



Service Manual

TB45 Gasoline Engine
111219-up

GROUP INDEX

GROUP INDEX	Items
EG ENGINE GENERAL	PRECAUTIONS FOR SAFETY AND QUALITY, HOW TO USE THIS MANUAL, TROUBLE DIAGNOSIS, ECM GENERAL SERVICE INFORMATION, PRECAUTIONS, PREPARATION, SERVICE DATA
ET ENGINE TUNE-UP	VALVE CLEARANCE, ENGINE DRIVE BELT, ENGINE OIL, COMPRESSION PRESSURE, SPARK PLUG
EM ENGINE MECHANICAL	INTAKE MANIFOLD, EXHAUST MANIFOLD, OIL PAN AND OIL STRAINER, ROCKER COVER, ROCKER ARM AND ROCKER SHAFT ASSEMBLY, CYLINDER HEAD, TIMING CHAIN, CYLINDER BLOCK
LU ENGINE LUBRICATION	OIL PUMP
CO ENGINE COOLING SYSTEM	ENGINE COOLANT, WATER PUMP, THERMOSTAT
EC ENGINE CONTROL	PRECAUTIONS, ENGINE CONTROL SYSTEM, TROUBLE DIAGNOSIS, BASIC INSPECTION, BATTERY AND GROUND SYSTEM, CRANKSHAFT POSITION SENSOR 1° (POS), CRANKSHAFT POSITION SENSOR 120° (REF), MASS AIR FLOW SENSOR SYSTEM, ENGINE COOLANT TEMPERATURE SENSOR SYSTEM, HEATED OXYGEN SENSOR SYSTEM, THROTTLE POSITION SENSOR SYSTEM, ACCELERATOR PEDAL POSITION SENSOR SYSTEM, NEUTRAL SWITCH SYSTEM, INTAKE AIR TEMPERATURE SENSOR SYSTEM, STOP LAMP SWITCH SYSTEM, ELECTRICAL LOAD SWITCH SYSTEM, IGNITION SYSTEM, FUEL INJECTOR SYSTEM (GASOLINE) , FUEL PUMP SYSTEM, THROTTLE CONTROL MOTOR SYSTEM, HEATED OXYGEN SENSOR HEATER SYSTEM, LPG INJECTOR SYSTEM, LPG ASSISTANCE INJECTOR SYSTEM, LPG FUEL PRESSURE SENSOR SYSTEM, LPG INTERCEPTION VALVE SYSTEM, FUEL CONTROL CHANGING SWITCH SYSTEM, PCV GAS RESTORATION DEVICE, FUEL CUT FUNCTION, ECM COMPONENTS, SERVICE DATA AND SPECIFICATIONS (SDS)
FL ENGINE FUEL SYSTEM	FUEL SYSTEM, FUEL INJECTOR (GASOLINE AND COMBINED USE), LPG PARTS
EL ENGINE ELECTRICAL SYSTEM	STARTING SYSTEM, CHARGING SYSTEM, HIGH-TENSION CABLE

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