

MAINTENANCE EQUIPMENT

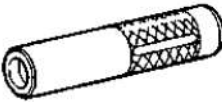
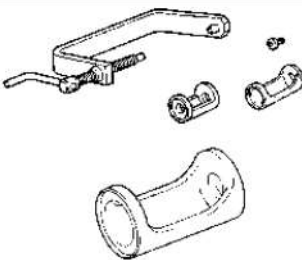
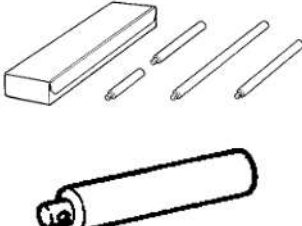
PP056-08

Mirror	Brake hose
Torque wrench	

ENGINE MECHANICAL

SST (Special Service Tools)

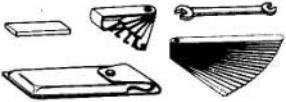
PF41A-02

	09032-00100 Oil Pan Seal Cutter	
	09201-01055 Valve Guide Bushing Remover & Replacer 5.5	
	09201-41020 Valve Stem Oil Seal Replacer	
	09202-70020 Valve Spring Compressor (09202-00020) Attachment	
	09222-30010 Connecting Rod Bushing Remover & Replacer	
	09223-15030 Oil Seal & Bearing Replacer	
	09223-22010 Crankshaft Front Oil Seal Replacer	
	09309-37010 Transmission Bearing Replacer	
	09816-30010 Oil Pressure Switch Socket	
	09950-70010 Handle Set (09951-07100) Handle 100	

PREPARATION - ENGINE MECHANICAL

	09960-10010	Variable Pin Wrench Set	
	(09962-01000)	Variable Pin Wrench Arm Assy	
	(09963-01000)	Pin 10	

RECOMMENDED TOOLS

	09090-04020 Engine Sling Device	For suspending engine
	09200-00010 Engine Adjust Kit .	
	09258-00030 Hose Plug Set .	Plug for vacuum hose, fuel hose etc.

EQUIPMENT

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

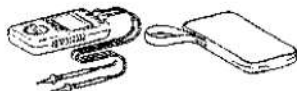
Torx is a registered trademark of Textron Inc.

SSM (Special Service Materials)

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	

EMISSION CONTROL RECOMMENDED TOOLS

PP419-02

	09082-00040 TOYOTA Electrical Tester.	
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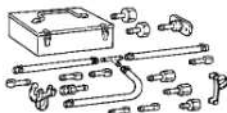
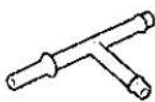
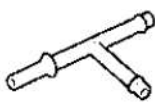
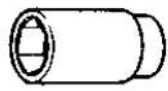
EQUIPMENT

Torque wrench	
Vacuum gauge	
Pressure gauge	
Hose clipper	

SFI

SST (Special Service Tools)

PP2ED-04

	09268-21010 Fuel Hose Puller	
	09268-41047 Injection Measuring Tool Set	
	(95336-08070) Hose	
	(09268-41250) T Joint	
	09268-45014 EFI Fuel Pressure Gauge	
	(09268-41200) Gauge	
	(09268-41220) Hose	
	(09268-41250) T Joint	
	09816-30010 Oil Pressure Switch Socket	Knock sensor for 1ZZ-GE engine
	09842-30080 EFI Inspection Wire "H"	
	09843-18020 Diagnosis Check Wire	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
	09258-00030 Hose Plug Set .	Plug for vacuum hose, fuel hose etc.

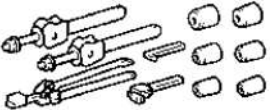
EQUIPMENT

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

COOLING

SST (Special Service Tools)

PP209-05

	09230-01010 Radiator Service Tool Set	
	09231-14010 Punch	
  	09960-10010 Variable Pin Wrench Set (09962-01000) Variable Pin Wrench Arm Assy (09963-00600) Pin 6	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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EQUIPMENT

Heater	ECT switch, Thermostat
Radiator cap tester	
Thermometer	ECT switch, Thermostat
Torque wrench	
Vernier calipers	

COOLANT

Item		Capacity	Classification
Engine coolant	1ZZ-FE:		Ethylene-glycol base
	M/T	5.7 liters (6.0 US qts, 5.0 Imp. qts)	
	A/T	5.6 liters (5.9 US qts, 4.9 Imp. qts)	
	2ZZ-GE:		
	M/T	5.9 liters (6.2 US qts, 5.2 Imp. qts)	
	A/T	5.8 liters (6.1 US qts, 5.1 Imp. qts)	

LUBRICATION

SST (Special Service Tools)

PP2DU-05

	09228-06501 Oil Filter Wrench	
	09816-30010 Oil Pressure Switch Socket	

EQUIPMENT

Oil pressure gauge	
Torque wrench	
Feeler gauge	
Straight edge	

LUBRICANT

Item	Capacity	Classification
Engine oil		
Drain and refill		
1ZZ-FE:		
w/ Oil Filter change	3.7 liters (3.9 US qts, 3.3 Imp.qts)	
w/o Oil Filter change	3.5 liters (3.7 US qts, 3.1 Imp.qts)	
2ZZ-GE:		
w/ Oil Filter change	4.4 liters (4.8 US qts, 4.0 Imp.qts)	
w/o Oil Filter change	4.2 liters (4.6 US qts, 3.8 Imp.qts)	
Dry fill		
1ZZ-FE:	4.2 liters (4.4 US qts, 3.7 Imp.qts)	
2ZZ-GE:	4.8 liters (5.1 US qts, 4.2 Imp.qts)	

API grade SL Energy-Conserving or ILSAC multigrade engine oil.

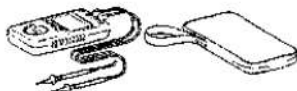
SSM (Special Service Materials)

08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	Oil pressure switch
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IGNITION

RECOMMENDED TOOLS

PP0K2-18

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

EQUIPMENT

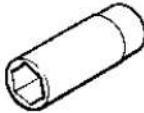
PPOK9-10

Spark plug cleaner	
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STARTING

SST (Special Service Tools)

PPOKA-12

	09286-46011	Injection Pump Spline Shaft Puller	
	09810-38140	Starter Magnet Switch Nut Wrench 14	
	09820-00031	Alternator Rear Bearing Replacer	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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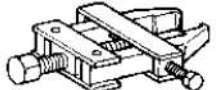
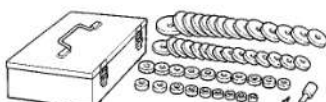
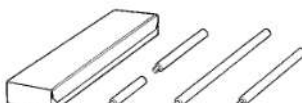
EQUIPMENT

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

CHARGING

SST (Special Service Tools)

PP20H-09

	09285-76010	Injection Pump Camshaft Bearing Cone Replacer	
	09286-46011	Injection Pump Spline Shaft Puller	
	09820-00021	Alternator Rear Bearing Puller	
	09820-00031	Alternator Rear Bearing Replacer	
	09820-63011	Alternator Pulley Set Nut Wrench Set	
	09950-60010	Replacer Set	
	(09951-00350)	Replacer 35	
	(09951-00530)	Replacer 53	
	09950-70010	Handle Set	
	(09951-07100)	Handle 100	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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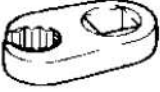
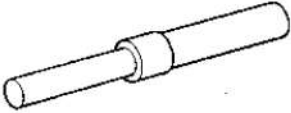
EQUIPMENT

Battery specific gravity gauge	Except maintenance free battery
Belt tension gauge	
Torque wrench	
Vernier calipers	Rotor (Slip ring), Brush

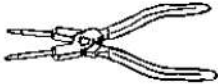
CLUTCH

SST (Special Service Tools)

PROGZ-08

	09023-00101 Union Nut Wrench 10mm	Clutch line
	09301-00210 Clutch Guide Tool	
	09333-00013 Clutch Diaphragm Spring Aligner	

RECOMMENDED TOOLS

	09031-00030 Pin Punch .	
	09082-00040 TOYOTA Electrical Tester.	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Vernier calipers	
Dial indicator	
Torque wrench	

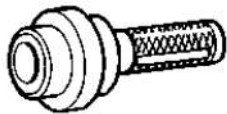
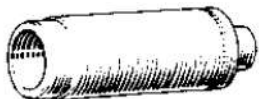
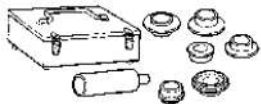
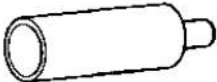
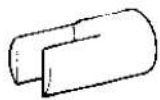
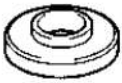
LUBRICANT

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

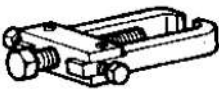
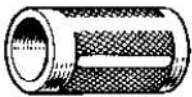
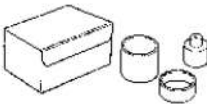
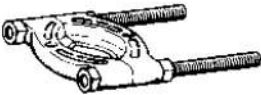
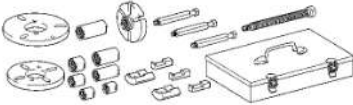
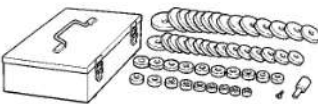
MANUAL TRANSAXLE (C56)

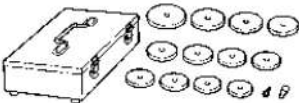
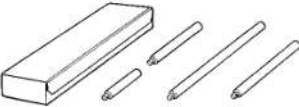
SST (Special Service Tools)

PP2EA-03

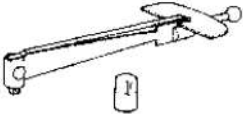
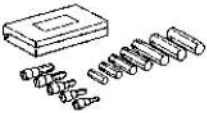
	09223-50010	Crankshaft Front oil Seal Replacer	Output shaft front bearing inner race
	09226-10010	Crankshaft Front & Rear Bearing Replacer	Transmission case oil seal
	09308-00010	Oil Seal Puller	Output shaft front bearing
	09309-12020	5th Driven Gear Replacer	
 	09316-60011	Transmission & Transfer Bearing Replacer	Differential tapered roller bearing
	(09316-00011)	Replacer Pipe	
  	09350-32014	TOYOTA Automatic Transmission Tool Set	Differential tapered roller bearing
	(09351-32120)	Overdrive Bearing Replacer	
	(09351-32140)	Oil Seal Replacer	
	09564-32011	Differential Preload Adaptor	
	09608-00071	Drive Pinion Rear Bearing Cone Replacer	Input shaft rear radial ball bearing Output shaft rear radial ball bearing
	09612-65014	Steering Worm Bearing Puller	Input shaft front bearing Differential tapered roller bearing outer race

PREPARATION - MANUAL TRANSAXLE (C56)

	09628-62011 Ball Joint Puller	5th driven gear
	09636-20010 Upper Ball Joint Dust Cover Replacer	No. 3 hub sleeve assembly
 	09710-28021 Front Suspension Bushing Tool Set (09710-08041) Bushing Replacer	Transaxle case oil seal
	09950-00020 Bearing Remover	
	09950-00030 Bearing Remover Attachment	Differential tapered roller bearing
	09950-30012 Puller A Set	No. 3 clutch hub
	09950-40011 Puller B Set	5th driven gear
    	09950-60010 Replacer Set (09951-00230) Replacer 23 (09951-00350) Replacer 35 (09951-00360) Replacer 36 (09951-00400) Replacer 40	5th driven gear Differential tapered roller bearing Input shaft front oil seal Differential tapered roller bearing Input shaft front bearing

	(09951-00560) Replacer 56	Output shaft front bearing
  	09950-60020 Replacer Set No.2 (09951-00680) Replacer 68 (09951-00710) Replacer 71	Differential tapered roller bearing outer race (Transaxle case side) Differential tapered roller bearing outer race (Transmission case side)
 	09950-70010 Handle Set (09951-07150) Handle 150	

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	Differential preload
	09031-00030 Pin Punch .	
	09040-00011 Hexagon Wrench Set .	
	09042-00010 Torx Socket T30 .	
	09090-04020 Engine Sling Device	
	09905-00012 Snap Ring No.1 Expander .	

Torx is a registered trademark of Textron Inc.

EQUIPMENT

Dial indicator with magnetic base	
Feeler gauge	
Micrometer	
Torque wrench	
Magnetic finger	
Wooden block or similar object	

LUBRICANT

Item	Capacity	Classification
Manual transaxle oil (w/ Differential oil)	1.9 liters (2.0 US qts, 1.7 Imp. qts)	API GL-4 or GL-5 SAE 75W-90

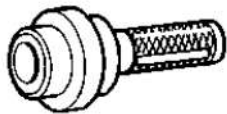
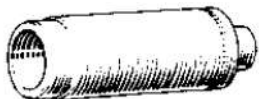
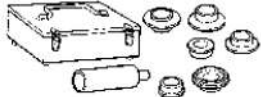
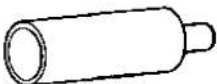
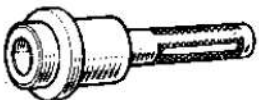
SSM (Special Service Materials)

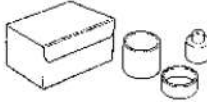
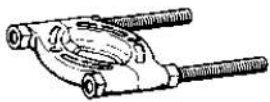
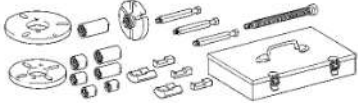
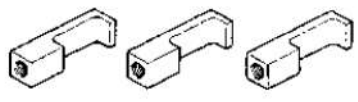
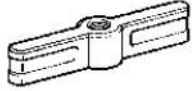
08826-00090	Seal Packing 1281, THREE BOND 1281 or equivalent (FIPG)	Transmission case x Transaxle case Transmission case x Transmission case cover
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	

MANUAL TRANSAXLE (C60)

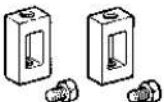
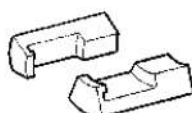
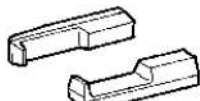
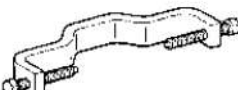
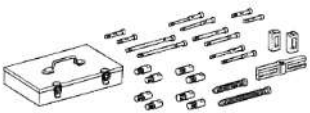
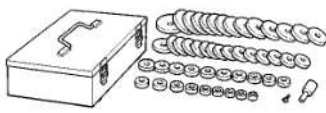
SST (Special Service Tools)

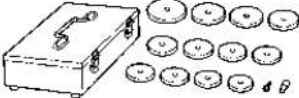
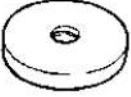
PP2E2-03

	09223-50010 Crankshaft Front oil Seal Replacer	Output shaft front bearing inner race
	09226-10010 Crankshaft Front & Rear Bearing Replacer	Transmission case oil seal
	09308-00010 Oil Seal Puller	Output shaft front bearing
 	09316-60011 Transmission & Transfer Bearing Replacer (09316-00011) Replacer Pipe	Differential tapered roller bearing
	09325-12010 Transmission Oil Plug	Input shaft rear radial ball bearing 6th driven gear
  	09350-32014 TOYOTA Automatic Transmission Tool Set (09351-32120) Overdrive Bearing Replacer (09351-32140) Oil Seal Replacer	Differential case tapered roller bearing
	09517-12010 Rear Axle Shaft Oil Seal Replacer	Output shaft rear radial ball bearing Input shaft rear radial ball bearing
	09564-32011 Differential Preload Adaptor	
	09608-00071 Drive Pinion Rear Bearing Cone Replacer	Input shaft center radial ball bearing 4th driven gear and center radial ball bearing

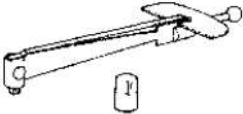
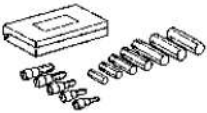
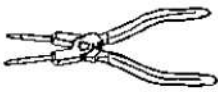
	09612-22011 Tilt Handle Bearing Replacer	No. 3 clutch hub assembly 5th driven gear
	09612-65014 Steering Worm Bearing Puller	Input shaft front bearing Differential tapered roller bearing outer race
 	09710-28021 Front Suspension Bushing Tool Set (09710-08041) Bushing Replacer	Transaxle case oil seal
	09950-00020 Bearing Remover	
	09950-00030 Bearing Remover Attachment	
    	09950-30012 Puller A Set (09951-03010) Upper Plate (09953-03010) Center Bolt (09954-03010) Arm (09955-03021) Claw No.2	
 	09950-40011 Puller B Set (09951-04010) Hanger 150	

PREPARATION - MANUAL TRANSAXLE (C60)

       	(09952-04010) Slide Arm (09953-04020) Center Bolt 150 (09953-04030) Center Bolt 200 (09954-04010) Arm 25 (09955-04021) Claw No.2 (09955-04061) Claw No.6 (09957-04010) Attachment (09958-04011) Holder	
 	09950-50013 Puller C Set (09954-05031) Claw No.3	No. 3 clutch hub assembly
  	09950-60010 Replacer Set (09951-00180) Replacer 18 (09951-00350) Replacer 35	Transmission case bushing Differential tapered roller bearing

  	(09951-00360) Replacer 36 (09951-00400) Replacer 40 (09951-00560) Replacer 56	Input shaft front oil seal Input shaft front bearing Output shaft front bearing
  	09950-60020 Replacer Set No.2 (09951-00680) Replacer 68 (09951-00710) Replacer 71	Differential tapered roller bearing outer race (Transaxle case side) Differential tapered roller bearing outer race (transmission case side)
  	09950-70010 Handle Set (09951-07100) Handle 100 (09951-07150) Handle 150	

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	Differential preload
	09031-00030 Pin Punch .	
	09040-00011 Hexagon Wrench Set .	
	09082-00040 TOYOTA Electrical Tester.	
	09090-04020 Engine Sling Device	
	09905-00012 Snap Ring No.1 Expander .	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Dial indicator with magnetic base	
Feeler gauge	
Micrometer	
Torque wrench	
Magnetic finger	
Wooden block or similar object	

LUBRICANT

Item	Capacity	Classification
Manual transaxle oil (w/ Differential oil)	2.3 liters (2.4 US qts, 2.0 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)	Transmission case x Transaxle case Transmission case x Transmission case cover
08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	

AUTOMATIC TRANSAXLE (U240E)

SST (Special Service Tools)

PP2DO-04

	09308-00010 Oil Seal Puller	Side gear shaft oil seal
	09223-00010 Cover & Seal Replacer	
   	09350-32014 TOYOTA Automatic Transmission Tool Set (09351-32010) One-way Clutch Test Tool (09351-32020) Stator Stopper (09351-32150) Oil Seal Replacer	
 	09950-70010 Handle Set (09951-07150) Handle 150	
  	09992-00095 Automatic Transmission Oil Pressure Gauge Set (09992-00231) Adaptor C (09992-00271) Gauge Assy	Line pressure Line pressure Line pressure

RECOMMENDED TOOLS

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

EQUIPMENT

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

LUBRICANT

Item	Capacity	Classification
Automatic transaxle fluid		
Dry fill	7.6 liters (8.0 US qts, 6.7 Imp.qts)	ATF Type T-IV or equivalent
Drain and refill	4.1 liters (4.3 US qts, 3.6 Imp.qts)	

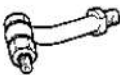
SSM (Special Service Materials)

08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	
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AUTOMATIC TRANSAXLE (U341E)

SST (Special Service Tools)

PP2E5-02

	09308-00010 Oil Seal Puller	Side gear shaft oil seal
	09223-00010 Cover & Seal Replacer	
  	09350-32014 TOYOTA Automatic Transmission Tool Set (09351-32010) One-way Clutch Test Tool (09351-32020) Stator Stopper	
  	09992-00095 Automatic Transmission Oil Pressure Gauge Set (09992-00231) Adaptor C (09992-00271) Gauge Assy	Line pressure Line pressure Line pressure

RECOMMENDED TOOLS

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

EQUIPMENT

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

LUBRICANT

Item	Capacity	Classification
Automatic transaxle fluid		
Dry fill	6.9 liters (7.3 US qts, 6.0 Imp.qts)	ATF Type T-IV
Drain and refill	2.9 liters (3.1 US qts, 2.6 Imp.qts)	

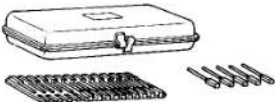
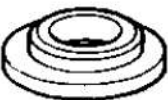
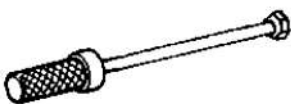
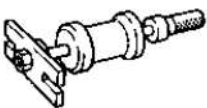
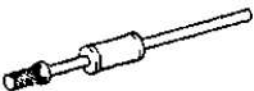
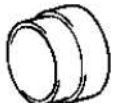
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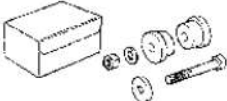
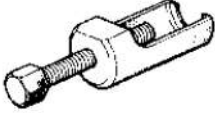
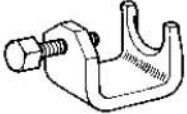
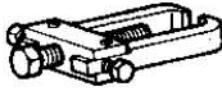
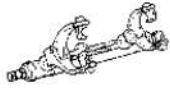
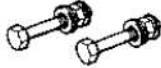
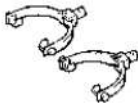
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SUSPENSION AND AXLE

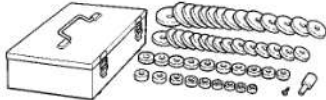
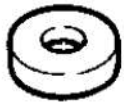
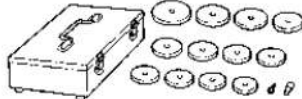
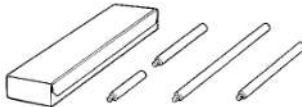
SST (Special Service Tools)

PP202-03

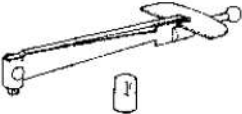
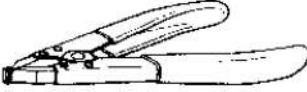
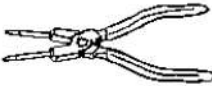
	09214-76011 Crankshaft Pulley Replacer	Rear axle
	09240-00020 Wire Gauge Set	Front drive shaft
	09506-35010 Differential Drive Pinion Rear Bearing Replacer	Front drive shaft
	09520-00031 Rear Axle Shaft Puller	Front axle Rear axle
	(09520-00040) Shocker	
	(09521-00010) Attachment	
	(09521-00020) Rod with Grip	
	09520-01010 Drive Shaft Remover Attachment	Front drive shaft
	09520-24010 Differential Side Gear Shaft Puller	Front drive shaft
	(09520-32040) Shocker Set	
	09521-24010 Drive Shaft Boot Clamping Tool	Front drive shaft
	09527-17011 Rear Axle Shaft Bearing Remover	Front axle

	09555-55010 Differential Drive Pinion Bearing Replacer	Front axle
  	09608-16042 Front Hub Bearing Adjusting Tool (09608-02021) Bolt & Nut (09608-02041) Retainer	Front drive shaft
	09608-32010 Steering Knuckle Oil Seal Replacer	Front axle
	09610-20012 Pitman Arm Puller	Front axle Front drive shaft Front suspension
	09628-10011 Ball Joint Puller	Front axle Rear axle
	09628-62011 Ball Joint Puller	Front axle Front suspension
 	09710-30021 Suspension Bushing Tool Set (09710-03141) Bushing Remover Base	Front drive shaft
  	09727-30021 Coil Spring Compressor (09727-00010) Bolt Set (09727-00021) Arm Set	Front suspension Rear suspension

PREPARATION - SUSPENSION AND AXLE

	(09727-00031) Compressor	
	09729-22031 Front Spring Upper Seat Holder	Front suspension
	09930-00010 Drive Shaft Nut Chisel	Front axle Front drive shaft
	09950-00020 Bearing Remover	Front drive shaft Rear axle
   	09950-60010 Replacer Set (09951-00380) Replacer 38 (09951-00550) Replacer 55 (09951-00650) Replacer 65	Front axle Front axle Front axle Front drive shaft
 	09950-60020 Replacer Set No.2 (09951-00730) Replacer 73	Front axle
 	09950-70010 Handle Set (09951-07150) Handle 150	Front axle Front drive shaft

RECOMMENDED TOOLS

	09025-00010 Torque Wrench (30 kgf-cm)	
	09042-00010 Torx Socket T30 .	
	09090-04020 Engine Sling Device	
	09905-00012 Snap Ring No.1 Expander .	
	09905-00013 Snap Ring Pliers .	

EQUIPMENT

Dial indicator with magnetic base	
Drill	
Torque wrench	

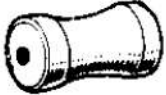
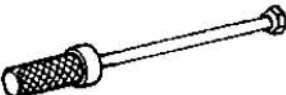
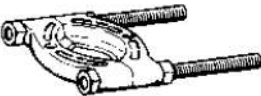
LUBRICANT

Drive shaft joint grease	Capacity	Application
1ZZ-FE (A/T):		
Outboard side Color=Yellow ocher	110 – 120 g (3.9 – 4.2 oz.)	
Inboard side Color=Yellow ocher	180 – 190 g (6.3 – 6.7 oz.)	
1ZZ-FE (M/T) and 2ZZ-GE:		
Outboard side Color=Black	115 – 135 g (4.1 – 4.8 oz.)	
Inboard side Color=Gray	100 – 120 g (3.5 – 4.2 oz.)	

BRAKE

SST (Special Service Tools)

PP3Y2-03

	09023-00101 Union Nut Wrench 10mm	
	09214-76011 Crankshaft Pulley Replacer	
	09520-00031 Rear Axle Shaft Puller	
	(09520-00040) Shocker	
	(09521-00020) Rod with Grip	
	09950-00020 Bearing Remover	
	09703-30010 Brake Shoe Return Spring Tool	
	09709-29018 LSPV Gauge Set	
	09718-00010 Shoe Hold Down Spring Driver	
	09751-36011 Brake Line Union Nut 10 x 12 mm Wrench	
	09843-18040 Diagnosis Check Wire No.2	

RECOMMENDED TOOLS

	09082-00040 TOYOTA Electrical Tester.	
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EQUIPMENT

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

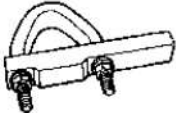
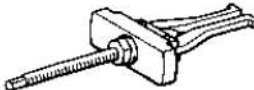
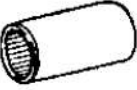
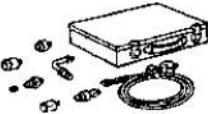
LUBRICANT

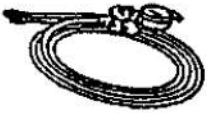
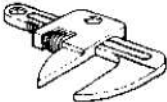
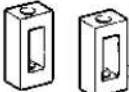
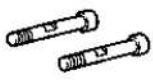
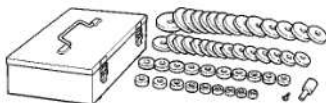
Item	Capacity	Classification
Brake fluid	-	SAE J1703 or FMVSS No. 116 DOT 3

STEERING

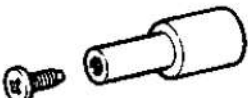
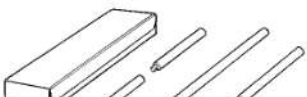
SST (Special Service Tools)

PP2EK-05

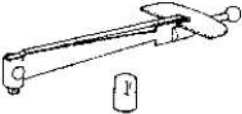
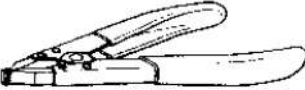
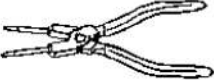
	09023-38201 Union Nut Wrench 12mm	PS gear
	09023-38401 Union Nut Wrench 14mm	PS vane pump PS gear
	09608-04031 Front Hub Inner Bearing Cone Replacer	Tilt steering column
	09612-00012 Rack & Pinion Steering Rack Housing Stand	PS gear
	09612-20010 Power Steering Oil Seal Puller	PS gear
	09612-22011 Tilt Handle Bearing Replacer	PS gear
	09616-00011 Steering Worm Bearing Adjusting Socket	PS gear
	09617-35020 Power Steering Ring Nut Wrench	PS gear
	09631-12071 Steering Rack Oil Seal Test Tool	PS gear
	09631-20051 Steering Rack Cover "C"	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
    	09950-50013 Puller C Set (09951-05010) Hanger 150 (09952-05010) Slide Arm (09953-05020) Center Bolt 150 (09954-05021) Claw No.2	Tilt steering column
   	09950-60010 Replacer Set (09951-00210) Replacer 21 (09951-00240) Replacer 24 (09951-00280) Replacer 28	PS gear PS gear PS vane pump PS gear

PREPARATION - STEERING

	(09951-00340) Replacer 34	PS gear
	(09951-00350) Replacer 35	PS gear
	(09951-00400) Replacer 40	PS gear
	(09952-06010) Adapter	PS gear
	09950-70010 Handle Set	PS vane pump PS gear
	(09951-07100) Handle 100	
	(09951-07150) Handle 150	
	(09951-07200) Handle 200	
	(09951-07360) Handle 360	

RECOMMENDED TOOLS

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

Torx is a registered trademark of Textron Inc.

EQUIPMENT

Caliper gauge	PS vane pump
Dial indicator	PS gear
Feeler gauge	PS vane pump
Micrometer	PS vane pump
Torque wrench	
Vernier Calipers	PS vane pump

LUBRICANT

Item	Capacity	Classification
Power steering fluid Total	1.0 liters (1.1 US qts, 0.9 Imp.qts)	ATF DEXRON® II or III

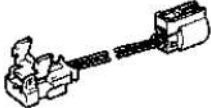
SSM (Special Service Materials)

08833-00080	Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	PS gear
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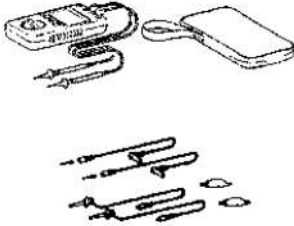
SUPPLEMENTAL RESTRAINT SYSTEM

SST (Special Service Tools)

PROMQ-11

	09082-00700 SRS Airbag Deployment Tool	
	09082-00750 Airbag Deployment Wire Sub-harness No.3	
	09082-00760 Airbag Deployment Wire Sub-harness No.4	
	09843-18020 Diagnosis Check Wire	

RECOMMENDED TOOLS

	09042-00020 Torx Socket T40 .	Airbag sensor assembly
	09082-00050 TOYOTA Electrical Tester Set.	
	09082-00040 TOYOTA Electrical Tester. (09083-00150) Test Lead Set	

Torx is a registered trademark of Textron Inc.

EQUIPMENT

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
Torque wrench	
Vinyl bag	Airbag disposal

BODY ELECTRICAL

SST (Special Service Tools)

PP0KY-07

	09843-18040 Diagnosis Check Wire No.2	
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RECOMMENDED TOOLS

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

Torx is a registered trademark of Textron Inc.

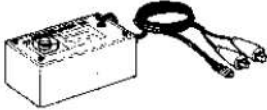
EQUIPMENT

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

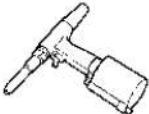
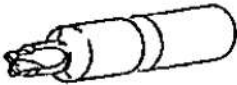
BODY

SST (Special Service Tools)

PP2DU-05

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

RECOMMENDED TOOLS

  	09050-20010 Air Riveter. (09050-02010) Dust Cap. (09050-02030) Nose Piece No.2.	
	09060-60350 Revet Cutter.	

EQUIPMENT

Clip remover	
Torque wrench	
Hog ring pliers	
Tape	To avoid surface damage
Adhesive tape	To avoid surface damage
Double – stick tape	
Adhesive	
Cleaner	
Shop rag	Regulator handle
Knife	Moulding
Heat light	Moulding
Piano wire	Windshield
Sealer gun	
Brush	
Putty spatula	
Wooden block or similar object	For tying both piano wire ends
Plastic sheet	To avoid surface damage
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: 185 mm (7.28 in.) Inner diam 360 mm (14.17 in.)	Seat belt pretensioner disposal
Vinyl bag	Seat belt pretensioner disposal

LUBRICANT

PP0MW-04

Item	Capacity	Classification
MP grease	-	-

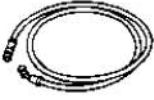
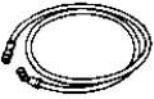
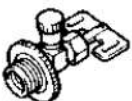
SSM (Special Service Materials)

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)

PP3FK-02

	07110-58060 Air Conditioner Service Tool Set	
	(07117-78050) Refrigerant Charging Gauge	
	(07117-88060) Refrigerant Charging Hose	Discharge (Red)
	(07117-88070) Refrigerant Charging Hose	Suction (Blue)
	(07117-88080) Refrigerant Charging Hose	Utility (Green)
	(07117-58060) Refrigerant Drain Service Valve	
	(07117-58080) Quick Disconnect Adapter	Discharge (diam. 16 mm)
	(07117-58090) Quick Disconnect Adapter	Suction (diam. 13 mm)
	(07117-58070) T-Joint	
	07116-38360 Gas Leak Detector Assembly	
	07112-76060 Magnetic Clutch Stopper	
	07112-66040 Magnetic Clutch Remover	

	95994-10020 Snap Ring Pliers (DENSO Part No.)	
	09870-00015 A/C Quick Joint Puller No.1	Suction tube
	09870-00025 A/C Quick Joint Puller No.2	Liquid tube

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, ECT switch
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.)	
When replacing compressor	120 cc (4.1 fl.oz.)	