



Assembly Instructions

File GH-50-109

Subject Hose-Hydraulic
Pump to Pressure
Control Valve.

Date 1-22-82

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This Assembly Instruction supersedes and cancels Instruction For Assembly number 432 428 to correctly illustrate installation of package parts.

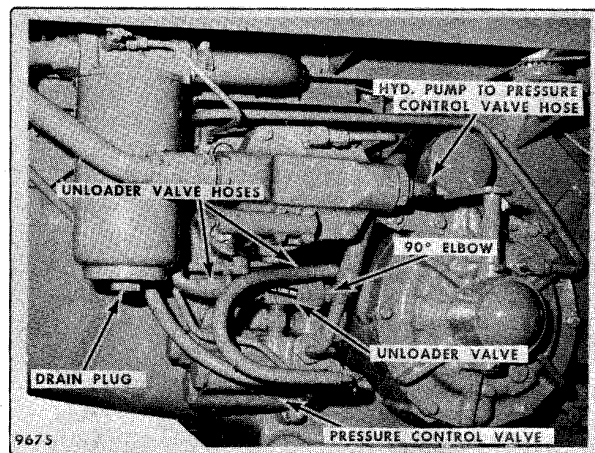


Fig. 1 - Hose Location

GENERAL

Following instructions cover installation of 20-713 0066 Hose Package between hydraulic pump and pressure control valve on 1755, 1855, 1955, 2255, G955/1870, G1355/2270 and 4-150 tractors.

Lay out and identify all parts. See Fig. 2. Refer to Service Bulletin GH-50-105(Rev.1) and, on page 2, change part number 30-318 0334 to 30-318 0344 Sleeve.

Maintain utmost cleanliness when working on hydraulic system to prevent entry of foreign material.

INSTALLATION

Remove side shield from left hand side of operator platform.

Remove drain plug from bottom of filter and drain hydraulic oil(Fig.1).

Disconnect both hoses from unloader valve(Fig.1).

Loosen 90° elbow on unloader valve and position so as to clear lines and brake assembly while turning unloader valve out of pressure control valve(Fig.1).

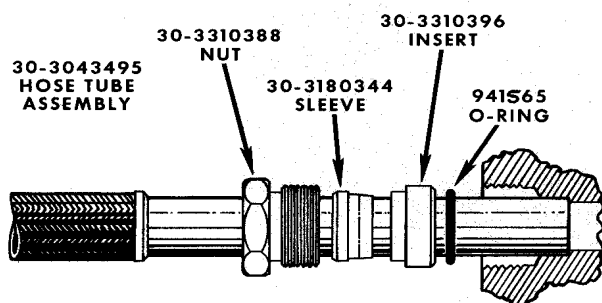


Fig. 2 - Hydraulic Hose and Fittings

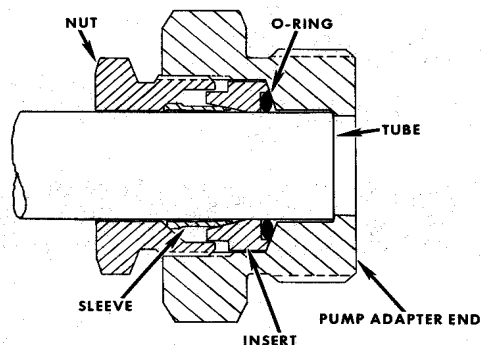


Fig. 3 - Hose and Fittings Assembled

Disconnect and discard hose between hydraulic pump and pressure control valve (Fig.1).

NOTE: Be sure white teflon sealing ring does not remain in hydraulic pump port and pressure control valve port.

Lubricate and install in following order: nut, sleeve, insert and O-Ring on each end of provided hose (Fig.2). Move parts as far onto tube as possible.

Insert straight end of tube into port in pressure control valve until tube is seated or bottomed in port. Move O-Ring, insert, sleeve and nut down into port and tighten finger tight.

Insert other end of tube into pump adapter until tube is seated or bottomed in adapter port. Move O-Ring, insert, sleeve and nut into adapter port. Tighten nuts on both ends of hose 1-3/4 to 2 turns beyond finger tight. Nuts will feel "bottomed out" when properly tightened. NOTE: Be sure tube ends are completely bottomed in pump and pressure control valve before tightening nuts (Fig.3).

Reinstall unloader valve on pressure control valve. Be sure 90° elbow on unloader valve is loose so elbow may be rotated to clear brake assembly and hydraulic lines as unloader valve is installed.

Tighten 90° elbow and reconnect hoses to unloader valve.

Open bleed port on hydraulic filter and refill hydraulic unit. Close bleed port when clean air free flows from bleed port. NOTE: It may be necessary to blow air into filler neck to force oil through filter and out bleed port.

Start and operate engine at high idle and purge air from hydraulic system by operating three-point hitch several times from full raise to lower position. Check and replenish oil level as necessary.

Reinstall side shield on platform.