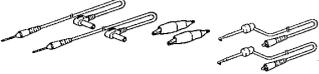


ENGINE CONTROL SYSTEM

PREPARATION

023FY-01

Recommended Tools

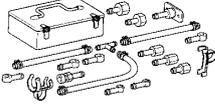
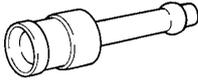
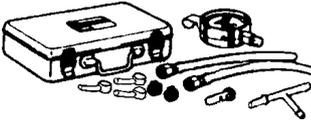
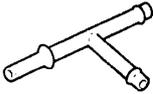
	09070-20010 Moulding Remover	ECM(1NZ-FXE)
	09082-00040 TOYOTA Electrical Tester	SFI SYSTEM(1NZ-FXE)
	(09083-00150) Test Lead Set	SFI SYSTEM(1NZ-FXE) ENGINE COOLANT TEMPERATURE SENSOR(1NZ-FXE)

Equipment

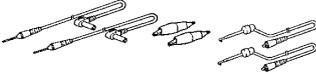
Deep socket wrench 19 mm	
Ohmmeter	
Radiator cap tester	
Service wire harness	
Torque wrench	

FUEL PREPARATION SST

023FX-01

	09268-41047	Injection Measuring Tool Set	FUEL SYSTEM(1NZ-FXE)
	(09268-41110)	Adaptor	FUEL SYSTEM(1NZ-FXE)
	(09268-41300)	Clamp	FUEL SYSTEM(1NZ-FXE)
	(95336-08070)	Hose	FUEL SYSTEM(1NZ-FXE)
	09268-45014	EFI Fuel Pressure Gauge	FUEL SYSTEM(1NZ-FXE)
	(09268-41200)	Gauge	FUEL SYSTEM(1NZ-FXE)
	(09268-41220)	Hose	FUEL SYSTEM(1NZ-FXE)
	(09268-41250)	T Joint	FUEL SYSTEM(1NZ-FXE)
	09842-30080	Wire "H" EFI Inspection	FUEL SYSTEM(1NZ-FXE)

Recommended Tools

	09082-00040	TOYOTA Electrical Tester	FUEL SYSTEM(1NZ-FXE)
	(09083-00150)	Test Lead Set	FUEL SYSTEM(1NZ-FXE)

Equipment

Clip	
Cutter knife	

PREPARATION - FUEL

Graduated cylinder	
Ohmmeter	
Plastic-faced hammer	
Service wire harness	
Stop watch	
Torque wrench	
Vernier calipers	
Vinyl bag	
Voltmeter	
Wire brush	
Wooden block	

SSM

08826-00080 Seal Packing Black or equivalent (FIG)	FUEL INJECTOR ASSY(1NZ-FXE)
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EMISSION CONTROL

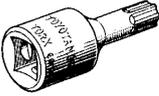
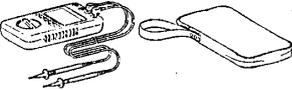
PREPARATION

023EY-01

SST

	09224-00010 O2 Sensor Wrench	AIR-FUEL RATIO SENSOR (1NZ-FXE) HEATED OXYGEN SENSOR (1NZ-FXE)
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Recommended Tools

	09042-00010 Torx Socket T30	AIR-FUEL RATIO SENSOR (1NZ-FXE)
	09082-00040 TOYOTA Electrical Tester	AIR-FUEL RATIO SENSOR (1NZ-FXE) EMISSION CONTROL SYSTEM (1NZ-FXE)
	(09083-00150) Test Lead Set	AIR-FUEL RATIO SENSOR (1NZ-FXE) EMISSION CONTROL SYSTEM (1NZ-FXE)

Equipment

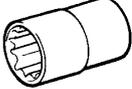
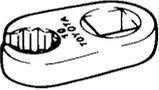
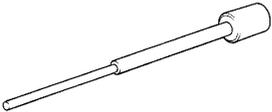
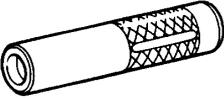
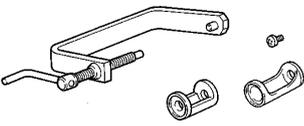
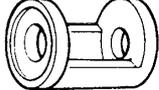
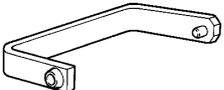
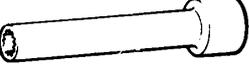
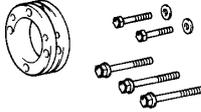
Hand-held vacuum pump	
Hose	
Ohmmeter	
Service wire harness	
Torque wrench	
Vernier calipers	
Voltmeter	

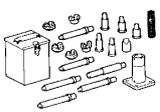
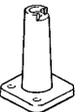
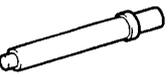
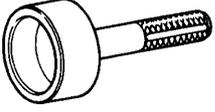
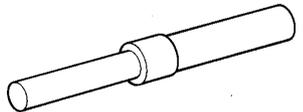
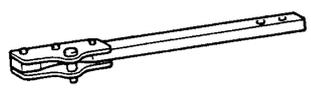
ENGINE MECHANICAL

PREPARATION

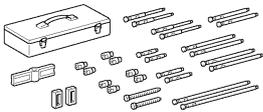
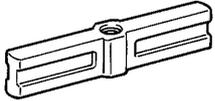
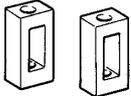
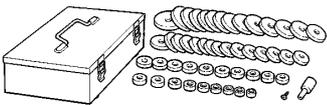
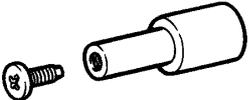
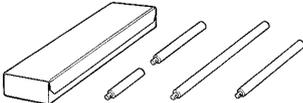
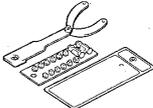
023GG-01

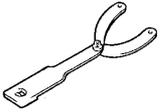
SST

	09011-38121	12 mm Socket Wrench for 12 Pointed Head	CYLINDER BLOCK ASSY(1NZ-FXE)
	09023-38400	Union Nut Wrench 14mm	PARTIAL ENGINE ASSY(1NZ-FXE) CAMSHAFT(1NZ-FXE) VALVE CLEARANCE(1NZ-FXE)
	09032-00100	Oil Pan Seal Cutter	PARTIAL ENGINE ASSY(1NZ-FXE)
	09201-10000	Valve Guide Bushing Remover & Replacer Set	CYLINDER HEAD ASSY(1NZ-FXE)
	(09201-01050)	Valve Guide Bushing Remover & Replacer 5	CYLINDER HEAD ASSY(1NZ-FXE)
	09201-41020	Valve Stem Oil Seal Replacer	CYLINDER HEAD ASSY(1NZ-FXE)
	09202-70020	Valve Spring Compressor	CYLINDER HEAD ASSY(1NZ-FXE)
	(09202-00010)	Attachment	CYLINDER HEAD ASSY(1NZ-FXE)
	(09202-01010)	Arm	CYLINDER HEAD ASSY(1NZ-FXE)
	(09202-01020)	Set Bolt	CYLINDER HEAD ASSY(1NZ-FXE)
	09205-16010	Cylinder Head Bolt Wrench	CYLINDER BLOCK ASSY(1NZ-FXE)
	09213-58013	Crankshaft Pulley Holding Tool	OIL PUMP SEAL(1NZ-FXE) ENGINE REAR OIL SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)

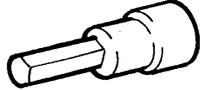
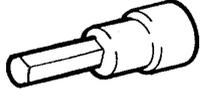
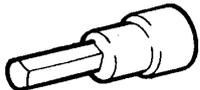
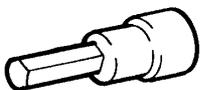
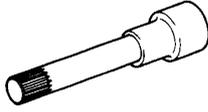
	(91111-50845) Bolt	OIL PUMP SEAL(1NZ-FXE) ENGINE REAR OIL SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	09221-25026 Piston Pin Remover & Replacer	CYLINDER BLOCK ASSY(1NZ-FXE)
	(09221-00021) Body	CYLINDER BLOCK ASSY(1NZ-FXE)
	(09221-00030) Spring	CYLINDER BLOCK ASSY(1NZ-FXE)
	(09221-00061) Bushing "C"	CYLINDER BLOCK ASSY(1NZ-FXE)
	(09221-00090) Guide "C"	CYLINDER BLOCK ASSY(1NZ-FXE)
	(09221-00100) Guide "D"	CYLINDER BLOCK ASSY(1NZ-FXE)
	09223-22010 Crankshaft Front Oil Seal Replacer	OIL PUMP SEAL(1NZ-FXE)
	09223-56010 Crankshaft Rear Oil Seal Replacer	ENGINE REAR OIL SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	09228-06501 Oil Filter Wrench	PARTIAL ENGINE ASSY(1NZ-FXE)
	09301-00210 Clutch Guide Tool	ENGINE REAR OIL SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	09330-00021 Companion Flange Holding Tool	OIL PUMP SEAL(1NZ-FXE) ENGINE REAR OIL SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	09843-18030 Tacho-pulse Pickup Wire No.2	ENGINE(1NZ-FXE)

PREPARATION - ENGINE MECHANICAL

	09843-18040	Diagnosis Check Wire No.2	ENGINE(1NZ-FXE)
	09950-50013	Puller C Set	OIL PUMP SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	(09951-05010)	Hanger 150	OIL PUMP SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	(09952-05010)	Slide Arm	OIL PUMP SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	(09953-05020)	Center Bolt 150	OIL PUMP SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	(09954-05021)	Claw No.2	OIL PUMP SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	09950-60010	Replacer Set	PARTIAL ENGINE ASSY(1NZ-FXE) CHAIN SUB-ASSY(1NZ-FXE)
	(09951-00250)	Replacer 25	PARTIAL ENGINE ASSY(1NZ-FXE) CHAIN SUB-ASSY(1NZ-FXE)
	(09951-00380)	Replacer 38	PARTIAL ENGINE ASSY(1NZ-FXE) CHAIN SUB-ASSY(1NZ-FXE)
	(09952-06010)	Adapter	PARTIAL ENGINE ASSY(1NZ-FXE) CHAIN SUB-ASSY(1NZ-FXE)
	09950-70010	Handle Set	CYLINDER HEAD ASSY(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE) CHAIN SUB-ASSY(1NZ-FXE)
	(09951-07100)	Handle 100	CYLINDER HEAD ASSY(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE) CHAIN SUB-ASSY(1NZ-FXE)
	09960-10010	Variable Pin Wrench Set	PARTIAL ENGINE ASSY(1NZ-FXE)

	(09962-01000) Variable Pin Wrench Arm Assy	PARTIAL ENGINE ASSY(1NZ-FXE)
	(09963-00600) Pin 6	PARTIAL ENGINE ASSY(1NZ-FXE)
	(09963-01000) Pin 10	PARTIAL ENGINE ASSY(1NZ-FXE)

Recommended Tools

	(09043-20060) Socket Hexagon Wrench 6	PARTIAL ENGINE ASSY(1NZ-FXE) CAMSHAFT(1NZ-FXE)
	(09043-20080) Socket Hexagon Wrench 8	CYLINDER HEAD ASSY(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE) CAMSHAFT(1NZ-FXE) VALVE CLEARANCE(1NZ-FXE)
	(09043-20100) Socket Hexagon Wrench 10	CYLINDER HEAD ASSY(1NZ-FXE)
	(09043-20120) Socket Hexagon Wrench 12	PARTIAL ENGINE ASSY(1NZ-FXE)
	09043-50080 Bi-hexagon Wrench 8 mm	CYLINDER HEAD GASKET(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE)
	09090-04020 Engine Sling Device	PARTIAL ENGINE ASSY(1NZ-FXE)

SSM

	08826-00080 Seal Packing Black or equivalent (FIPG)	PARTIAL ENGINE ASSY(1NZ-FXE) CHAIN SUB-ASSY(1NZ-FXE) CAMSHAFT(1NZ-FXE) VALVE CLEARANCE(1NZ-FXE)
	08826-00100 "Seal Packing 1282B," THREE BOND 1282B or equivalent (FIPG)	PARTIAL ENGINE ASSY(1NZ-FXE) CHAIN SUB-ASSY(1NZ-FXE)
	08833-00070 "Adhesive 1324," THREE BOND 1324 or equivalent	ENGINE REAR OIL SEAL(1NZ-FXE) PARTIAL ENGINE ASSY(1NZ-FXE) CAMSHAFT(1NZ-FXE) VALVE CLEARANCE(1NZ-FXE)

Equipment

Alignment tester	
Angle gauge	
Bar (width 2 – 3 mm)	
Belt tension gauge	
Caliper gauge	
Chain Block	
CO/HC meter	
Compression gauge	
Connecting rod aligner	
Cylinder gauge	
Dial indicator with magnetic base	
Feeler gauge	
Heater	
Micrometer	
OBD II scan tool	
Piston ring compressor	
Piston ring expander	
Plastic Hammer	
Plastigage	
Precision straight edge	
Radiator cap tester	
Reamer	
Slide calipers	
Spring tension gauge	
Spring tester	
Steel square	
Sundpaper (#400)	
Tachometer	
Timing light	
Tire pressure gauge	
Toe-in gauge	
Torque wrench	
Universal engine lifter	
Valve seat cutter	
V-block	
Vernier calipers	
Wooden block	

EXHAUST PREPARATION

SST

023DL-01

	09224-00010 O2 Sensor Wrench	EXHAUST PIPE ASSY(1NZ-FXE)
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Equipment

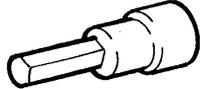
Plastic-faced hammer	
Torque wrench	
Vernier calipers	
Wooden block	

COOLING PREPARATION SST

023GH-01

	09817-33190	Sensor Socket Wrench	NO.2 RADIATOR ASSY(1NZ-FXE)
	09960-10010	Variable Pin Wrench Set	WATER PUMP ASSY(1NZ-FXE)
	(09962-01000)	Variable Pin Wrench Arm Assy	WATER PUMP ASSY(1NZ-FXE)
	(09963-00600)	Pin 6	WATER PUMP ASSY(1NZ-FXE)

Recommended Tools

	(09043-20060)	Socket Hexagon Wrench 6	FAN(1NZ-FXE) ENGINE COOLANT(1NZ-FXE)
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Equipment

Belt tension gauge	
Ohmmeter	
Heater	
Radiator cap tester	
Slide calipers	
Thermometer	
Torque wrench	
Wooden block	

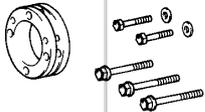
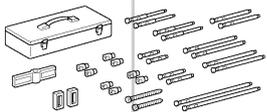
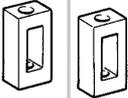
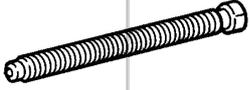
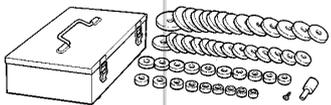
Coolant

Item	Capacity	Classification
Engine coolant	8.6 liters (9.1 US qts, 7.6 Imp. qts)	"Toyota Super Long Life Coolant" or similar high quality ethylene glycol based non-silicate, non-amine, non-nitrite, and non-borate coolant with long-life hybrid organic acid technology

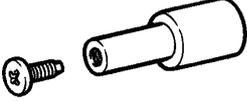
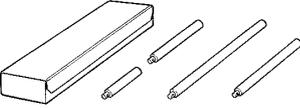
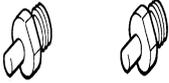
LUBRICATION PREPARATION

SST

023GI-01

	09213-58013	Crankshaft Pulley Holding Tool	OIL PUMP ASSY(1NZ-FXE)
	(91111-50845)	Bolt	OIL PUMP ASSY(1NZ-FXE)
	09228-06501	Oil Filter Wrench	OIL FILTER SUB-ASSY(1NZ-FXE)
	09330-00021	Companion Flange Holding Tool	OIL PUMP ASSY(1NZ-FXE)
	09950-50013	Puller C Set	OIL PUMP ASSY(1NZ-FXE)
	(09951-05010)	Hanger 150	OIL PUMP ASSY(1NZ-FXE)
	(09952-05010)	Slide Arm	OIL PUMP ASSY(1NZ-FXE)
	(09953-05020)	Center Bolt 150	OIL PUMP ASSY(1NZ-FXE)
	(09954-05021)	Claw No.2	OIL PUMP ASSY(1NZ-FXE)
	09950-60010	Replacer Set	OIL PUMP ASSY(1NZ-FXE)
	(09951-00250)	Replacer 25	OIL PUMP ASSY(1NZ-FXE)
	(09951-00380)	Replacer 38	OIL PUMP ASSY(1NZ-FXE)

PREPARATION - LUBRICATION

	(09952-06010) Adapter	OIL PUMP ASSY(1NZ-FXE)
	09950-70010 Handle Set	OIL PUMP ASSY(1NZ-FXE)
	(09951-07100) Handle 100	OIL PUMP ASSY(1NZ-FXE)
	09960-10010 Variable Pin Wrench Set	OIL PUMP ASSY(1NZ-FXE)
	(09962-01000) Variable Pin Wrench Arm Assy	OIL PUMP ASSY(1NZ-FXE)
	(09963-00600) Pin 6	OIL PUMP ASSY(1NZ-FXE)

SSM

	08826-00080 Seal Packing Black or equivalent (FIPG)	OIL PUMP ASSY(1NZ-FXE)
	08826-00100 "Seal Packing 1282B," THREE BOND 1282B or equivalent (FIPG)	OIL PUMP ASSY(1NZ-FXE)

Equipment

Belt tension gauge	
Feeler gauge	
Precision straight edge	
Radiator cap tester	
Torque wrench	
Wooden block	

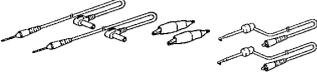
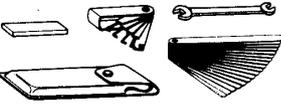
Lubricant

Item	Capacity	Classification
Oil grade	-	API grade SL, Energy-Conserving or ILSAC, multi-grade engine oil
Drain and refill w/ oil filter change w/o oil filter change	3.7 liters (3.9 US qts, 3.3 Imp. qts) 3.4 liters (3.6 US qts, 3.0 Imp. qts)	-
Dry fill	4.1 liters (4.3 US qts, 3.6 Imp. qts)	-

IGNITION PREPARATION

023FW-01

Recommended Tools

	09042-00010 Torx Socket T30	CAMSHAFT POSITION SENSOR (1NZ-FXE)
	09082-00040 TOYOTA Electrical Tester	IGNITION SYSTEM(1NZ-FXE) CAMSHAFT POSITION SENSOR (1NZ-FXE)
	(09083-00150) Test Lead Set	IGNITION SYSTEM(1NZ-FXE) CAMSHAFT POSITION SENSOR (1NZ-FXE)
	09200-00010 Engine Adjust Kit	IGNITION SYSTEM(1NZ-FXE)
	(09857-00031) Spark Plug Gap Gauge	IGNITION SYSTEM(1NZ-FXE)

Equipment

Ohmmeter	
Spark plug cleaner	
Stop watch	
Torque wrench	
Voltmeter	

STARTING & CHARGING

PREPARATION

023DJ-01

Equipment

Torque wrench	
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HYBRID CONTROL SYSTEM

PREPARATION

023C7-01

Recommended Tools

	09042-00010 Torx Socket T30	W/CONVERTER INVERTER ASSY
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Equipment

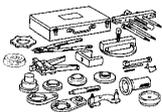
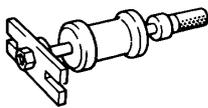
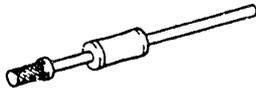
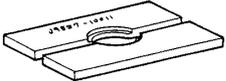
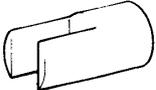
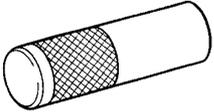
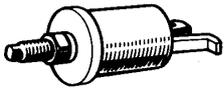
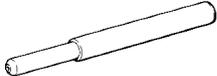
Stopwatch	
Ohmmeter	
Radiator cap tester	
Thermometer	
Torque wrench	
Voltmeter	

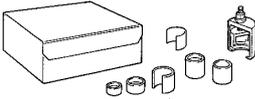
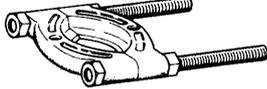
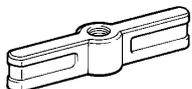
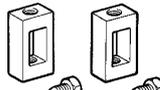
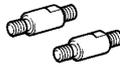
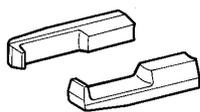
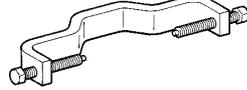
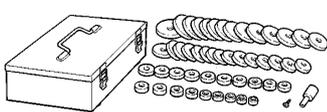
HYBRID TRANSAXLE

PREPARATION

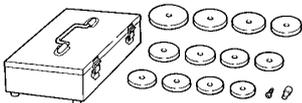
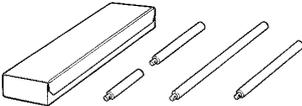
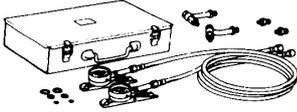
023DY-01

SST

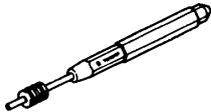
	09308-00010	Oil Seal Puller	HYBRID VEHICLE TRANSAXLE ASSY HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL
	09350-32014	TOYOTA Automatic Transmission Tool Set	HYBRID VEHICLE TRANSAXLE ASSY HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL
	(09351-32130)	Handle	HYBRID VEHICLE TRANSAXLE ASSY HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL
	(09351-32150)	Oil Seal Replacer	HYBRID VEHICLE TRANSAXLE ASSY HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL
	09520-01010	Drive Shaft Remover Attachment	HYBRID VEHICLE TRANSAXLE ASSY HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL
	09520-24010	Differential Side Gear Shaft Puller	HYBRID VEHICLE TRANSAXLE ASSY HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL
	(09520-32040)	Shocker Set	HYBRID VEHICLE TRANSAXLE ASSY HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL
	09527-10011	Rear Axle Shaft Bearing Remover	DIFFERENTIAL DRIVE PINION
	09564-32011	Differential Preload Adaptor	HYBRID VEHICLE TRANSAXLE ASSY
	09608-06041	Front Hub Inner Bearing Cone Replacer	DIFFERENTIAL DRIVE PINION
	09612-30012	Steering Worm Bearing Puller	HYBRID VEHICLE TRANSAXLE ASSY
	09670-00010	Front Crossmember Guide Tool	HYBRID VEHICLE TRANSAXLE ASSY

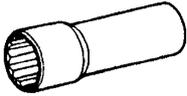
	09710-22021	Front Suspension Bushing Tool Set	DIFFERENTIAL CASE ASSY
	(09710-01031)	Upper Arm Bushing Replacer	DIFFERENTIAL CASE ASSY
	09950-00020	Bearing Remover	SPROCKET DRIVEN & COUNTER DRIVE GEAR DIFFERENTIAL DRIVE PINION
	09950-40011	Puller B Set	DIFFERENTIAL CASE ASSY
	(09951-04010)	Hanger 150	DIFFERENTIAL CASE ASSY
	(09952-04010)	Slide Arm	DIFFERENTIAL CASE ASSY
	(09953-04020)	Center Bolt 150	DIFFERENTIAL CASE ASSY
	(09954-04010)	Arm 25	DIFFERENTIAL CASE ASSY
	(09955-04061)	Claw No.6	DIFFERENTIAL CASE ASSY
	(09958-04010)	Holder (J)	DIFFERENTIAL CASE ASSY
	09950-60010	Replacer Set	SPROCKET DRIVEN & COUNTER DRIVE GEAR DIFFERENTIAL DRIVE PINION DIFFERENTIAL CASE ASSY
	(09951-00330)	Replacer 33	SPROCKET DRIVEN & COUNTER DRIVE GEAR
	(09951-00360)	Replacer 36	DIFFERENTIAL DRIVE PINION

PREPARATION – HYBRID TRANSAXLE

	(09951-00370) Replacer 37	DIFFERENTIAL DRIVE PINION DIFFERENTIAL CASE ASSY
	(09951-00460) Replacer 46	SPROCKET DRIVEN & COUNTER DRIVE GEAR
	09950-60020 Replacer Set No.2	HYBRID VEHICLE TRANSAXLE ASSY
	(09951-00680) Replacer 68	HYBRID VEHICLE TRANSAXLE ASSY
	09950-70010 Handle Set	HYBRID VEHICLE TRANSAXLE ASSY HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL SPROCKET DRIVEN & COUNTER DRIVE GEAR DIFFERENTIAL DRIVE PINION DIFFERENTIAL CASE ASSY
	(09951-07100) Handle 100	HYBRID VEHICLE TRANSAXLE ASSY SPROCKET DRIVEN & COUNTER DRIVE GEAR DIFFERENTIAL DRIVE PINION DIFFERENTIAL CASE ASSY
	(09951-07200) Handle 200	HYBRID VEHICLE TRANSAXLE ASSY TYPE T OIL SEAL
	09992-00095 Automatic Transmission Oil Pressure Gauge Set	HYBRID TRANSAXLE SYSTEM
	(09992-00112) Adaptor A	HYBRID TRANSAXLE SYSTEM
	(09992-00271) Gauge Assy	HYBRID TRANSAXLE SYSTEM

Recommended Tools

	09031-00040 Pin Punch .	DIFFERENTIAL CASE ASSY
	09090-04020 Engine Sling Device	HYBRID VEHICLE TRANSAXLE ASSY

	09924-12411 Deep Socket Wrench 41	DIFFERENTIAL DRIVE PINION
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SSM

	08833-00080 Adhesive 1344 THREE BOND 1344 LOCTITE 242 or equivalent	HYBRID VEHICLE TRANSAXLE ASSY
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Equipment

Straight edge	Torque converter
Vernier calipers	Torque converter
Dial indicator or dial indicator with magnetic base	Drive plate
Punch	
Torque wrench	

Lubricant

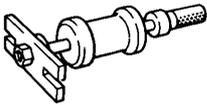
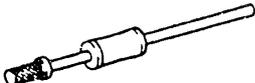
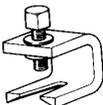
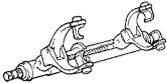
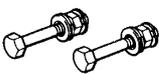
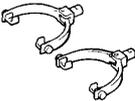
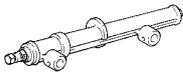
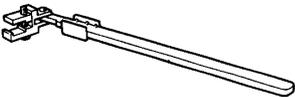
Hybrid transaxle oil	3.8 liter (4.0 US qts, 3.3 Imp.qts)	ATF WS
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FRONT SUSPENSION

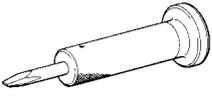
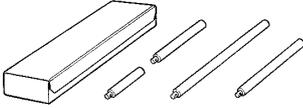
PREPARATION

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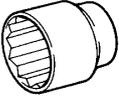
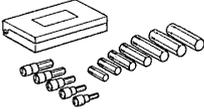
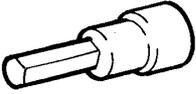
SST

	09520-01010	Drive Shaft Remover Attachment	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH
	09520-24010	Differential Side Gear Shaft Puller	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH
	(09520-32040)	Shocker Set	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH
	09608-32010	Steering Knuckle Oil Seal Replacer	LOWER BALL JOINT ASSY FRONT LH
	09611-36020	Tie Rod End Puller	LOWER BALL JOINT ASSY FRONT LH
	09628-00011	Ball Joint Puller	LOWER BALL JOINT ASSY FRONT LH FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH STABILIZER BAR FRONT
	09628-62011	Ball Joint Puller	LOWER BALL JOINT ASSY FRONT LH STABILIZER BAR FRONT
	09727-30021	Coil Spring Compressor	FRONT SHOCK ABSORBER WITH COIL SPRING
	(09727-00010)	Bolt Set	FRONT SHOCK ABSORBER WITH COIL SPRING
	(09727-00021)	Arm Set	FRONT SHOCK ABSORBER WITH COIL SPRING
	(09727-00031)	Compressor	FRONT SHOCK ABSORBER WITH COIL SPRING
	09729-22031	Front Spring Upper Seat Holder	FRONT SHOCK ABSORBER WITH COIL SPRING

PREPARATION - FRONT SUSPENSION

	09930-00010 Drive Shaft Nut Chisel	LOWER BALL JOINT ASSY FRONT LH FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH
	09950-70010 Handle Set	LOWER BALL JOINT ASSY FRONT LH
	(09951-07150) Handle 150	LOWER BALL JOINT ASSY FRONT LH

Recommended Tools

	09011-12301 Socket Wrench 30 mm	LOWER BALL JOINT ASSY FRONT LH FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH
	09040-00011 Hexagon Wrench Set	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH FRONT SHOCK ABSORBER WITH COIL SPRING STABILIZER BAR FRONT
	(09043-20060) Socket Hexagon Wrench 6	FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH FRONT SHOCK ABSORBER WITH COIL SPRING STABILIZER BAR FRONT

Equipment

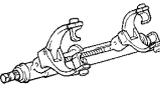
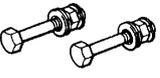
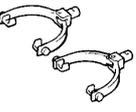
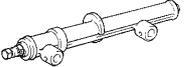
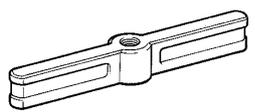
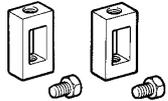
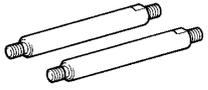
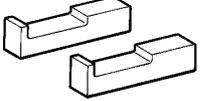
Torque wrench	
Dial indicator with magnetic base	
Drill (Safety equipment: protective goggles, etc.)	Shock absorber disposal
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Camber-caster-kingpin gauge	
Angle gauge	
Slide Calipers	

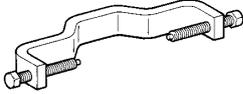
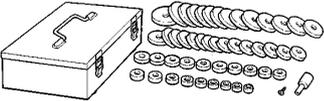
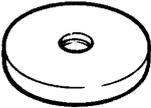
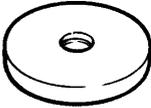
REAR SUSPENSION

PREPARATION

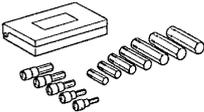
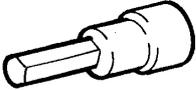
023HJ-01

SST

	09023-00100	Union Nut Wrench 10 mm	REAR AXLE BEAM ASSY
	09710-04101	Base	REAR AXLE BEAM ASSY
	09727-30021	Coil Spring Compressor	REAR SHOCK ABSORBER WITH COIL SPRING
	(09727-00010)	Bolt Set	REAR SHOCK ABSORBER WITH COIL SPRING
	(09727-00021)	Arm Set	REAR SHOCK ABSORBER WITH COIL SPRING
	(09727-00031)	Compressor	REAR SHOCK ABSORBER WITH COIL SPRING
	09950-40011	Puller B Set	REAR AXLE BEAM ASSY
	(09951-04020)	Hanger 200	REAR AXLE BEAM ASSY
	(09952-04010)	Slide Arm	REAR AXLE BEAM ASSY
	(09953-04030)	Center Bolt 200	REAR AXLE BEAM ASSY
	(09954-04020)	Arm 100	REAR AXLE BEAM ASSY
	(09955-04051)	Claw No.5	REAR AXLE BEAM ASSY

	(09957-04010) Attachment	REAR AXLE BEAM ASSY
	(09958-04011) Holder	REAR AXLE BEAM ASSY
	09950-60010 Replacer Set	REAR AXLE BEAM ASSY
	(09951-00620) Replacer 62	REAR AXLE BEAM ASSY
	(09951-00630) Replacer 63	REAR AXLE BEAM ASSY

Recommended Tools

	09040-00011 Hexagon Wrench Set	REAR SHOCK ABSORBER WITH COIL SPRING
	(09043-20060) Socket Hexagon Wrench 6	REAR SHOCK ABSORBER WITH COIL SPRING

Equipment

Torque wrench	
Dial indicator with magnetic base	
Wheel balancer	
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Camber-caster-kingpin gauge	
Drill (Safety equipment: protective goggles, etc.)	Shock absorber disposal

TIRE & WHEEL PREPARATION

0238N-01

Equipment

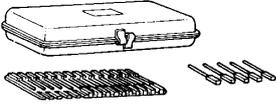
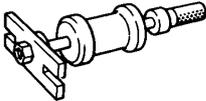
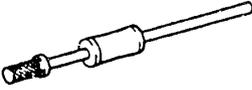
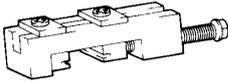
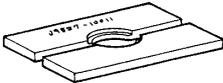
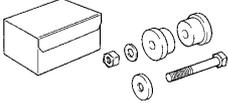
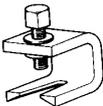
Tire pressure gauge	
Dial indicator with magnetic base	
Wheel balancer	

DRIVE SHAFT / PROPELLER SHAFT

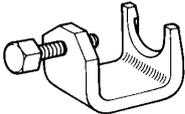
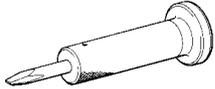
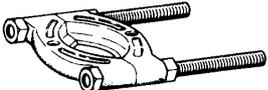
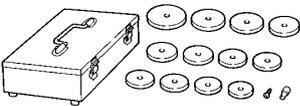
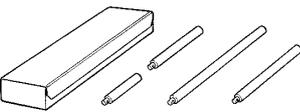
PREPARATION

023EU-01

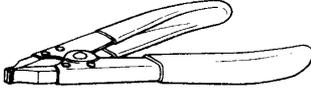
SST

	09240-00020	Wire Gauge Set	FRONT DRIVE SHAFT
	09520-01010	Drive Shaft Remover Attachment	FRONT DRIVE SHAFT
	09520-24010	Differential Side Gear Shaft Puller	FRONT DRIVE SHAFT
	(09520-32040)	Shocker Set	FRONT DRIVE SHAFT
	09521-24010	Rear Axle Shaft Puller	FRONT DRIVE SHAFT
	09527-10011	Rear Axle Shaft Bearing Remover	FRONT DRIVE SHAFT
	09608-16042	Front Hub Bearing Adjusting Tool	FRONT DRIVE SHAFT
	(09608-02021)	Bolt & Nut	FRONT DRIVE SHAFT
	(09608-02041)	Retainer	FRONT DRIVE SHAFT
	09608-32010	Steering Knuckle Oil Seal Replacer	FRONT AXLE HUB SUB-ASSY LH
	09611-36020	Tie Rod End Puller	FRONT AXLE HUB SUB-ASSY LH
	09628-00011	Ball Joint Puller	FRONT DRIVE SHAFT FRONT AXLE HUB SUB-ASSY LH

PREPARATION – DRIVE SHAFT / PROPELLER SHAFT

	09628-10011	Ball Joint Puller	REAR AXLE LH HUB BOLT FRONT AXLE LH HUB BOLT
	09628-62011	Ball Joint Puller	FRONT AXLE HUB SUB-ASSY LH
	09930-00010	Drive Shaft Nut Chisel	FRONT DRIVE SHAFT FRONT AXLE HUB SUB-ASSY LH
	09950-00020	Bearing Remover	FRONT DRIVE SHAFT
	09950-60020	Replacer Set No.2	FRONT AXLE HUB SUB-ASSY LH
	(09951-00720)	Replacer 72	FRONT AXLE HUB SUB-ASSY LH
	09950-70010	Handle Set	FRONT AXLE HUB SUB-ASSY LH
	(09951-07150)	Handle 150	FRONT AXLE HUB SUB-ASSY LH

Recommended Tools

	09011-12301	Socket Wrench 30 mm	FRONT DRIVE SHAFT FRONT AXLE HUB SUB-ASSY LH
	09905-00012	Snap Ring No.1 Expander	FRONT DRIVE SHAFT

Equipment

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

Lubricant

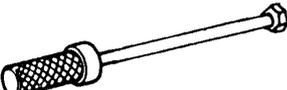
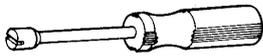
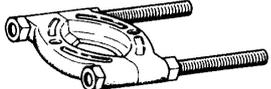
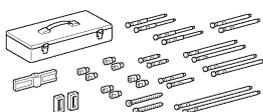
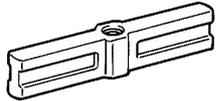
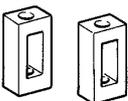
Item	Capacity
Front drive shaft	
Outboard joint grease	125 to 135 g (4.9 to 5.3 oz.)
Inboard joint grease	125 to 135 g (4.9 to 5.3 oz.)

BRAKE

PREPARATION

SST

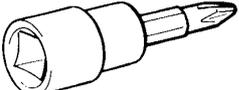
023GQ-01

	09023-00100	Union Nut Wrench 10 mm	REAR DRUM BRAKE BRAKE MASTER CYLINDER SUB-ASSY BRAKE ACTUATOR ASSY
	09214-76011	Crankshaft Pulley Replacer	SPEED SENSOR REAR LH
	09520-00031	Rear Axle Shaft Puller	SPEED SENSOR REAR LH
	(09520-00040)	Shocker	SPEED SENSOR REAR LH
	09521-00020	Drive Shaft Boot Clamping Tool	SPEED SENSOR REAR LH
	09703-30011	Tool Set, Brake Shoe Return Spring	REAR DRUM BRAKE
	09718-00010	Shoe Hold Down Spring Driver	REAR DRUM BRAKE
	09950-00020	Bearing Remover	SPEED SENSOR REAR LH
	09950-50013	Puller C Set	SKID CONTROL ECU ASSY STEERING SENSOR
	(09951-05010)	Hanger 150	SKID CONTROL ECU ASSY STEERING SENSOR
	(09952-05010)	Slide Arm	SKID CONTROL ECU ASSY STEERING SENSOR
	(09953-05020)	Center Bolt 150	SKID CONTROL ECU ASSY STEERING SENSOR

PREPARATION - BRAKE

	(09954-05021) Claw No.2	SKID CONTROL ECU ASSY STEERING SENSOR
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Recommended Tools

	09042-00010 Torx Socket T30	BRAKE MASTER CYLINDER SUB-ASSY BRAKE ACTUATOR ASSY SKID CONTROL ECU ASSY STEERING SENSOR
	(09060-20010) Socket Wrench	SKID CONTROL ECU ASSY STEERING SENSOR

Equipment

Stopwatch	
Dial indicator	
Radiator cap tester	
Torque wrench	
Voltmeter	
Dial indicator with magnetic base	
Tire pressure gauge	
Alignment tester	
Toe-in gauge	
Slide calipers	
Camber-caster-kingpin gauge	
Wheel balancer	
Drill	

Lubricant

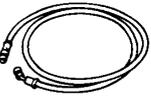
Item	Capacity	Classification
Brake fluid	-	SAE J1703 or FMVSS No. 116 DOT3

PARKING BRAKE

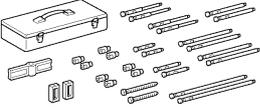
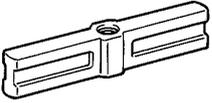
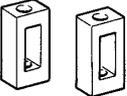
PREPARATION

SST

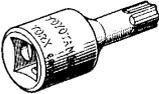
0237X-01

	07110-58060	Air Conditioner Service Tool Set	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(07117-58060)	Refrigerant Drain Service Valve	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(07117-58070)	T-Joint	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(07117-58080)	Quick Disconnect Adapter	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(07117-58090)	Quick Disconnect Adapter	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(07117-78050)	Refrigerant Charging Gauge	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(07117-88060)	Refrigerant Charging Hose	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(07117-88070)	Refrigerant Charging Hose	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(07117-88080)	Refrigerant Charging Hose	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	09703-30010	Brake Shoe Return Spring Tool	PARKING BRAKE CABLE ASSY NO.3
	09718-00010	Shoe Hold Down Spring Driver	PARKING BRAKE CABLE ASSY NO.3
	09870-00015	A/C Quick Joint Puller No.1	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY

PREPARATION – PARKING BRAKE

	09870-00025 A/C Quick Joint Puller No.2	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	09950-50013 Puller C Set	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(09951-05010) Hanger 150	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(09952-05010) Slide Arm	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(09953-05020) Center Bolt 150	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	(09954-05021) Claw No.2	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY

Recommended Tools

	09042-00010 Torx Socket T30	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY
	95416-00140 Gas Leak Detector (Halogen Leak Detector) (DENSO Part No.)	PARKING BRAKE CABLE ASSY NO.1 PARKING BRAKE CONTROL PEDAL ASSY

Equipment

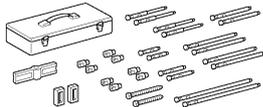
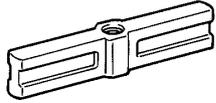
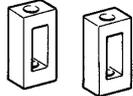
Torque wrench	
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STEERING COLUMN

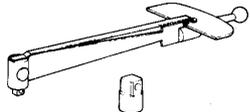
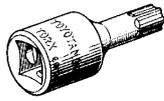
PREPARATION

0237Y-01

SST

	09616-00011	Steering Worm Bearing Adjusting Socket	STEERING COLUMN ASSY
	09950-50013	Puller C Set	STEERING COLUMN ASSY
	(09951-05010)	Hanger 150	STEERING COLUMN ASSY
	(09952-05010)	Slide Arm	STEERING COLUMN ASSY
	(09953-05020)	Center Bolt 150	STEERING COLUMN ASSY
	(09954-05021)	Claw No.2	STEERING COLUMN ASSY

Recommended Tools

	09025-00010	Torque Wrench (30 kgf-cm)	STEERING COLUMN ASSY
	09042-00010	Torx Socket T30	STEERING COLUMN ASSY

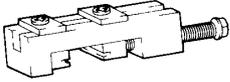
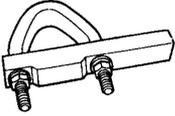
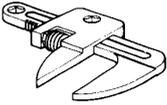
EQUIPMENT

Torque wrench	
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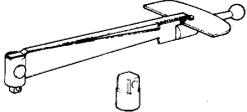
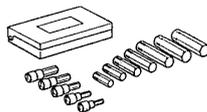
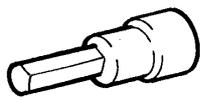
POWER STEERING PREPARATION

023DW-01

SST

	09521-24010	Rear Axle Shaft Puller	STEERING GEAR ASSY
	09612-00012	Rack & Pinion Steering Rack Housing Stand	STEERING GEAR ASSY
	09616-00011	Steering Worm Bearing Adjusting Socket	STEERING GEAR ASSY
	09628-00011	Ball Joint Puller	STEERING GEAR ASSY
	09922-10010	Variable Open Wrench	STEERING GEAR ASSY

Recommended Tools

	09025-00010	Torque Wrench (30 kgf-cm)	STEERING GEAR ASSY
	09040-00011	Hexagon Wrench Set	STEERING GEAR ASSY
	(09043-20060)	Socket Hexagon Wrench 6	STEERING GEAR ASSY

Equipment

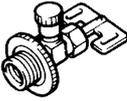
Torque wrench	
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HEATER & AIR CONDITIONER

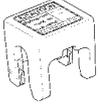
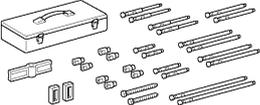
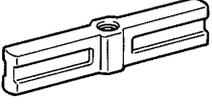
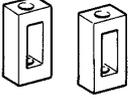
PREPARATION

023GS-01

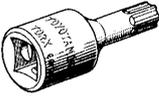
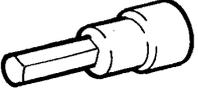
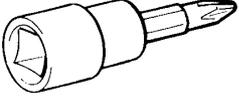
SST

	07110-58060 Air Conditioner Service Tool Set	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY
	(07117-58060) Refrigerant Drain Service Valve	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY
	(07117-58070) T-Joint	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY
	(07117-58080) Quick Disconnect Adapter	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY
	(07117-58090) Quick Disconnect Adapter	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY
	(07117-78050) Refrigerant Charging Gauge	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY
	(07117-88060) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY
	(07117-88070) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY
	(07117-88080) Refrigerant Charging Hose	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY

PREPARATION – HEATER & AIR CONDITIONER

	09870-00015	A/C Quick Joint Puller No.1	AIR CONDITIONING RADIATOR ASSY
	09870-00025	A/C Quick Joint Puller No.2	AIR CONDITIONING RADIATOR ASSY
	09950-50013	Puller C Set	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09951-05010)	Hanger 150	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09952-05010)	Slide Arm	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09953-05020)	Center Bolt 150	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09954-05021)	Claw No.2	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY

Recommended Tools

	09042-00010	Torx Socket T30	AIR CONDITIONING RADIATOR ASSY BLOWER ASSY
	(09043-20060)	Socket Hexagon Wrench 6	AIR CONDITIONING RADIATOR ASSY HEATER WATER PUMP ASSY
	(09060-20010)	Socket Wrench	AIR CONDITIONING RADIATOR ASSY
	95416-00140	Gas Leak Detector (Halogen Leak Detector) (DENSO Part No.)	REFRIGERANT AIR CONDITIONING RADIATOR ASSY W/RECEIVER CONDENSER ASSY ELECTRIC INVERTER COMPRESSOR ASSY

Equipment

Voltmeter	
Ammeter	
Ohmmeter	
Vinyl tape	
Hexagon wrench (4 mm)	
Gas leak detector	
Radiator cap tester	
Torque wrench	

Lubricant

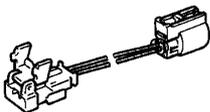
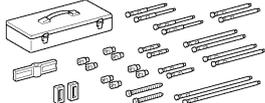
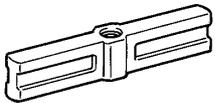
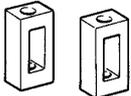
Item	Capacity	Classification
Compressor oil	–	ND-OIL 11 or equivalent

SUPPLEMENTAL RESTRAINT SYSTEM

PREPARATION

023E6-01

SST

	09082-00700	SRS Airbag Deployment Tool	HORN BUTTON ASSY CURTAIN SHIELD AIRBAG ASSY FRONT SEAT AIRBAG ASSY FRONT PASSENGER AIRBAG ASSY
	09082-00750	Airbag Deployment Wire Sub-harness No.3	FRONT SEAT AIRBAG ASSY
	09082-00780	Airbag Deployment Wire Sub-harness No.6	HORN BUTTON ASSY FRONT PASSENGER AIRBAG ASSY
	09082-00802	Airbag Deployment Wire Sub-Harness No. 8	HORN BUTTON ASSY CURTAIN SHIELD AIRBAG ASSY FRONT PASSENGER AIRBAG ASSY
	(09082-10801)	Wire A	HORN BUTTON ASSY CURTAIN SHIELD AIRBAG ASSY FRONT PASSENGER AIRBAG ASSY
	(09082-20801)	Wire B	CURTAIN SHIELD AIRBAG ASSY
	(09082-30801)	Wire C	HORN BUTTON ASSY FRONT PASSENGER AIRBAG ASSY
	09950-50013	Puller C Set	SPIRAL CABLE SUB-ASSY
	(09951-05010)	Hanger 150	SPIRAL CABLE SUB-ASSY
	(09952-05010)	Slide Arm	SPIRAL CABLE SUB-ASSY
	(09953-05020)	Center Bolt 150	SPIRAL CABLE SUB-ASSY
	(09954-05021)	Claw No.2	SPIRAL CABLE SUB-ASSY

Recommended Tools

	09042-00010 Torx Socket T30	HORN BUTTON ASSY SPIRAL CABLE SUB-ASSY SEAT POSITION AIR BAG SENSOR
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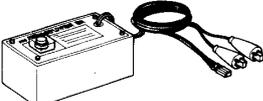
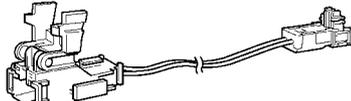
Equipment

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

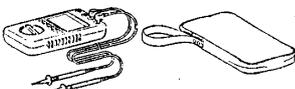
SEAT BELT PREPARATION

023DT-02

SST

	<p>09082-00700 SRS Airbag Deployment Tool</p>	<p>FRONT SEAT BELT</p>
	<p>09082-00770 Airbag Deployment Wire Sub-harness No.5</p>	<p>FRONT SEAT BELT</p>

Recommended Tools

	<p>09082-00040 TOYOTA Electrical Tester</p>	<p>SEAT BELT WARNING SYSTEM</p>
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Equipment

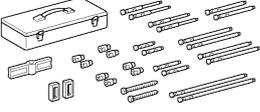
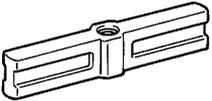
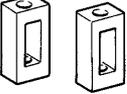
<p>Torque wrench</p>	
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LIGHTING

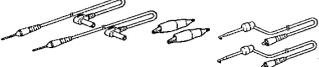
PREPARATION

SST

023E0-01

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

Recommended Tools

	09042-00010 Torx Socket T30	HEADLAMP DIMMER SWITCH ASSY
	09082-00040 TOYOTA Electrical Tester	LIGHTING SYSTEM
	(09083-00150) Test Lead Set	LIGHTING SYSTEM

Equipment

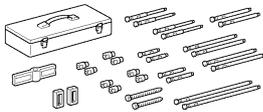
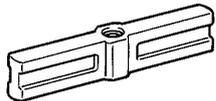
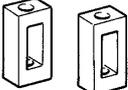
Torque wrench	
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WIPER & WASHER

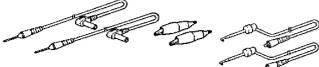
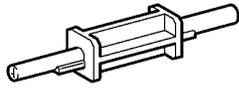
PREPARATION

023EH-01

SST

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

Recommended Tools

	09042-00010	Torx Socket T30	WINDSHIELD WIPER SWITCH ASSY
	09082-00040	TOYOTA Electrical Tester	WIPER AND WASHER SYSTEM
	(09083-00150)	Test Lead Set	WIPER AND WASHER SYSTEM
	95060-10010	TOYOTA 4way nozzle Tools	WASHER NOZZLE

Equipment

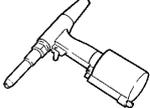
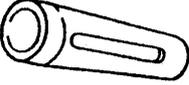
Voltmeter	
Ohmmeter	
Vinyl tape	
Wire brush	
Torque wrench	

AUDIO & VISUAL SYSTEM

PREPARATION

023H0-01

Recommended Tools

	09042-00010	Torx Socket T30	STEERING PAD SWITCH LH STEERING PAD SWITCH RH
	09050-00032	Air Drill	FRONT NO.1 SPEAKER ASSY REAR SPEAKER ASSY
	(09050-00210)	Chuck Set	FRONT NO.1 SPEAKER ASSY REAR SPEAKER ASSY
	09050-20010	Air Riveter	FRONT NO.1 SPEAKER ASSY REAR SPEAKER ASSY
	(09050-02010)	Dust Cap	FRONT NO.1 SPEAKER ASSY REAR SPEAKER ASSY
	(09050-02020)	Nose Piece No.1	FRONT NO.1 SPEAKER ASSY REAR SPEAKER ASSY
	09060-60350	Revet Cutter	FRONT NO.1 SPEAKER ASSY REAR SPEAKER ASSY

Equipment

Torque wrench	
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WINDSHIELD/WINDOWGLASS/MIRROR

023ED-01

PREPARATION

Recommended Tools

	09082-00040 TOYOTA Electrical Tester	POWER MIRROR CONTROL SYSTEM WINDOW DEFOGGER SYSTEM
	(09083-00150) Test Lead Set	WINDOW DEFOGGER SYSTEM POWER MIRROR CONTROL SYSTEM

Equipment

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

SSM

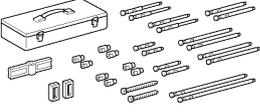
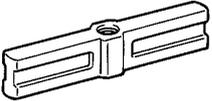
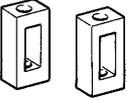
	08833-00030 Three cement black or equivalent	WINDSHIELD GLASS QUARTER WINDOW BACK DOOR GLASS BACK WINDOW FIX GLASS FRONT SIDE FIX WINDOW
	08850-00801 Windshield Glass Adhesive Set or equivalent	WINDSHIELD GLASS QUARTER WINDOW BACK DOOR GLASS BACK WINDOW FIX GLASS FRONT SIDE FIX WINDOW

INSTRUMENT PANEL/METER

023GT-01

PREPARATION

SST

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

Recommended Tools

	09042-00010 Torx Socket T30	INSTRUMENT PANEL SUB-ASSY LOWER
	09070-20010 Moulding Remover	INSTRUMENT PANEL SUB-ASSY INSTRUMENT PANEL SUB-ASSY LOWER TELLTALE LAMP ASSY

Equipment

Torque wrench	
Tape	To avoid surface damage

SEAT PREPARATION

023HL-01

Recommended Tools

	09042-00010 Torx Socket T30	FRONT SEAT ASSY
	09200-00010 Engine Adjust Kit	FRONT SEAT ASSY

Equipment

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

ENGINE HOOD/DOOR**PREPARATION**

023G5-01

SST

	09812-00010	Door Hinge Set Bolt Wrench	FRONT DOOR
	09812-00020	Door Hinge Set Bolt Wrench	FRONT DOOR

Recommended Tools

	09041-00020	Torx Driver T25	FRONT DOOR REAR DOOR
	09042-00010	Torx Socket T30	FRONT DOOR REAR DOOR
	09042-00020	Torx Socket T40	FRONT DOOR REAR DOOR BACK DOOR

SSM

	08833-00070	"Adhesive 1324," THREE BOND 1324 or equivalent	FRONT DOOR REAR DOOR
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Equipment

Plastic-faced hammer	
Tape	To avoid surface damage
Torque wrench	

EXTERIOR/INTERIOR TRIM PREPARATION

023GC-01

	<p>09070-20010 Moulding Remover</p>	<p>FRONT BUMPER REAR BUMPER ROOF HEADLINING FRONT DOOR BELT MOULDING REAR DOOR BELT MOULDING</p>
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Equipment

<p>Adhesive tape</p>	<p>To avoid surface damage.</p>
<p>Clip remover</p>	
<p>Knife</p>	
<p>Protective tape</p>	<p>To avoid surface damage.</p>
<p>Torque wrench</p>	

HORN PREPARATION

023EE-01

Recommended Tools

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

Equipment

Torque wrench	
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CRUISE CONTROL PREPARATION

023GU-01

Recommended Tools

	09042-00010 Torx Socket T30	CRUISE CONTROL MAIN SWITCH
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Equipment

Torque wrench	
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