

MAINTENANCE EQUIPMENT

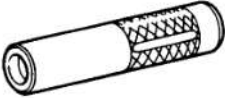
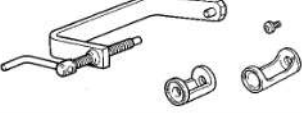
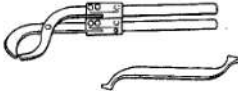
PP0CM-01

Mirror	Brake hose
Torque wrench	

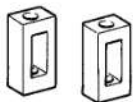
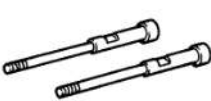
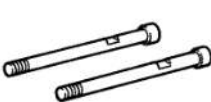
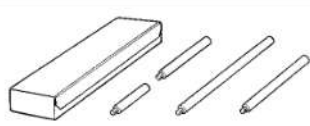
ENGINE MECHANICAL (5VZ-FE)

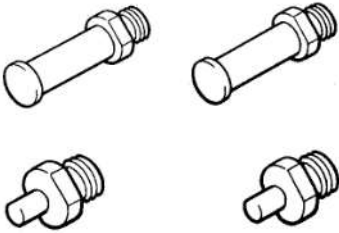
SST (Special Service Tools)

PP016-09

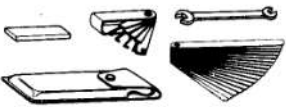
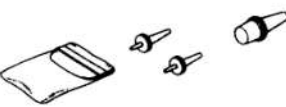
 	09201-10000 Valve Guide Bushing Remover & Replacer Set (09201-01060) Valve Guide Bushing Remover & Replacer 6	
	09201-41020 Valve Stem Oil Seal Replacer	
	09202-70020 Valve Spring Compressor	
 	09213-54015 Crankshaft Pulley Holding Tool (90119-08216) Bolt	
	09222-30010 Connecting Rod Bushing Remover & Replacer	
	09223-15030 Oil Seal & Bearing Replacer	Crankshaft rear oil seal
	09228-07501 Oil Filter Wrench	
  	09248-55040 Valve Clearance Adjust Tool Set (09248-05410) Valve Lifter Press (09248-05420) Valve Lifter Stopper	

PREPARATION - ENGINE MECHANICAL (5VZ-FE)

	09330-00021 Companion Flange Holding Tool	Crankshaft pulley
	09816-30010 Oil Pressure Switch Socket	Oil pressure switch
	09843-18020 Diagnosis Check Wire	
     	09950-50013 Puller C Set (09951-05010) Hanger 150 (09952-05010) Slide Arm (09953-05020) Center Bolt 150 (09954-05011) Claw No.1 (09954-05031) Claw No.3	Crankshaft pulley Crankshaft timing pulley Crankshaft pulley Crankshaft timing pulley Crankshaft pulley Crankshaft timing pulley Crankshaft timing pulley Crankshaft pulley
 	09950-70010 Handle Set (09951-07150) Handle 150	Crankshaft rear oil seal Valve guide bushing
 	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
	(09963-00600) Pin 6	Camshaft sub-gear

RECOMMENDED TOOLS

	09040-0001 1 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

Caliper gauge	
CO/HC meter	
Compression gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator	
Dye penetrant	
Timing light	Ignition timing
OBDII scan tool	Engine speed
Heater	
Magnetic finger	
Micrometer	
Piston ring compressor	
Piston ring expander	
Plastigage	
Precision straight edge	
Soft brush	
Spring tester	Valve spring
Steel square	Valve spring
Thermometer	
Torque wrench	
Valve seat cutter	
Vernier calipers	

EMISSION CONTROL (5VZ-FE)

RECOMMENDED TOOLS

PP014-01

	09082-00040 TOYOTA Electrical Tester.	
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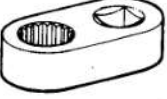
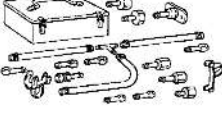
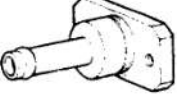
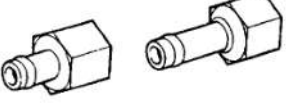
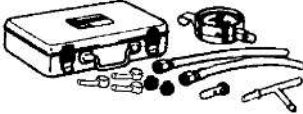
EQUIPMENT

Hose clipper	
OBDII scan tool	Engine speed
Torque wrench	
Vacuum gauge	

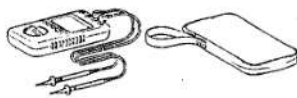
SFI (5VZ-FE)

SST (Special Service Tools)

PP01D-09

	09023-38400 Union Nut Wrench 14mm	Fuel line flare nut
	09205-76030 Cylinder Head Setting Bolt Tightening Adaptor	ECT sensor
  	09268-41047 Injection Measuring Tool Set (09268-41091) NO.7 Union (09268-5201 1) Injection Measuring Attachment	
	09268-45014 EFI Fuel Pressure Gauge	
	09817-1601 1 Back-up Light Switch Tool	Knock sensor
	09842-30070 Wiring "F" EFI Inspection	
	09843-18020 Diagnosis Check Wire	

RECOMMENDED TOOLS

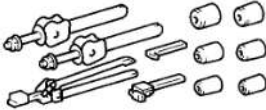
	09082-00040 TOYOTA Electrical Tester.	
	09200-00010 Engine Adjust Kit .	
	09258-00030 Hose Plug Set .	Plug for vacuum hose, fuel hose, etc.

EQUIPMENT

Carburetor cleaner	Throttle body
Graduated cylinder	Injector
OBD II scan tool	Engine speed
Soft brush	Throttle body
Sound scope	Injector
Torque wrench	

COOLING (5VZ-FE)
SST (Special Service Tools)

PP011-01

	09230-01010 Radiator Service Tool Set	
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EQUIPMENT

Heater	
Radiator cap tester	
Thermometer	
Torque wrench	

COOLANT

Item	Capacity	Classification
w/ Rear heater	9.0 liters (9.5 US qts, 7.9 Imp. qts)	"TOYOTA Long Life Coolant" or equivalent
w/o Rear heater	8.0 liters (8.5 US qts, 7.0 Imp. qts)	

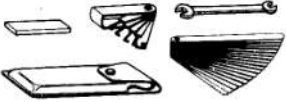
LUBRICATION (5VZ-FE)

SST (Special Service Tools)

PP01R-01

	09032-00100	Oil Pan Seal Cutter	
	09228-07501	Oil Filter Wrench	
	09309-37010	Transmission Bearing Replacer	Camshaft front oil seal
	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		API grade SH, Energy-Conserving II multigrade engine oil or ILSAC multigrade engine oil and recommended viscosity oil, with SAE 5W-30 being preferred engine oil
Dry fill	5.9 liters (6.2 US qts, 5.2 Imp. qts)	
Drain and refill		
w/ Oil filter change	5.2 liters (5.5 US qts, 4.6 Imp. qts)	
w/o Oil filter change	4.9 liters (5.2 US qts, 4.3 Imp. qts)	

IGNITION (5VZ-FE)

RECOMMENDED TOOLS

PP01Z-01

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

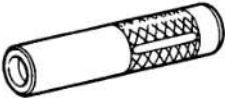
EQUIPMENT

Megger insulation resistance meter	Spark plug
Spark plug cleaner	

STARTING (5VZ-FE)

SST (Special Service Tools)

PP024-01

	09286-4601 1	Injection Pump Spline Shaft Puller	Armature bearing
	09201-41020	Valve Stem Oil Seal Replacer	Armature front bearing
	09810-38140	Starter Magnet Switch Nut Wrench 14	Terminal kit

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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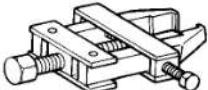
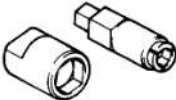
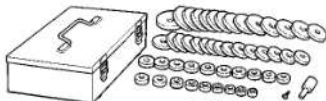
EQUIPMENT

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 (5VZ-FE)

SST (Special Service Tools)

PP02A-02

	09285-76010	Injection Pump Camshaft Bearing Cone Replacer	Rotor rear bearing cover
	09286-4601 1	Injection Pump Spline Shaft Puller	Rectifier end frame
	09820-00021	Alternator Rear Bearing Puller	
	09820-00031	Alternator Rear Bearing Replacer	
	09820-6301 1	Alternator Pulley Set Nut Wrench Set	
 	09950-60010	Replacer Set	Rotor front bearing
	(09951-00500)	Replacer 50	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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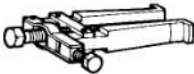
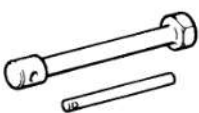
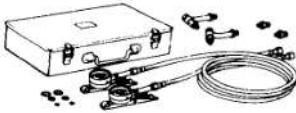
EQUIPMENT

Battery specific gravity gauge	Battery
Belt tension gauge	
Torque wrench	
Vernier calipers	Rotor (Slip ring)

AUTOMATIC TRANSMISSION

SST (Special Service Tools)

PP00X-02

	09032-00100 Oil Pan Seal Cutter	
	09308-10010 Oil Seal Puller	
	09325-40010 Transmission Oil Plug	
  	09350-30020 TOYOTA Automatic Transmission Tool Set (09351-32010) One-way Clutch Test Tool (09351-32020) Stator Stopper	
  	09992-00095 Automatic Transmission Oil Pressure Gauge Set (09992-00151) Adaptor B (09992-00271) Gauge Assy	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09905-00012 Snap Ring No.1 Expander .	

EQUIPMENT

OBDII scan tool	
Torque wrench	
Dial indicator with magnetic base	Drive plate runout
Vernier calipers	Torque converter clutch
Straight edge	Torque converter clutch

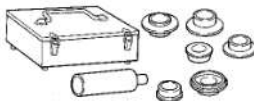
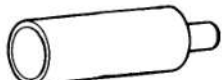
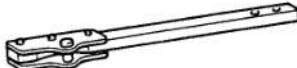
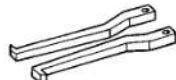
LUBRICANT

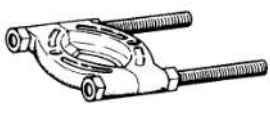
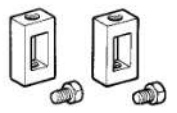
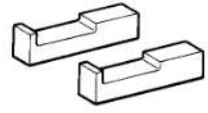
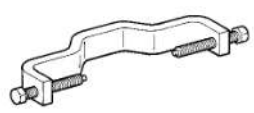
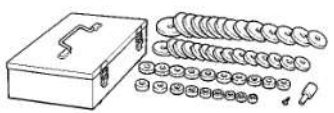
Item	Capacity	Classification
Automatic transmission fluid		
A340E:		
Dry fill	7.2 liters (7.6 US qts, 6.3 Imp.qts)	ATF D-II or DEXRON®III (DEXRON®II)
Drain and refill	1.6 liters (1.7 US qts, 1.4 Imp.qts)	
A340F:		
Dry fill	10.2 liters (10.8 US qts, 9.0 Imp.qts)	
Drain and refill	2.0 liters (2.1 US qts, 1.8 Imp.qts)	

TRANSFER (VF3AM)

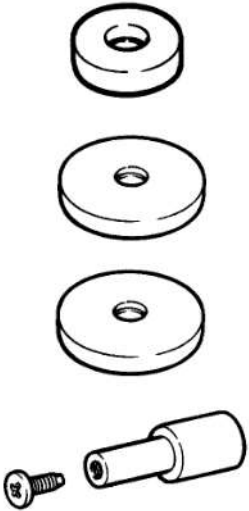
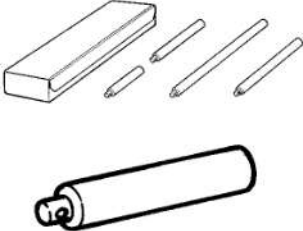
SST (Special Service Tools)

PP120-02

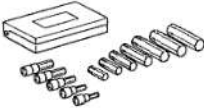
	09223-15020	Oil Seal & Bearing Replacer	Planetary gear outer bearing
	09304-12012	Input Shaft Front Bearing Replacer	Shift fork shaft oil seal
	09316-6001 1	Transmission & Transfer Bearing Replacer	Output shaft radial ball bearing Front case oil seal Output shaft radial ball bearing
	(09316-0001 1)	Replacer Pipe	
	(09316-00071)	Replacer "F"	
	09330-00021	Companion Flange Holding Tool	Companion flange
	09515-30010	Rear Wheel Bearing Replacer	Planetary gear outer bearing
	09554-22010	Differential Oil Seal Replacer	Extension housing oil seal
	09554-3001 1	Differential Oil Seal Replacer	Planetary gear outer bearing
	09555-55010	Differential Drive Pinion Bearing Replacer	Driven sprocket rear bearing Planetary gear outer bearing
	09612-65014	Steering Worm Bearing Puller	Planetary gear inner bearing
	(09612-01030)	Claw "C"	

	(09612-01050) Hanger Pin with Nut	Planetary gear inner bearing
	09950-00020 Bearing Remover	Output shaft radial ball bearing
	09950-00030 Bearing Remover Attachment	Output shaft radial ball bearing
	09950-4001 1 Puller B Set	Companion flange
	(09951-04020) Hanger 200	
	(09952-04010) Slide Arm	
	(09953-04030) Center Bolt 200	
	(09954-04010) Arm 25	
	(09955-04051) Claw No. 5	
	(09957-04010) Attachment	
	(09958-0401 1) Holder	
	09950-60010 Replacer Set	Companion flange oil seal
	(09951-00220) Replacer 22	

PREPARATION - TRANSFER (VF3AM)

	(09951-00350) Replacer 35 (09951-00570) Replacer 57 (09951-00590) Replacer 59 (09952-06010) Adapter	Companion flange oil seal Planetary gear inner bearing Case cover oil seal Companion flange oil seal
	09950-70010 Handle Set (09951-07100) Handle 100	Case cover oil seal Planetary gear outer bearing Planetary gear inner bearing Companion flange oil seal

RECOMMENDED TOOLS

	09031-00030 Pin Punch .	
	09040-00011 Hexagon Wrench Set .	
	09042-00010 Torx Socket T30 .	
	09082-00040 TOYOTA Electrical Tester.	
	09905-00012 Snap Ring No.1 Expander .	

EQUIPMENT

Dial indicator	
Micrometer	
Torque wrench	
Feeler gauge	
Magnetic finger	
Steel square	
Vernier calipers	
Ohmmeter	

LUBRICANT

Item	Capacity	Classification
Transfer oil	1.2 liters (1.3 US qts, 1.1 Imp.qts)	API GL-4 or GL-5 SAE 75W-90

SSM (Special Service Materials)

08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIPG)	Front case x Rear case Extension housing x Rear case Front bearing retainer x Front case
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	Straight screw plug Head screw plug Extension housing set bolt Front bearing retainer set bolt

PROPELLER SHAFT

SST (Special Service Tools)

PP0EF-01

	09325-20010 Transmission Oil Plug	Transmission oil leakage prevention
	09332-25010 Universal Joint Bearing Remover & Replacer	Spider bearing replacement

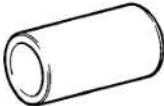
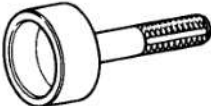
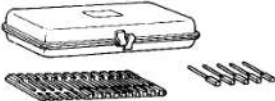
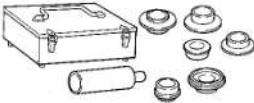
EQUIPMENT

Dial indecator	
Torque wrench	

SUSPENSION AND AXLE

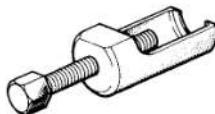
SST (Special Service Tools)

PP3GO-02

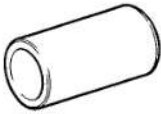
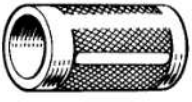
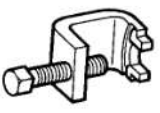
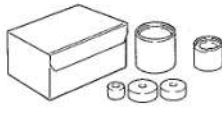
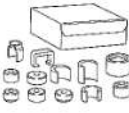
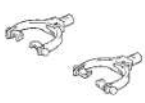
	09214-7601 1	Crankshaft Pulley Replacer	Rear differential
	09223-00010	Cover & Seal Replacer	Front suspension
	09223-15020	Oil Seal & Bearing Replacer	Front differential Rear differential
	09223-15030	Oil Seal & Bearing Replacer	Front axle
	09223-56010	Crankshaft Rear Oil Seal Replacer	Rear axle
	09226-10010	Crankshaft Front & Rear Bearing Replacer	Front differential
	09240-00020	Wire Gauge Set	Front drive shaft
	09308-00010	Oil Seal Puller	Front differential Rear axle Rear differential
	09308-10010	Oil Seal Puller	Front differential Rear differential
	09309-37010	Transmission Bearing Replacer	Front differential Front suspension
	09316-2001 1	Transfer Bearing Replacer	Front suspension
	09316-6001 1	Transmission & Transfer Bearing Replacer	

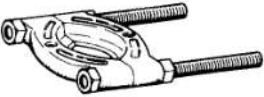
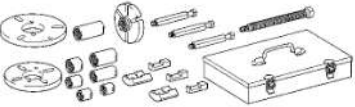
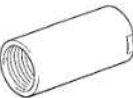
PREPARATION - SUSPENSION AND AXLE

	(09316-0001 1) Replacer Pipe	Rear differential
	(09316-00021) Replacer "A"	Rear differential
	(09316-00051) Replacer "D"	Rear axle Rear differential
	09330-00021 Companion Flange Holding Tool	Front differential Rear differential
	09350-20015 TOYOTA Automatic Transmission Tool Set (09369-20040) Piston Spring Compressor Set	Front differential
	09502-12010 Differential Bearing Replacer	Front differential
	09504-0001 1 Differential Side Bearing Adjusting Nut Wrench	Rear differential
	09506-30012 Differential Drive Pinion Rear Bearing Cone Replacer	Front differential
	09506-35010 Differential Drive Pinion Rear Bearing Replacer	Front suspension Rear suspension
	09515-30010 Rear Wheel Bearing Replacer	Rear axle
	09521-24010 Drive Shaft Boot Clamping Tool	Front drive shaft
	09521-2501 1 Rear Axle Shaft Puller	Rear axle

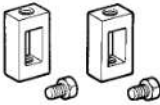
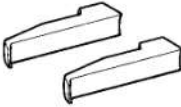
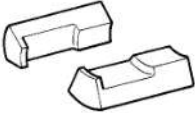
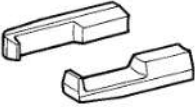
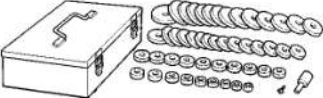
	09527-1701 1	Rear Axle Shaft Bearing Remover	Front axle
	09554-22010	Differential Oil Seal Replacer	Front differential
	09556-22010	Drive Pinion Front Bearing Remover	Front differential Rear differential
	09564-3201 1	Differential Preload Adaptor	Front differential
	09570-2201 1	Differential Mounting Cushion Remover & Replacer	Front differential
	09608-32010	Steering Knuckle Oil Seal Replacer	Front differential
	09610-20012	Pitman Arm Puller	Front suspension
  	09612-65014 Steering Worm Bearing Puller (09612-01020) Claw "B" (09612-01050) Hanger Pin with Nut	Front differential	
	09613-26010	Steering Worm Bearing Cone Remover	Front suspension
	09628-6201 1	Ball Joint Puller	Front drive shaft Front suspension
	09631-10030	Oil Seal Remover	Front drive shaft

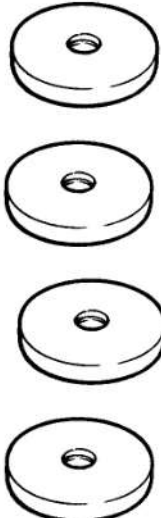
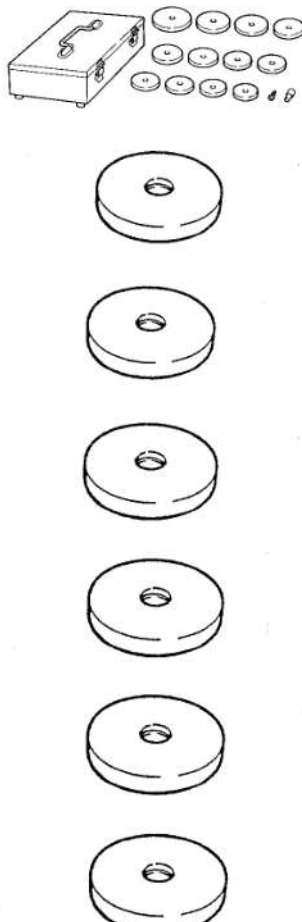
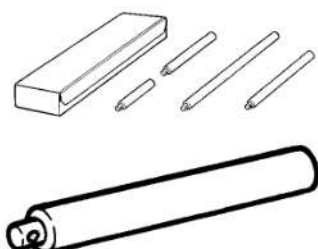
PREPARATION - SUSPENSION AND AXLE

	09631-20060	Bearing Guide Nut Wrench	Front suspension
	09632-36010	Steering Vane Pump Bearing Replacer	Front suspension
	09636-20010	Upper Ball Joint Dust Cover Replacer	Front differential
	09649-17010	Steering Knuckle Tool	Front axle
	09650-17011	Hub Bolt Remover	Front axle Rear axle
  	09710-14013	Rear Suspension Bushing Tool Set	Rear suspension
	(09710-00021)	Pipe	
	(09710-00061)	Replacer	
  	09710-30021	Suspension Bushing Tool Set	Front axle
	(09710-03051)	Bushing Replacer	
	(09710-03121)	Bushing Remover Base	Front suspension
	09726-40010	Lower Control Shaft Bearing Replacer	Rear differential
	09727-00060	Arm Set "C"	Front suspension

	09727-00060 Arm Set "C"	Front suspension
	09727-30021 Coil Spring Compressor	Front suspension
	09922-10010 Variable Open Wrench	Front suspension
	09950-00020 Bearing Remover	Front suspension Front differential Rear differential
	09950-30012 Puller A Set	Front differential Rear differential
	(09951-03010) Upper Plate	
	(09953-03010) Center Bolt	
	(09954-03010) Arm	
	(09955-03030) Lower Plate 130	
	(09956-03020) Adapter 18	
	(09956-03030) Adaptor 20	
	09950-4001 1 Puller B Set	Front axle Front suspension Front differential Rear differential
	(09951-04010) Hanger 150	

PREPARATION - SUSPENSION AND AXLE

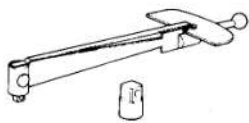
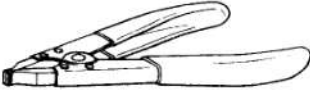
	(09951-04020) Hanger 200	Front axle
	(09952-04010) Slide Arm	Front axle Front suspension Front differential Rear differential
	(09953-04020) Center Bolt 150	Front axle Front suspension Front differential Rear differential
	(09954-04010) Arm 25	Front axle Front suspension Front differential Rear differential
	(09955-0401 1) Claw No.1	Front differential
	(09955-04031) Claw No.3	Front axle Front suspension
	(09955-04061) Claw No.6	Front differential Rear differential
	(09957-04010) Attachment	Front axle Front suspension Front differential Rear differential
	(09958-0401 1) Holder	Front axle Front suspension Front differential Rear differential
	09950-60010 Replacer Set	
	(09951-00380) Replacer 38	Front differential
	(09951-00480) Replacer 48	Front differential Rear differential
	(09951-00540) Replacer 54	Front differential

	(09951-00550) Replacer 55 (09951-00560) Replacer 56 (09951-00610) Replacer 61 (09951-00650) Replacer 65	Rear differential Rear axle Rear axle Front axle Front differential
	09950-60020 Replacer Set No.2 (09951-00710) Replacer 71 (09951-00730) Replacer 73 (09951-00790) Replacer 79 (09951-00810) Replacer 81 (09951-00890) Replacer 89 (09951-00910) Replacer 91	Rear axle Rear differential Front differential Front axle Rear axle Front axle
	09950-70010 Handle Set (09951-07150) Handle 150	Front axle Front differential Rear axle Rear suspension

PREPARATION - SUSPENSION AND AXLE

	09960-10010 Variable Pin Wrench Set	Rear differential
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RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	
	09031-00030 Pin Punch	
	09044-00010 Torx Socket E14	
	09082-00040 TOYOTA Electrical Tester	
	09905-00012 Snap Ring No.1 Expander	
	09905-00013 Snap Ring Pliers	

EQUIPMENT

Dial indicator or dial indicator with magnetic base	
Micrometer	
Torque wrench	
Drill	

LUBRICANT

Item	Capacity	Classification
Outboard joint grease Inboard joint grease	176 - 186 g (6.20 - 6.56 oz.) 255- 265 g (8.99 - 9.34 oz.)	
Front differential oil (w/o A.D.D.)	1.10 liters (1.16 US qts, 0.97 Imp.qts)	Hypoid gear oil API GL-5 Above -18 °C (0 °F): SAE 90 Below -18 °C (0 °F): SAE 80W - 90 or 80W
Front differential oil (w/ A.D.D.)	1.15 liters (1.22 US qts, 1.01 Imp.qts)	Hypoid gear oil API GL-5 75W - 90
Rear differential oil (2WD)	2.75 liters (2.91 US qts, 2.42 Imp.qts)	Hypoid gear oil API GL-5 Above -18 °C (0 °F): SAE 90 Below -18 °C (0 °F): SAE 80W - 90 or 80W
Rear differential oil (4WD, w/o Diff. lock)	2.45 liters (2.59 US qts, 2.16 Imp.qts)	Hypoid gear oil API GL-5 Above -18 °C (0 °F): SAE 90 Below -18 °C (0 °F): SAE 80W - 90 or 80W
Rear differential oil (4WD, w/ Diff. lock)	2.75 liters (2.91 US qts, 2.42 Imp.qts)	Hypoid gear oil API GL-5 Above -18 °C (0 °F): SAE 90 Below -18 °C (0 °F): SAE 80W - 90 or 80W

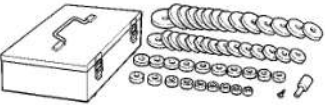
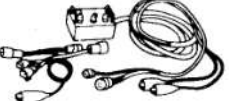
SSM (Special Service Materials)

08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIPG)	Front differential Rear differential
08833-00070	Adhesive 1324, THREE BOND 1324 or equivalent	Front differential
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	Rear differential

BRAKE

SST (Special Service Tools)

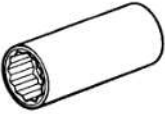
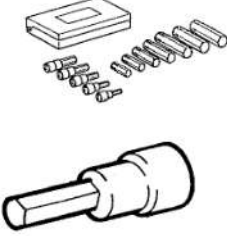
PP3GQ-01

	09023-00100	Union Nut Wrench 10 mm	
	09318-12010	Transfer Bearing Adjusting Nut Wrench	
	09630-00014	Power Steering Gear Housing Overhaul Tool Set	
	(09631-00142)	Overhaul Stand	
	09703-30010	Brake Shoe Return Spring Tool	
	09709-29018	LSPV Gauge Set	
	09718-00010	Shoe Hold Down Spring Driver	
	09843-18020	Diagnosis Check Wire	
	09950-60010	Replacer Set	
	(09951-00180)	Replacer 18	
	(09951-00190)	Replacer 19	
	09990-00150	ABS Actuator Checker and Sub-harness	

PREPARATION - BRAKE

	09990-00240 ABS Actuator Checker Sheet "G"	
	09990-00480 ABS Actuator Checker Sub-harness "S"	

RECOMMENDED TOOLS

	09017-12301 Deep Socket Wrench 30 mm .	
	09040-0001 1 Hexagon Wrench Set . (09043-20050) Socket Hexagon Wrench 5.	
	09082-00040 TOYOTA Electrical Tester.	

EQUIPMENT

Torque wrench	
Micrometer	Brake disc
Dial indicator	Brake disc
Vernier calipers	
Effort gauge	
Brake drum gauge	

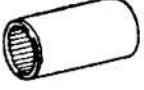
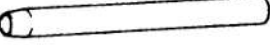
LUBRICANT

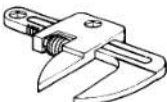
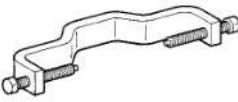
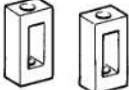
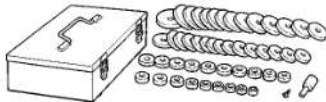
Item	Capacity	Classification
Brake fluid	-	SAE J1703 or FMVSS No. 116 DOT3

STEERING

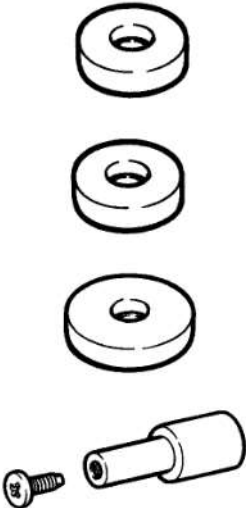
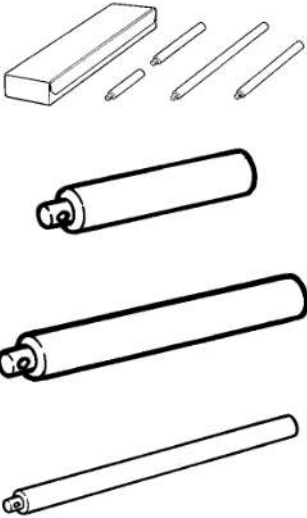
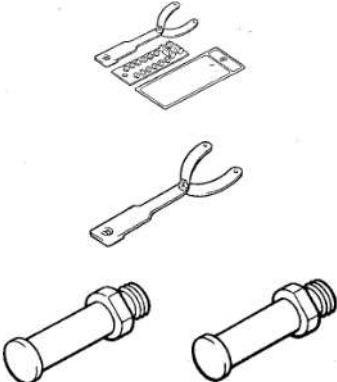
SST (Special Service Tools)

PP3GS-02

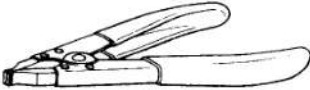
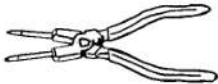
	09023-38200	Union Nut Wrench 12mm	PS gear
	09023-38400	Union Nut Wrench 14mm	PS gear
	09612-00012	Rack & Pinion Steering Rack Housing Stand	PS gear
	09616-00011	Steering Worm Bearing Adjusting Socket	PS gear
	09631-00350	Steering Rack Cover 35	PS gear
	09631-12071	Steering Rack Oil Seal Test Tool	PS gear
	09631-20060	Bearing Guide Nut Wrench	PS gear
	09631-20081	Seal Ring Tool	PS gear
	09640-10010	Power Steering Pressure Gauge Set	Power steering fluid
	(09641-01010)	Gauge Assy	
	(09641-01030)	Attachment B	
	(09641-01060)	Attachment E	

	09922-10010 Variable Open Wrench	PS gear
 	09950-4001 1 Puller B Set (09958-0401 1) Holder	Tilt steering column
    	09950-50013 Puller C Set (09951-05010) Hanger 150 (09952-05010) Slide Arm (09953-05020) Center Bolt 150 (09954-05021) Claw No 2	Non-tilt steering column Tilt steering column Non-tilt steering column Tilt steering column Non-tilt steering column Tilt steering column Non-tilt steering column Tilt steering column
    	09950-60010 Replacer Set (09951-00180) Replacer 18 (09951-00260) Replacer 26 (09951-00280) Replacer 28 (09951-00320) Replacer 32	PS gear PS gear PS gear PS gear

PREPARATION - STEERING

	(09951-00330) Replacer 33 (09951-00360) Replacer 36 (09951-00490) Replacer 49 (09952-06010) Adapter	PS vane pump PS gear PS gear PS gear PS gear
	09950-70010 Handle Set (09951-07100) Handle 100 (09951-07150) Handle 150 (09951-07360) Handle 360	PS vane pump PS gear PS gear PS gear
	09960-10010 Variable Pin Wrench Set (09962-01000) Variable Pin Wrench Arm Assy (09963-01000) Pin 10	PS vane pump PS vane pump

RECOMMENDED TOOLS

	09025-00010 Small Torque Wrench (30 kgf-cm)	PS vane pump PS gear
	09042-00010 Torx Socket T30	Non-tilt steering column Tilt steering column
 	09904-00010 Expander Set (09904-00050) No. 4 Claw	
	09905-00012 Snap Ring No.1 Expander	
	09905-00013 Snap Ring Pliers	

EQUIPMENT

Belt tension gauge	Drive belt
Caliper gauge	PS vane pump
Vernier 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	0.8 liters (0.9 US qts, 0.7 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)

PP0EK-01

	09082-00700 SRS Airbag Deployment Tool	
	09082-00760 Airbag Deployment Wire Sub-harness No.4	
	09843-18020 Diagnosis Check Wire	

RECOMMENDED TOOLS

	09042-00020 Torx Socket T40 .	
	09082-00050 TOYOTA Electrical Tester Set.	
	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)

PP000-06

	09843-18020 Diagnosis Check Wire
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RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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EQUIPMENT

Bulb (3.4 W)	Fuel sender gauge, Seat belt warning relay
Bulb (21 W)	Turn signal flasher relay
Dry cell battery	Fuel sender gauge
Masking tape	Rear window defogger wire
Syphon	Brake fluid level warning switch
Test lead	
Tin foil	Rear window defogger wire
Torque wrench	

SSM (Special Service Materials)

08888-88888	DuPont Paste No. 4817 or equivalent	Rear window defogger
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BODY

SST (Special Service Tools)

PP12U-01

	09812-00010 Door Hinge Set Bolt Wrench	
	09082-00700 SRS Airbag Deployment Tool	
	09082-00740 Airbag Deployment Wire Sub-harness No.2	

RECOMMENDED TOOLS

	09070-20010 Moulding Remover	
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EQUIPMENT

Clip remover	
Torque wrench	
Hexagon wrench (6 mm)	
Torx driver	
Hog ring pliers	
Hand riveter	
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	
Piano wire	
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)

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

AIR CONDITIONING

SST (Special Service Tools)

PP3GT-01

	07110-58060 Air Conditioner Service Tool Set	
	(07117-58060) Refrigerant Drain Service Valve	
	(07117-58070) T-Joint	
	(07117-58080) Quick Disconnect Adapter	
	(07117-58090) Quick Disconnect Adapter	
	(07117-88060) Refrigerant Charging Hose	
	(07117-88070) Refrigerant Charging Hose	
	(07117-88080) Refrigerant Charging Hose	
	07112-66040 Magnetic Clutch Remover	
	07112-76060 Magnetic Clutch Stopper	
	95994-10020 Snap Ring Pliers (DENSO Part No.)	
	07116-38360 Gas Leak Detector Assembly	

PREPARATION - AIR CONDITIONING

	09870-00025 A/C Quick Joint Puller No.2	Liquid tube
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RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09216-00021 Belt Tension Gauge .	
	09216-00030 Belt Tension Gauge Cable .	

EQUIPMENT

Voltmeter	
Ammeter	
Ohmmeter	
Test lead	
Thermometer	Thermistor
Torque wrench	
Dial indicator	Magnetic clutch
Plastic hammer	Magnetic clutch
Hexagon wrench	Expansion valve

LUBRICANT

Item	Capacity	Classification
Compressor oil	-	ND-OIL 8 or equivalent
When replacing receiver	20 cc (0.71 fl.oz.)	
When replacing condenser	40 cc (1.4 fl. oz.)	
When replacing evaporator	40 - 50 cc (1.4 - 1.7 fl. oz.)	