauge	
Micrometer	
Torque wrench	
Dial indicator with magnetic base	
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Angle gauge	



LUBRICANT

Item	Capacity	Classification
Power steering fluid (Total)	0.7 liters (0.7 US qts, 0.6 Imp.qts)	ATF DEXTRON II or III

SSM










	08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	
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PP

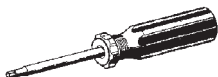

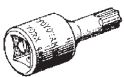
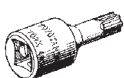


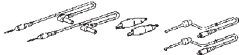
AIR CONDITIONING

SST

PP

	<p>07110-58060</p>	<p>Air Conditioner Service Tool Set</p>	
	<p>(07117-58060)</p>	<p>Refrigerant Drain Service Valve</p>	
	<p>(07117-58070)</p>	<p>T-Joint</p>	
	<p>(07117-58080)</p>	<p>Quick Disconnect Adapter</p>	
	<p>(07117-58090)</p>	<p>Quick Disconnect Adapter</p>	
	<p>(07117-78050)</p>	<p>Refrigerant Charging Gauge</p>	
	<p>(07117-88060)</p>	<p>Refrigerant Charging Hose</p>	
	<p>(07117-88070)</p>	<p>Refrigerant Charging Hose</p>	
	<p>(07117-88080)</p>	<p>Refrigerant Charging Hose</p>	

RECOMMENDED TOOLS

	09041-00010	Torx Driver T20	
	09041-00030	Torx Driver T30	
	09042-00010	Torx Socket T30	
	09042-00020	Torx Socket T40	
	09070-20010	Moulding Remover	
	09082-00040	TOYOTA Electrical Tester	
	(09083-00150)	Test Lead Set	

PP

HINT:

Torx is a registered trademark of Textron Inc.

EQUIPMENT

Oscilloscope	
Voltmeter	
Anmeter	
Ohmmeter	
Vinyl tape	
Hexagon wrench 4 mm	
Hexagon wrench 12 mm	
Gas leak detector	
Dial indicator with magnetic base	
Radiator cap tester	
Torque wrench	

PP


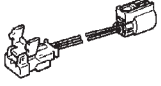
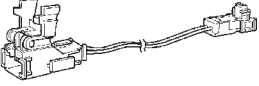


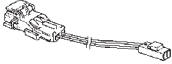

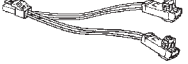

LUBRICANT

Item	Capacity	Classification
Compressor oil	-	ND-OIL 8 or equivalent

SUPPLEMENTAL RESTRAINT SYSTEM

SST

PP

	<p>09082-00700</p>	<p>SRS Airbag Deployment Tool</p>	
	<p>09082-00750</p>	<p>Airbag Deployment Wire Sub-harness No.3</p>	
	<p>09082-00770</p>	<p>Airbag Deployment Wire Sub-harness No.5</p>	
	<p>09082-00780</p>	<p>Airbag Deployment Wire Sub-harness No.6</p>	
	<p>09082-00802</p>	<p>Airbag Deployment Wire Sub-Harness No. 8</p>	
	<p>(09082-10801)</p>	<p>Wire A</p>	
	<p>(09082-20801)</p>	<p>Wire B</p>	
	<p>(09082-30801)</p>	<p>Wire C</p>	
	<p>09843-18060</p>	<p>SRS Check Wire</p>	

RECOMMENDED TOOLS

	<p>09042-00010</p>	<p>Torx Socket T30</p>	
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HINT:

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EQUIPMENT


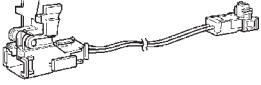
Torque wrench	
Feeler gauge	
Bolt Length: 35.0 mm (1.378 in.) Pitch: 1.0 mm (0.039 in.) Diameter: 6.0 mm (0.236 in.)	Airbag disposal
Tire Width: 185 mm (7.28 in.) Inner diameter: 360 mm (14.17 in.)	Airbag disposal
Tire with disc wheel Width: 185 mm (7.28 in.) Inner diameter: 360 mm (14.17 in.)	Airbag disposal
Plastic bag	Airbag disposal

PP


SEAT BELT

SST

PP

	09082-00700	SRS Airbag Deployment Tool	
	09082-00770	Airbag Deployment Wire Sub-harness No.5	

RECOMMENDED TOOLS

	<p>09070-20010</p>	<p>Moulding Remover</p>	
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EQUIPMENT

Torque wrench	
Protective tape	To avoid surface damage



THEFT DETERRENT SYSTEM



RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>09082-00050</p>	<p>TOYOTA Electrical Tester Set</p>	

ENGINE IMMOBILISER




RECOMMENDED TOOLS

PP

	09082-00040	TOYOTA Electrical Tester	
	09082-00050	TOYOTA Electrical Tester Set	

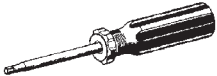
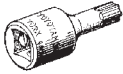
CRUISE CONTROL

SST

	09870-60000	LAZER RADAR ADJUSTING REFLECTOR	
	(09870-60010)	BASE STAND	
	(09870-60020)	REFLECTOR A	

PP

RECOMMENDED TOOLS

	09041-00030	Torx Driver T30	
	09042-00010	Torx Socket T30	

PP

HINT:

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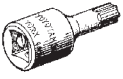



EQUIPMENT

Torque wrench	
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LIGHTING

RECOMMENDED TOOLS

PP

	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09070-20010</p>	<p>Moulding Remover</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

HINT:


Torx is a registered trademark of Textron Inc.

EQUIPMENT

Torque wrench	
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WIPER AND WASHER

SST

	<p>09843-18040</p>	<p>Diagnosis Check Wire No.2</p>	
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RECOMMENDED TOOLS

	09042-00010	Torx Socket T30	
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HINT:

Torx is a registered trademark of Textron Inc.





EQUIPMENT

Torque wrench	
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DOOR LOCK




RECOMMENDED TOOLS

PP

	09082-00040	TOYOTA Electrical Tester	
	09082-00050	TOYOTA Electrical Tester Set	

METER

RECOMMENDED TOOLS

	<p>09070-20010</p>	<p>Moulding Remover</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

EQUIPMENT

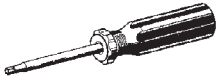
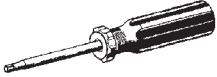
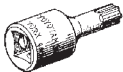



Torque wrench	
Adhesive Tape	



AUDIO / VISUAL

RECOMMENDED TOOLS

PP

	<p>09041-00010</p>	<p>Torx Driver T20</p>	
	<p>09041-00030</p>	<p>Torx Driver T30</p>	
	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09070-20010</p>	<p>Moulding Remover</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

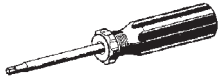
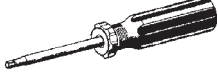
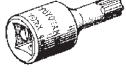



HINT:
Torx is a registered trademark of Textron Inc.

EQUIPMENT

Torque wrench	
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NAVIGATION

RECOMMENDED TOOLS

	09041-00010	Torx Driver T20	
	09041-00030	Torx Driver T30	
	09042-00010	Torx Socket T30	
	09070-20010	Moulding Remover	
	09082-00040	TOYOTA Electrical Tester	
	(09083-00150)	Test Lead Set	

PP

HINT:
Torx is a registered trademark of Textron Inc.

EQUIPMENT

Torque wrench	
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HORN

EQUIPMENT

Torque wrench	
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OTHER SYSTEM

EQUIPMENT

Torque wrench	
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WINDSHIELD / WINDOWGLASS

RECOMMENDED TOOLS

	09070-20010	Moulding Remover	
	09082-00040	TOYOTA Electrical Tester	
	(09083-00150)	Test Lead Set	

PP

EQUIPMENT

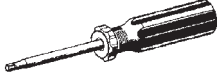
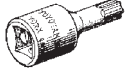

Knife	
Piano wire	Windshield
Plastic sheet	To avoid surface damage
Sealer gun	
Torque wrench	
Tape	To avoid surface damage
Wooden block or similar object	For tying piano wire ends

SSM

	08850-00801	Windshield Glass Adhesive Set or equivalent	
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INSTRUMENT PANEL

RECOMMENDED TOOLS

	<p>09041-00030</p>	<p>Torx Driver T30</p>	
	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09070-20010</p>	<p>Moulding Remover</p>	

PP

HINT:

Torx is a registered trademark of Textron Inc.

EQUIPMENT

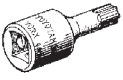
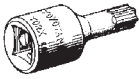




Torque wrench	
Adhesive Tape	



SEAT

RECOMMENDED TOOLS

PP

	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09042-00030</p>	<p>Torx Socket T20</p>	
	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	
	<p>09200-00010</p>	<p>Engine Adjust Kit</p>	
	<p>(09203-00010)</p>	<p>Thickness Gauge</p>	


HINT:
Torx is a registered trademark of Textron Inc.

EQUIPMENT

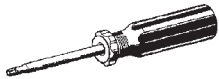
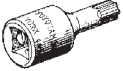
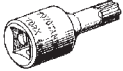
Hog ring pliers	
Hog ring	
Torque wrench	
Tape	To avoid surface damage

ENGINE HOOD / DOOR

SST

	<p>09812-00010</p>	<p>Door Hinge Set Bolt Wrench</p>	
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RECOMMENDED TOOLS

	<p>09041-00020</p>	<p>Torx Driver T25</p>	
	<p>09042-00010</p>	<p>Torx Socket T30</p>	
	<p>09042-00020</p>	<p>Torx Socket T40</p>	

HINT:
Torx is a registered trademark of Textron Inc.

PP

EQUIPMENT

Clip remover	
Tape	To avoid surface damage
Torque wrench	

LUBRICANT

Item	Capacity	Classification
MP grease	-	-




SSM

	08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	
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EXTERIOR

RECOMMENDED TOOLS

	09070-20010	Moulding Remover	
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PP


EQUIPMENT

Clip remover	
Heat light	Moulding
Protective tape	To avoid surface damage.
Torque wrench	



INTERIOR

RECOMMENDED TOOLS

	<p>09070-20010</p>	<p>Moulding Remover</p>	
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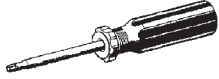
EQUIPMENT

Clip remover	
Torque wrench	



SLIDING ROOF

RECOMMENDED TOOLS

	09041-00020	Torx Driver T25	
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PP

HINT:

Torx is a registered trademark of Textron Inc.

EQUIPMENT

Torque wrench	
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LUBRICANT

Item	Capacity	Classification
MP grease	-	-

PP

MULTIPLEX COMMUNICATION



RECOMMENDED TOOLS

	<p>09082-00040</p>	<p>TOYOTA Electrical Tester</p>	
	<p>(09083-00150)</p>	<p>Test Lead Set</p>	

CAN COMMUNICATION

RECOMMENDED TOOLS

PP

	09082-00040	TOYOTA Electrical Tester	
	(09083-00150)	Test Lead Set	