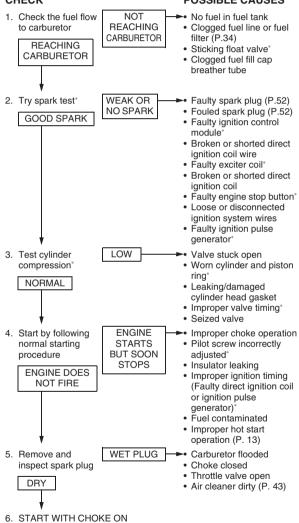
The items that are serviceable using this Manual are followed by the page number reference in parenthesis. The items that require use of the Honda Service Manual are followed by an asterisk (*).

ENGINE DOES NOT START OR IS HARD TO START CHECK POSSIBLE CAUSES



POOR PERFORMANCE AT LOW AND UNSTABLE IDLE SPEED CHECK POSSIBLE CAUSES 1. Check if air cleaner INCORRECT - Over-oiled air cleaner is overoiled (P.43) CORRECT 2. Check if the LEAKING ► Loose connecting tube connecting tube and/or insulator band and/or insulator is Damaged connecting leaking tube and/or insulator NOT LEAKING INCORRECT 3. Check carburetor Fuel-air mixture too lean (Turn the pilot screw out) pilot screw adjustment (P.120) Fuel-air mixture too rich CORRECT (Turn the pilot screw in) (P. 120) CLOGGED -4. Check carburetor Contaminants in the fuel iets and accelerator Not cleaned frequently enough (P.112) pump for clogs NOT CLOGGED 5. Try spark test WEAK OR ➤ Faulty, carbon or wet INTERMITTENT fouled spark plug (P.52) GOOD SPARK SPARK Faulty ignition control module Faulty exciter coil* · Faulty engine stop button Faulty direct ignition coil* · Broken or shorted direct ignition coil wire · Loose or disconnected ignition system wires · Faulty ignition pulse generator* 6. Check the throttle INCORRECT → Faulty throttle position position sensor sensor CORRECT 7. Test cylinder LOW Ring worn compression* Cylinder worn or damaged* CORRECT Piston worn or damaged* · Head gasket not sealing Valve stuck open

POOR PERFORMANCE AT HIGH SPEED **CHECK** POSSIBLE CAUSES FUEL FLOW 1. Disconnect fuel line → Lack of fuel in tank (P.34) at carburetor and RESTRICTED Clogged fuel line (P.34) check for clogging Clogged fuel fill cap (P.34) breather tube (P.34) . Clogged fuel filter (P.35) UNRESTRICTED Clogged fuel valve (P.34) **FUEL FLOW** 2. Remove air cleaner DIRTY Not cleaned frequently (P.43) enough (P.43) AIR FILTER **NOT DIRTY** 3. Install a larger CONDITION → Jet size wrong, rejet in the carburetor main iet WORSE opposite direction (P.120) (P. 117) CORRECT CLOGGED 4. Check carburetor Contaminants in the fuel jets for clogging NOT CLOGGED 5. Check valve timing INCORRECT Cam sprocket not installed properly CORRECT WEAK OR 6. Try spark test Faulty, carbon or wet INTERMITTENT fouled spark pulg (P.52) GOOD SPARK **SPARK** Faulty ignition control module⁸ · Faulty exciter coil* · Faulty engine stop button · Faulty direct ignition coil* · Broken or shorted direct ignition coil wire · Loose or disconnected ignition system wires Faulty ignition pulse generator* 7. Test cylinder LOW Ring worn compression* · Cylinder worn or damaged CORRECT · Piston worn or damaged · Head gasket not sealing Valve stuck open