
PREPARATION

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MAINTENANCE
EQUIPMENT

PP1DC-01

Mirror	Brake hose
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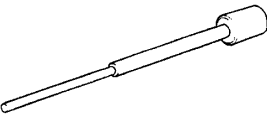
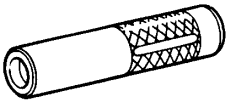
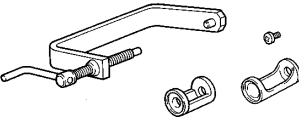
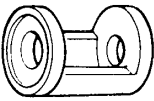
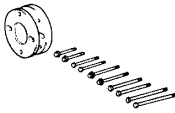
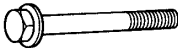
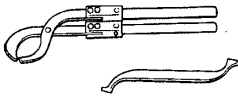
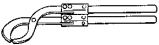
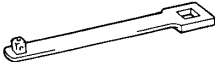
LUBRICANT

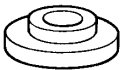
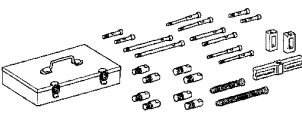
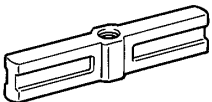
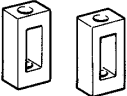
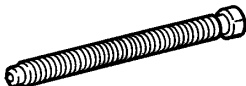
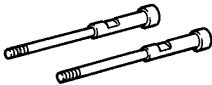
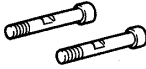
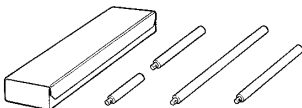
Item	Capacity	Classification
Brake fluid	–	SAE J1703 or FMVSS No.116 DOT3

ENGINE MECHANICAL

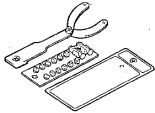
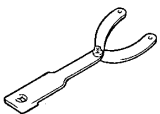
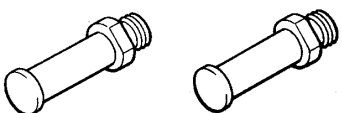
SST (Special Service Tools)

PP06O-06

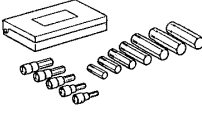
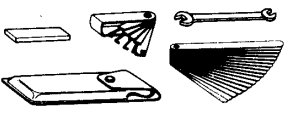
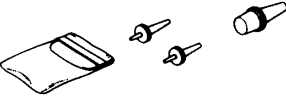
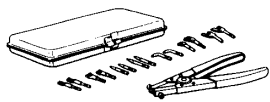
	09201-01055 Valve Guide Bushing Remover & Replacer 5.5	
	09201-41020 Valve Stem Oil Seal Replacer	
	09202-70020 Valve Spring Compressor	
	(09202-00010) Attachment	
	09213-54015 Crankshaft Pulley Holding Tool	
	(91651-60855) Bolt	
	09222-30010 Connecting Rod Bushing Remover & Replacer	
	09223-15030 Oil Seal & Bearing Replacer	Crankshaft rear oil seal
	09248-55040 Valve Clearance Adjust Tool Set	
	(09248-05410) Valve Lifter Press	
	(09248-05420) Valve Lifter Stopper	
	09249-63010 Torque Wrench Adaptor	RH camshaft timing pulley

	09330-00021 Companion Flange Holding Tool	Crankshaft pulley
	09608-03071 Replacer	Spark plug tube gasket
	09816-30010 Oil Pressure Switch Socket	Knock sensor
	09843-18020 Diagnosis Check Wire	
	09950-50012 Puller C Set	
	(09951-05010) Hanger 150	Crankshaft pulley Crankshaft timing pulley
	(09952-05010) Slide Arm	Crankshaft pulley Crankshaft timing pulley
	(09953-05010) Center Bolt 100	Crankshaft pulley Crankshaft timing pulley
	(09953-05020) Center Bolt 150	Crankshaft pulley Crankshaft timing pulley
	(09954-05010) Claw No.1	Crankshaft timing pulley
	(09954-05020) Claw No.2	Crankshaft pulley
	09950-70010 Handle Set	
	(09951-07100) Handle 100	Valve guide bushing Crankshaft rear oil seal

PREPARATION – ENGINE MECHANICAL

	09960-10010 Variable Pin Wrench Set	
	(09962-01000) Variable Pin Wrench Arm Assy	Camshaft timing pulley Camshaft sub-gear
	(09963-01000) Pin 10	Camshaft timing pulley
	(09963-00500) Pin 5	Camshaft sub-gear

RECOMMENDED TOOLS

	09040-00011 Hexagon Wrench Set .	
	09090-04020 Engine Sling Device	For suspending engine
	09200-00010 Engine Adjust Kit .	
	09258-00030 Hose Plug Set .	Plug for the vacuum hose, fuel hose etc
	09904-00010 Expander Set .	

EQUIPMENT

Abrasive compound	
Caliper gauge	
CO/HC meter	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Engine tune-up tester	
Groove cleaning tool	
Heater	
Magnetic finger	
Micrometer	
OBDII scan tool	
Pin hole grinder	Piston pin hole
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Ridge reamer	
Soft brush	
Spring tester	Valve spring
Steel square	Valve spring
Thermometer	
Torque wrench	
Valve seat cutter	
Vernier calipers	
Wire brush	Valve

SSM (Special Service Materials)

08826-00080	Seal Packing Black or equivalent (FIPG)	Camshaft bearing cap Semi-circular plug Cylinder head cover Rear oil seal retainer
08826-00100	Seal Packing 1282B, THREE BOND 1282B or equivalent (FIPG)	Engine coolant drain union Water seal plate Water inlet housing
08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	Spark plug tube Drive plate bolt
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	No.1 idler pulley pivot bolt

EMISSION CONTROL EQUIPMENT

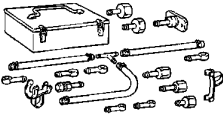
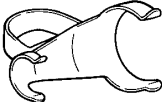
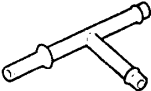
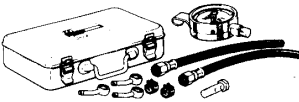
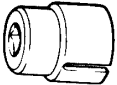
PP06S-03

Torque wrench	
MITYVAC (Hand-held vacuum pump)	

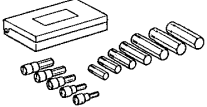
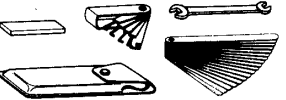
ELECTRONIC FUEL INJECTION

SST (Special Service Tools)

PP3DM-01

	09268-41047 Injection Measuring Tool Set	INJECTOR FUEL PUMP
	(09268-41100) Clamp	INJECTOR
	(09268-41300) Clamp	INJECTOR
	(09268-41250) T Joint	FUEL PUMP
	09268-45012 EFI Fuel Pressure Gauge	FUEL PUMP
	09817-16011 Back-up Light Switch Tool	KNOCK SENSOR
	09842-30070 Wiring "F" EFI Inspection	INJECTOR EFI SYSTEM
	09843-18020 Diagnosis Check Wire	IDLE SPEED CONTROL (ISC) VALVE

RECOMMENDED TOOLS

	09040-00011 Hexagon Wrench Set .	
	09082-00040 TOYOTA Electrical Tester.	
	09200-00010 Engine Adjust Kit .	
	09258-00030 Hose Plug Set .	Plug for the vacuum hose, fuel hose etc.

EQUIPMENT

Carburetor cleaner	Throttle body
Graduated cylinder	Injector
OBD scan tool	
Soft brush	Throttle body
Sound scope	Injector
Torque wrench	
Vacuum gauge	

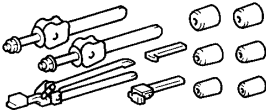
SSM (Special Service Materials)

08826-00080	Seal Packing Black or equivalent (FIPG)	Intake air control valve
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COOLING

SST (Special Service Tools)

PPQJZ-02

	09230-01010 Radiator Service Tool Set	
	09231-14010 Punch	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.
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EQUIPMENT

Heater	Water temperature switch
Radiator cap tester	
Thermometer	Water temperature switch
Torque wrench	

COOLANT

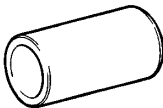
PP06Z-03

Item	Capacity	Classification
Engine coolant	9.0 liters (9.5 US qts, 7.9 Imp. qts)	Ethylene-glycol base

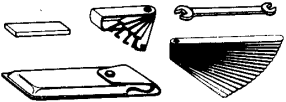
LUBRICATION

SST (Special Service Tools)

PP070-03

	09032-00100 Oil Pan Seal Cutter	No.2 oil pan
	09223-00010 Cover & Seal Replacer	Crankshaft front oil seal
	09228-07501 Oil Filter Wrench	
	09816-30010 Oil Pressure Switch Socket	

RECOMMENDED TOOLS

	09200-00010 Engine Adjust Kit .	
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EQUIPMENT

Oil pressure gauge	
Precision straight edge	Oil pump
Torque wrench	

LUBRICANT

Item	Capacity	Classification
Engine oil		
Dry fill	5.2 liters (5.5 US qts, 4.6 Imp. qts)	API grade SH, Energy-Conserving II or SJ, Energy-Conserving or ILSAC multigrade engine oil.
Drain and refill		
w/ Oil filter change	4.7 liters (5.0 US qts, 4.1 Imp. qts)	
w/o Oil filter change	4.5 liters (4.8 US qts, 4.0 Imp. qts)	

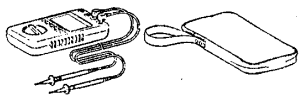
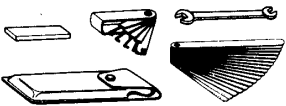
SSM (Special Service Materials)

08826-00080	Seal Packing Black or equivalent (FIPG)	Oil pump No.1 oil pan No.2 oil pan
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	Oil pressure switch

IGNITION

RECOMMENDED TOOLS

PP075-03

	09082-00040 TOYOTA Electrical Tester.	
	09200-00010 Engine Adjust Kit .	

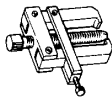
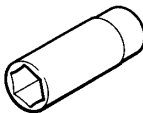
EQUIPMENT

Megger insulation resistance meter	Spark plug
Spark plug cleaner	

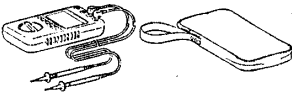
STARTING

SST (Special Service Tools)

PP1DE-01

	09286-46011	Injection Pump Spline Shaft Puller	Armature bearing
	09810-38140	Starter Magnet Switch Nut Wrench 14	Terminal nut
	09820-00030	Alternator Rear Bearing Replacer	Armature front bearing

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.
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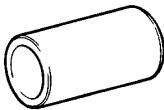
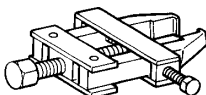
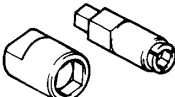
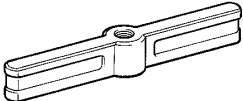
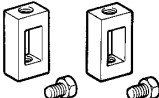
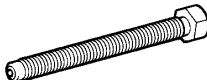
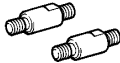
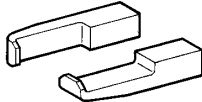
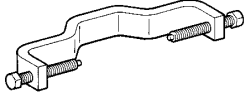
EQUIPMENT

Dial indicator	Commutator
Magnetic finger	Steel ball
Press	Magnetic switch terminal kit
Pull scale	Brush spring
Sandpaper	Commutator
Torque wrench	
V-block	Commutator
Vernier calipers	Commutator, Brush

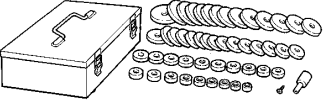
CHARGING

SST (Special Service Tools)

PP3DO-01

	09223-00010	Cover & Seal Replacer	Rotor front bearing
	09285-76010	Injection Pump Camshaft Bearing Cone Replacer	Rotor rear bearing cover
	09820-00021	Alternator Rear Bearing Puller	
	09820-00030	Alternator Rear Bearing Replacer	Rotor rear bearing
	09820-63010	Alternator Pulley Set Nut Wrench Set	
	09950-40011	Puller B Set	
	(09951-04020)	Hanger 200	Rectifier end frame
	(09952-04010)	Slide Arm	Rectifier end frame
	(09953-04020)	Center Bolt 150	Rectifier end frame
	(09954-04010)	Arm 25	Rectifier end frame
	(09955-04071)	Claw No.7	Rectifier end frame
	(09958-04011)	Holder	Rectifier end frame

PREPARATION – CHARGING

	09950-60010 Replacer Set	
	((09951-00480) Replacer 48	Rotor front bearing

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.
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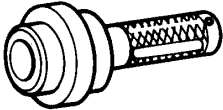
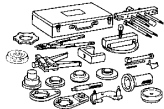
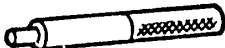
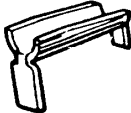
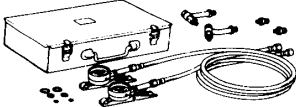
EQUIPMENT

Ammeter(A)	
Belt tension gauge	
Torque wrench	
Vernier calipers	Rotor (Slip ring), Brush

AUTOMATIC TRANSAXLE

SST (Special Service Tools)

PP3DN-01

	09223-46011	Crankshaft Front Oil Seal Replacer	
	09308-00010	Oil Seal Puller	
	09325-20010	Transmission Oil Plug	
	09350-32014	TOYOTA Automatic Transmission Tool Set	
	(09351-32111)	Side Bearing Race Replacer	
	(09351-32130)	Handle	
	(09351-32010)	One-way Clutch Test Tool	
	(09351-32020)	Stator Stopper	
	09992-00095	Automatic Transmission Oil Pressure Gauge Set	
	(09992-00231)	Adaptor C	
	(09992-00271)	Gauge Assy	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09090-04020 Engine Sling Device	

EQUIPMENT

Straight edge	Torque converter
Vernier calipers	Torque converter
Dial indicator or dial indicator with magnetic base	Drive plate
Hexagon Wrench (10 mm)	
Torque wrench	
OBD scan tool	

LUBRICANT

Item	Capacity	Classification
Automatic transaxle fluid		
Dry fill	8.9 liters (9.41 US qts, 7.83 Imp. qts)	ATF TYPE T-IV or equivalent
Drain and refill	3.9 liters (4.1 US qts, 3.4 Imp. qts)	
Transfer oil	0.9 liters (0.95 US qts, 0.71 Imp. qts)	APL GL-5 SAE 75W – 90

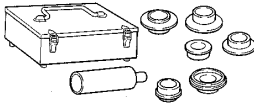
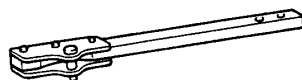
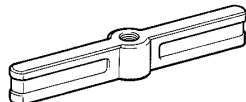
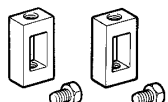
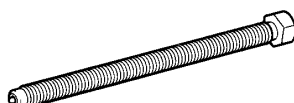
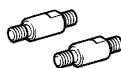
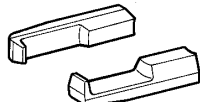
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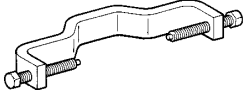
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	Shift lever knob screw
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PROPELLER SHAFT

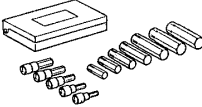
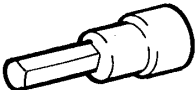
SST (Special Service Tools)

PP1E7-02

	09316-60011 Transmission & Transfer Bearing Replacer	Dust cover
	(09316-00011) Replacer Pipe	
	09325-20010 Transmission Oil Plug	Oil leakage prevention
	09330-00021 Companion Flange Holding Tool	Companion flange
	09370-50010 Drive Line Angle Gauge	Joint angle
	09950-40011 Puller B Set	Front and rear flange
	(09951-04020) Hanger 200	
	(09952-04010) Slide Arm	
	(09953-04030) Center Bolt 200	
	(09954-04010) Arm 25	
	(09955-04061) Claw No.6	
	(09957-04010) Attachment	

	(09958-04011) Holder
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RECOMMENDED TOOLS

	09040-00011 Hexagon Wrench Set .	
	(09043-20060) Socket Hexagon Wrench 6.	

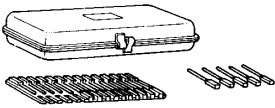
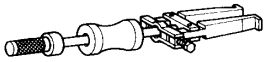
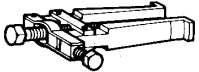
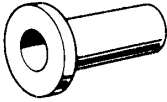
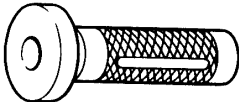
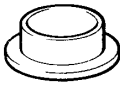
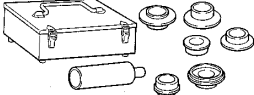
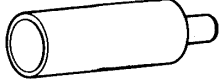
EQUIPMENT

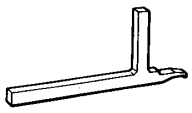
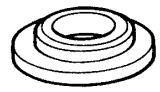
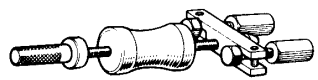
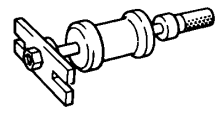
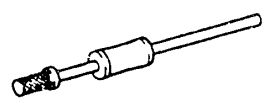
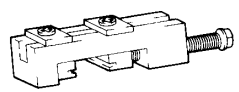
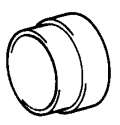
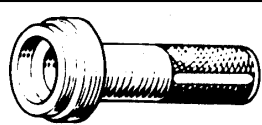
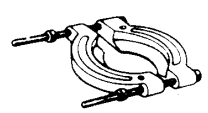
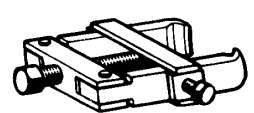
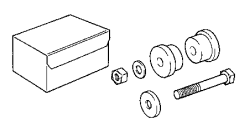
Torque wrench	
Dial indicator	

SUSPENSION AND AXLE

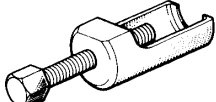
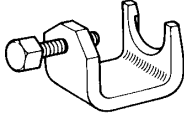
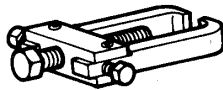
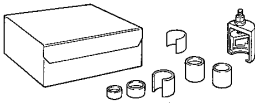
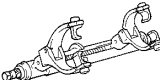
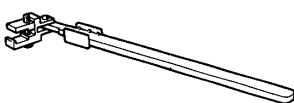
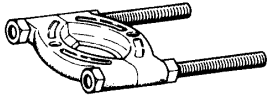
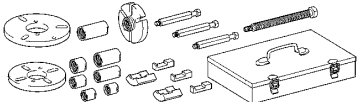
SST (Special Service Tools)

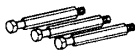
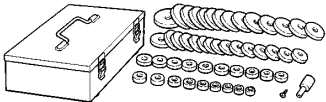
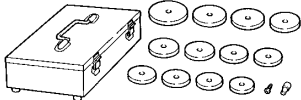
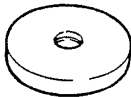
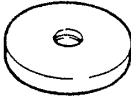
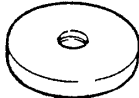
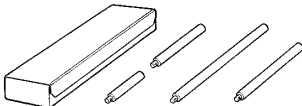
PP3DJ-01

	09240-00020 Wire Gauge Set	Front drive shaft
	09308-00010 Oil Seal Puller	Rear axle Rear differential
	09308-10010 Oil Seal Puller	Rear differential
	09309-36010 Transmission Rear Bearing Replacer	Front drive shaft Rear drive shaft
	09310-35010 Countershaft Bearing Replacer	Front axle Rear axle
	09316-20011 Transfer Bearing Replacer	Front drive shaft Rear drive shaft
	09316-60011 Transmission & Transfer Bearing Replacer	
	(09316-00011) Replacer Pipe	Front axle Front suspension Rear axle
	(09316-00031) Replacer "B"	Rear axle
	(09316-00041) Replacer "C"	Front axle Front suspension
	09330-00021 Companion Flange Holding Tool	Rear differential
	09502-12010 Differential Bearing Replacer	Rear axle

	09504-22011	Differential Side Bearing Replacer	Rear differential
	09506-30012	Differential Drive Pinion Rear Bearing Cone Replacer	Rear differential
	09520-00031	Rear Axle Shaft Puller	Front axle Rear axle
	09520-01010	Drive Shaft Remover Attachment	Front drive shaft
	09520-24010	Differential Side Gear Shaft Puller	
	(09520-32040)	Shocker Set	Front drive shaft
	09521-24010	Drive Shaft Boot Clamping Tool	Front drive shaft
	09527-17011	Rear Axle Shaft Bearing Remover	Front axle Rear axle
	09550-00032	Replacer	Rear differential
	09554-22010	Differential Oil Seal Replacer	Rear differential
	09555-55010	Differential Drive Pinion Bearing Replacer	Rear axle
	09556-22010	Drive Pinion Front Bearing Remover	Rear differential
	09608-16042	Front Hub Bearing Adjusting Tool	Front drive shaft Rear drive shaft

PREPARATION — SUSPENSION AND AXLE

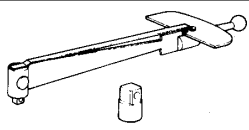
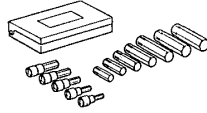
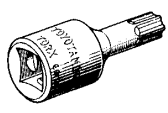
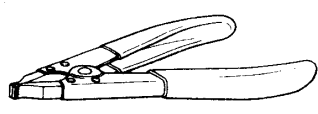
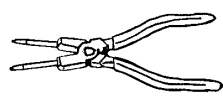
	(09608-02021) Bolt & Nut	
	(09608-02041) Retainer	
	09608-32010 Steering Knuckle Oil Seal Replacer	Front axle Front suspension Rear axle
	09610-20012 Pitman Arm Puller	Front axle
	09628-10011 Ball Joint Puller	Front axle Rear axle
	09628-62011 Ball Joint Puller	Front axle Front suspension
	09710-22021 Front Suspension Bushing Tool Set	Rear differential
	(09710-01031) Upper Arm Bushing Replacer	
	09727-30021 Coil Spring Compressor	Front suspension Rear suspension
	09729-22031 Front Spring Upper Seat Holder	Front suspension
	09950-00020 Bearing Remover	Front axle Front drive shaft Rear differential
	09950-30011 Puller A Set	Rear differential
	(09951-03010) Upper Plate	

	(09953-03010) Center Bolt	
	(09954-03010) Arm	
	(09955-03030) Lower Plate 130	
	(09956-03020) Adapter 18	
	09950-60010 Replacer Set	
	(09951-00360) Replacer 36	Rear axle
	(09951-00400) Replacer 40	Front axle
	09950-60020 Replacer Set No.2	
	(09951-00710) Replacer 71	Rear axle Rear differential
	(09951-00730) Replacer 73	Rear axle
	(09951-00790) Replacer 79	Rear differential
	09950-70010 Handle Set	
	(09951-07100) Handle 100	Front axle Rear axle

PREPARATION – SUSPENSION AND AXLE

	(09951-07150) Handle 150	Rear differential
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RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	
	09040-00011 Hexagon Wrench Set .	
	09042-00010 Torx Socket T30 .	
	09905-00012 Snap Ring No.1 Expander .	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Torque wrench	
Drill	
Dial indicator with magnetic base	
Micrometer	

LUBRICANT

Item		Capacity	Classification
Front drive shaft			
Outboard joint grease	Color=Yellow	115 – 135 g (4.1 – 4.8 oz.)	
Inboard joint grease	Color=Gray	95 – 115 g (3.4 – 4.1 oz.)	
Rear drive shaft			
Outboard joint grease	Color=Gray	107 – 117 g (3.77 – 4.13 oz.)	
Inboard joint grease	Color=Yellow	180 – 190 g (6.35 – 6.70 oz.)	
Differential oil		0.9 ± 0.05 liters $(0.95 \pm 0.05$ US qts, 0.79 ± 0.04 Imp.qts)	Hypoid gear oil API GL-5 Above -18°C (0°F) SAE90 Below -18°C (0°F) SAE 80W or 80W-90

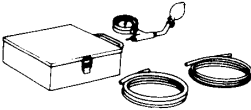
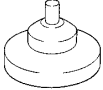
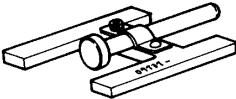
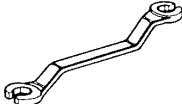
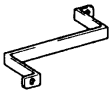
SSM (Special Service Materials)

08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIPG)	Rear Differential
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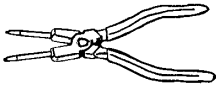
BRAKE

SST (Special Service Tools)

PP3DP-01

	09992-00242 Turbocharger Pressure Gauge	
	09992-00350 Brake Reservoir Pressure Adapter	
	09737-00011 Brake Booster Push Rod Gauge	
	09737-00010 Brake Booster Push Rod Gauge	
	09751-36011 Brake Line Union Nut 10 x 12 mm Wrench	
	09737-00020 Brake Booster Push Rod Wrench	
	09709-29018 LSPV Gauge Set	
	09843-18020 Diagnosis Check Wire	
	09843-18040 Diagnosis Check Wire No.2	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Torque wrench	
Micrometer	Brake disc
Dial indicator	Brake disc
Brake drum gauge	Brake disc

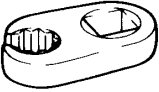
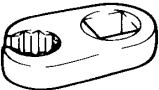
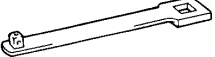
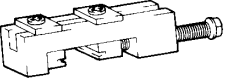
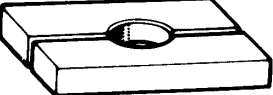
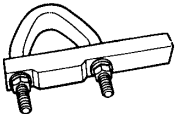
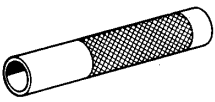
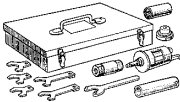
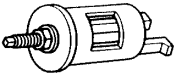
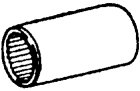
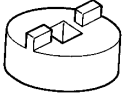
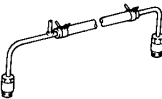
LUBRICANT

Item	Capacity	Classification
Brake fluid	–	SAE J1703 or FMVSS No. 116 DOT3

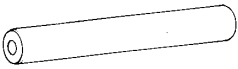
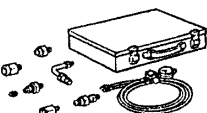
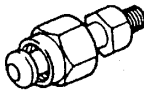
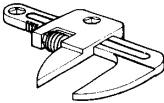
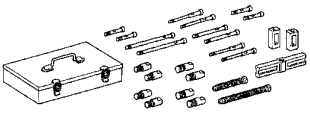
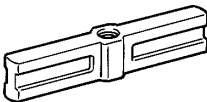
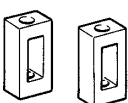
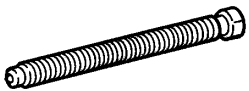
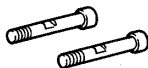
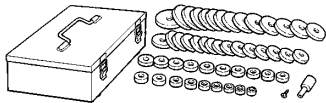
STEERING

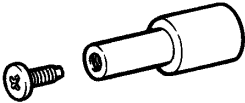
SST (Special Service Tools)

PP1DK-03

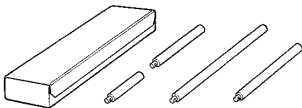
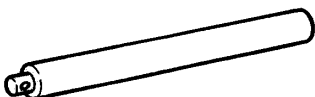
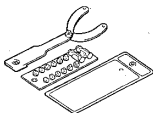
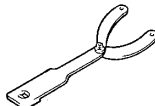
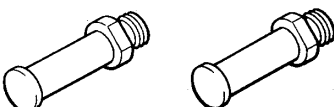
	09023-38200	Union Nut Wrench 12mm	PS gear
	09023-38400	Union Nut Wrench 14mm	PS gear
	09249-63010	Torque Wrench Adaptor	PS vane pump
	09521-24010	Drive Shaft Boot Clamping Tool	PS gear
	09527-20011	Rear Axle Shaft Bearing Remover	PS gear
	09612-00012	Rack & Pinion Steering Rack Housing Stand	PS gear
	09612-22011	Tilt Handle Bearing Replacer	PS gear
	09612-24014	Steering Gear Housing Overhaul Tool Set	
	(09613-22011)	Steering Rack Shaft Bushing Puller	PS gear
	09616-00011	Steering Worm Bearing Adjusting Socket	PS gear
	09631-10021	Rack Stopper Wrench	PS gear
	09631-12071	Steering Rack Oil Seal Test Tool	PS gear

PREPARATION – STEERING

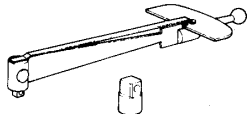
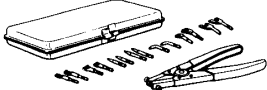
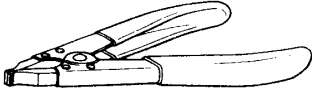
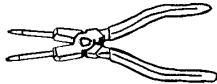
	09631-20081 Seal Ring Tool	PS gear
	09631-33010 Steering Rack Cover "I"	PS gear
	09640-10010 Power Steering Pressure Gauge Set	
	(09641-01010) Gauge Assy	Power steering fluid
	(09641-01020) Attachment A	Power steering fluid
	(09641-01030) Attachment B	Power steering fluid
	09922-10010 Variable Open Wrench	PS gear
	09950-50012 Puller C Set	
	(09951-05010) Hanger 150	Tilt steering column
	(09952-05010) Slide Arm	Tilt steering column
	(09953-05020) Center Bolt 150	Tilt steering column
	(09954-05020) Claw No.2	Tilt steering column
	09950-60010 Replacer Set	

	(09951-00180) Replacer 18	PS gear
	(09951-00240) Replacer 24	PS gear
	(09951-00250) Replacer 25	PS gear
	(09951-00260) Replacer 26	PS gear
	(09951-00270) Replacer 27	PS gear
	(09951-00290) Replacer 29	PS gear
	(09951-00310) Replacer 31	PS gear
	(09951-00320) Replacer 32	PS gear
	(09951-00330) Replacer 33	PS vane pump
	(09951-00340) Replacer 34	PS gear
	(09951-00400) Replacer 40	PS gear
	(09951-00430) Replacer 43	PS gear
	(09952-06010) Adapter	PS gear

PREPARATION – STEERING

	09950-70010 Handle Set	
	(09951-07100) Handle 100	PS vane pump
	(09951-07200) Handle 200	PS gear
	(09951-07360) Handle 360	PS gear
	09960-10010 Variable Pin Wrench Set	
	(09962-01000) Variable Pin Wrench Arm Assy	PS vane pump
	(09963-01000) Pin 10	PS vane pump

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 <kgfcm>) .	PS vane pump PS gear
	09042-00010 Torx Socket T30 .	Tilt steering column
	09904-00010 Expander Set .	
	09905-00012 Snap Ring No.1 Expander .	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Belt tension gauge	Drive belt
Caliper gauge	PS vane pump
Calipers	PS vane pump
Dial indicator	PS gear
Feeler gauge	PS vane pump
Micrometer	PS vane pump
Torque wrench	

LUBRICANT

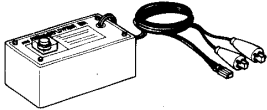
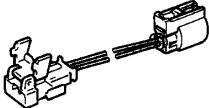
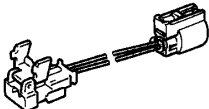
Item	Capacity	Classification
Power steering fluid Total	1.1 liters (1.2 US qts, 1.0 Imp.qts)	ATF DEXRON® II or III

SSM (Special Service Materials)

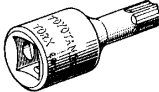
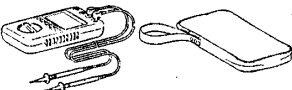
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	PS gear
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SUPPLEMENTAL RESTRAINT SYSTEM
SST (Special Service Tools)

PP0SY-01

	09082-00700	SRS Airbag Deployment Tool	
	09082-00750	Airbag Deployment Wire Sub-harness No.3	for Side Airbag Assembly
	09082-00760	Airbag Deployment Wire Sub-harness No.4	for Driver's and Front Passenger Airbag Assembly
	09843-18020	Diagnosis Check Wire	

RECOMMENDED TOOLS

	09042-00020 Torx Socket T40 .	
	09082-00040 TOYOTA Electrical Tester.	

EQUIPMENT

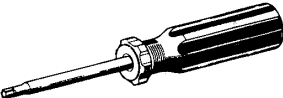
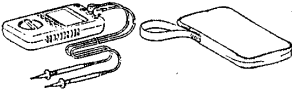
Torque wrench	
Bolt: Length: 35 mm (1.38 in.) Pitch: 1.0 mm (0.039 in.) Diam: 6.0 mm (0.236 in.)	Airbag disposal
Tire Width: 185 mm (7.28 in.) Inner diam: 360 mm (14.17 in.)	Airbag disposal
Tire with disc wheel Width: 185 mm (7.28 in.) Inner diam: 360 mm (14.17 in.)	Airbag disposal
Vinyl bag	Airbag disposal

BODY ELECTRICAL
SST (Special Service Tools)

PP000-02

	09843-18020 Diagnosis Check Wire	
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RECOMMENDED TOOLS

	09041-00030 Torx Driver T30 .	For removing and installing steering wheel pad
	09042-00010 Torx Socket T30 .	For removing and installing steering wheel pad
	09082-00040 TOYOTA Electrical Tester.	

EQUIPMENT

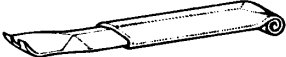
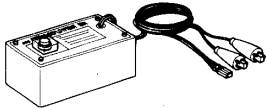
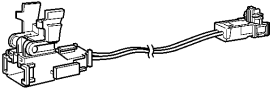
Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	Engine coolant temperature sender gauge, Engine oil level warning switch, Seat heater
Syphon	Brake fluid level warning switch
Oil bath	Engine oil level warning switch
Bulb (1.4 W)	Defogger switch
Bulb (3.4 W)	Fuel sender gauge, Engine coolant temperature receiver gauge, Seat belt warning relay
Dry cell battery	Fuel sender gauge, Power mirror
Heat light	Seat heater
Hexagon wrench (6 mm)	Power seat
Torque wrench	
Clip remover	For removing cowl louver
Masking tape	Rear window defogger wire
Tin foil	Rear window defogger wire

SSM (Special Service Materials)

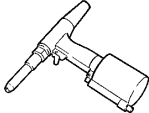
08888-88888	DuPont Paste No. 4817 or equivalent	Rear window defogger
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BODY
SST (Special Service Tools)

PP0T8-06

	09812-00010 Door Hinge Set Bolt Wrench	
	09806-30010 Windshield Moulding Remover	
	09082-00700 SRS Airbag Deployment Tool	
	09082-00770 Airbag Deployment Wire Sub-Harness No.5	

RECOMMENDED TOOLS

	09070-20010 Moulding Remover .	
	09050-20010 Air Riveter.	

EQUIPMENT

Clip remover	
Torque wrench	
Torx driver	
Drill	
Hog ring pliers	
Hand riveter	
Piano wire	
Wooden block	
Tape	To avoid surface damage
Adhesive tape	To avoid surface damage
Double-stick tape	
Adhesive	
Cleaner	
Shop rag	
Knife	
Sealer gun	
Brush	
Putty spatula	
Wooden block or similar object	For tying both piano wire ends
Plastic sheet	To avoid surface damage
Heat light	
Tacker	BANZAI 303XT
Tack Pin	BANZAI UX-7
Rope (no projections, difficult to break)	Seat belt pretensioner disposal
Tire width: 185 mm (7.28 in.) Inner diam: 360 mm (14.17 in.)	Seat belt pretensioner disposal
Tire with disc wheel Width: 185mm (7.28 in.) Inner diam 360 mm (14.17 in.)	Seat belt pretensioner disposal
Vinyl bag	Seat belt pretensioner disposal

LUBRICANT

Item	Capacity	Classification
MP grease	–	–

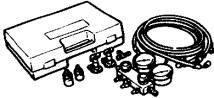
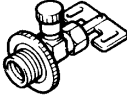
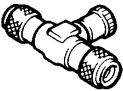
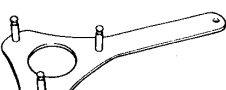
SSM (Special Service Materials)

08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	
08833-00030	Three cement black or equivalent	
08850-00801	Windshield Glass Adhesive Set or equivalent	

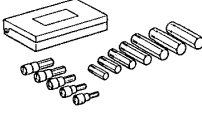
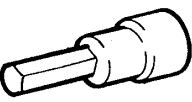
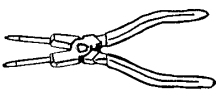
AIR CONDITIONING

SST (Special Service Tools)

PP1EH-02

	07110-58060 Air Conditioner Service Tool Set	
	(07117-58060) Refrigerant Drain Service Valve	
	(07117-58070) T-Joint	
	(07117-58080) Quick Disconnect Adapter	High pressure side
	(07117-58090) Quick Disconnect Adapter	Low pressure side
	(07117-88060) Refrigerant Charging Hose	High pressure side (Color: Red)
	(07117-88070) Refrigerant Charging Hose	Low pressure side (Color: Blue)
	(07117-88080) Refrigerant Charging Hose	Utility (Color: Green)
	07112-66040 Magnetic Clutch Remover	
	07112-76060 Magnetic Clutch Stopper	
	07116-38360 Gas Leak Detector Assembly	

RECOMMENDED TOOLS

	09040-00011 Hexagon Wrench Set .	Expansion valve
	(09043-20050) Socket Hexagon Wrench 5.	5.0 mm (0.20 in.)
	09082-00040 TOYOTA Electrical Tester.	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	Sensor
Torque wrench	
Dial indicator	Magnetic clutch
Plastic hammer	Magnetic clutch

LUBRICANT

Item	Capacity	Classification
Compressor oil	–	ND-OIL 8 or equivalent
When replacing condenser	40 cc (1.4 fl. oz.)	
When replacing evaporator	40 cc (1.4 fl. oz.)	