Covers models - RS90, RS90R, RSG90, RS90M, RST90, RST90TF RS90N, RS90NR, RS90RS, RS90MS, RS90GT RS90K, RS90RK, RSG90K, RS90MK, RST90K, RST90TFK RS90NL, RS90NRL, RS90RSL, RS90GTL, RS90MSL May also cover model years later than listed. Chapters Include - GENERAL INFORMATION PERIODIC INSPECTION AND ADJUSTMENT CHASSIS POWER TRAIN ENGINE COOLING SYSTEM CARBURETION ELECTRICAL SPECIFICATIONS CHAPTER 1. GENERAL INFORMATION MACHINE IDENTIFICATION................................. 1-1 FRAME SERIAL NUMBER........................... 1-1 ENGINE SERIAL NUMBER........................... 1-1 IMPORTANT INFORMATION ......................... 1-2 PREPARATION FOR REMOVAL AND DISASSEMBLY................................. 1-2 ALL REPLACEMENT PARTS................. 1-2 GASKETS, OIL SEALS, AND O-RINGS.... 1-3 LOCK WASHERS/PLATES AND COTTER PINS ......................... 1-3 BEARINGS AND OIL SEALS ............... 1-3 CIRCLIPS ............................................. 1-3 LOCTITE ............................................. 1-3 SPECIAL TOOLS ............................................ 1-4 FOR TUNE UP.............................. 1-4 FOR ENGINE SERVICE.............................. 1-4 FOR POWER TRAIN SERVICE ............. 1-7 FOR CARBURETION SERVICE ............... 1-8 FOR ELECTRICAL SERVICE ............. 1-8 CHAPTER 2. PERIODIC INSPECTION AND ADJUSTMENT INTRODUCTION............................................. 2-1 PERIODIC MAINTENANCE CHART.................. 2-1 ENGINE ...................................................... 2-3 SPARK PLUGS........................................... 2-3 FUEL LINE INSPECTION.......................... 2-3 COOLING SYSTEM................................. 2-4 VALVE CLEARANCE ADJUSTMENT ...... 2-7 CARBURETOR SYNCHRONIZATION.... 2-13 ENGINE IDLE SPEED ADJUSTMENT..... 2-14 THROTTLE CABLE FREE PLAY ADJUSTMENT................................. 2-15 THROTTLE OVERRIDE SYSTEM (T.O.R.S.) CHECK................................. 2-16 COMPRESSION PRESSURE MEASUREMENT............................. 2-17 ENGINE OIL LEVEL INSPECTION ....... 2-18 ENGINE
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