

SERVICE BULLETIN

FUEL DELIVERY

NO. 2

DATE: 03/26/97 Revised 4/14/16

RE: ALL 16, through 35 Horsepower long tail Go-Devils and Surface Drives.

PROBLEM: Engine cuts out at high speed under load, must pump fuel bulb to keep engine running.

CONDITION FOUND: Engine starving for fuel due to the vertical height that the fuel has to be lifted. Fuel system found satisfactory in most cases.

SOLUTION: First check o-ring in fuel connector on the end of the hose and all hose clamps and connections on fuel system for leaks. Second, make sure all dip-sticks and oil caps are sealing properly. These engines have a pulse fuel pump which operates off of crankcase pressure.

We have determined that the fuel pump system on these engines is adequate; however there is no room for any minor problems, because we are at the limit of the vertical lift for fuel required to operate them.

We have found that reducing the size of the fuel hose from 5/16th to 1/4 inch allows the fuel system to supply more fuel to the engine, since it is easier to lift a smaller volume of fuel that is more than adequate to operate these engines at full throttle/full load.

Since January of 1997, we have installed 1/4 inch fuel hoses on these models of Go-Devils.