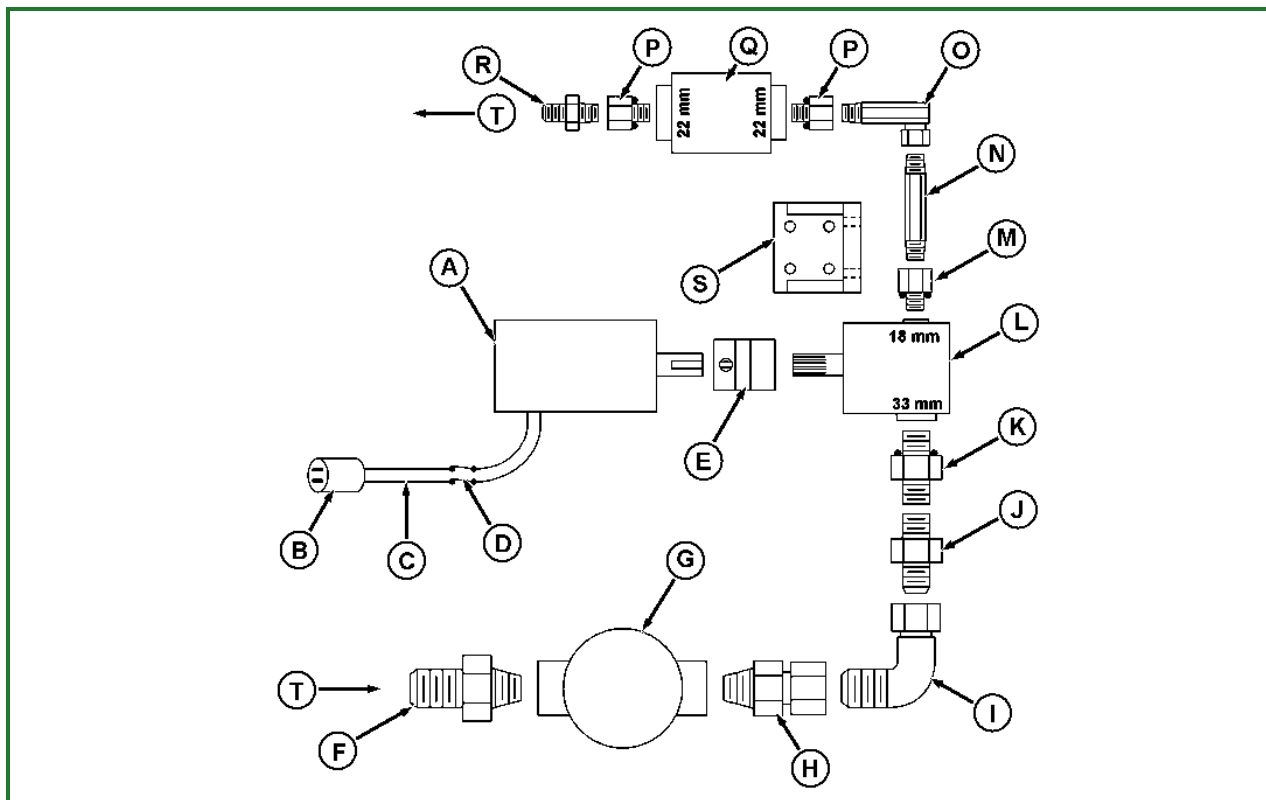


DFRW117—Transmission-Hydraulic Flusher



RW25993-UN: Transmission-Hydraulic Flusher

NOTE:

Please note that tools manufactured for own purposes might also require a CE marking and a self-certification process. As a manufacturer you are responsible for complying with the applicable laws and regulations.

Material Required:

A—120-volt AC Motor -1 hp (1725 rpm), 5/8 in. Shaft, 3/16 in. Keyway, 4-Bolt Mounting Plate

B—Electric Plug -3-prong

C—6-Foot (12-3) Electric Cord

D—DPDT On-Off Toggle Switch

E—Love Joy Coupler L095- 6 x 5/8 in. (3/16 in. Keyway Motor Side) L095-9T 16/32 in. (9-spline pump side) L095 Spider. Obtain from: Love Joy Corp, 2655 Wisconsin Avenue, Downers Grove, IL 60515 (Call 1-708-852-0500)

F—Adapter [1 in. (M) NPT x 1-1/16-12 (M) JIC] (For Hoses with (F) JIC Ends). Obtain from: Parker 12-16 FTX, Weatherhead C5205 x 12 x 16 or Aeroquip 2021-16-12S

F—Alternate — (For hoses with NPT (M) ends) 3/4(F) NPT Sw. x 1 in. (M) NPT. Obtain from: Parker 0107-16-12, Weatherhead 9205 x 12 x 16 or Aeroquip 2045-12-16S

G—Strainer —10 gpm minimum flow with 1 in. NPT Ports. Obtain from local farm supply store.

H—Adapter [1 in. (M) NPT x 1-5/16-12(M) JIC]. Obtain from: Parker 16 F6X or Weatherhead 9100 x 16 x 16

I—AT33917 90° Elbow [1-5/16-12 (F-Sw. x M)]

J—T26767 Connector [1-5/16-12 (M, O-ring x M, JIC)]

K—38H5006 Connector [M33 x 2.0 (M) O-ring x (M) ORFS]

L—RE60870 Hydraulic Pump (23 cm³) -9 spline 10.5 gpm at 1725 rpm (SAE "A" Mount)

L—Alternate—Part Number—W9A123R3F01N. Obtain from: John S. Barnes Corp., 222 15th. Street, Rockford, IL 61104 (Call 1-800-398-9400)

NOTE:

For the Barnes pump, omit adapters (J), (K), and (M) and replace with:

- 1 in. long 1-5/16-12(M) O-Ring x 1-5/16-12(M) JIC Adapter—Parker 16FF50X or Aeroquip 202713-16-16S
- (1) 1-1/16-12(M) O-Ring x 1/2(F) NPT Bushing—Parker 12-1/2F50G or Weatherhead C3269 x 12 x 8

M—Adapter M18 x 1.5(M) O-Ring x 1/2(F) NPT. Obtain from: Parker M18 x 1.5-1/2 F80 HG-S

N—Hex Nipple 1/2 in. NPT x 3 in. (One end inverted 30° flare). Obtain from: Parker 1/2 x 3.0 FFF

O—90° Elbow 1/2 in. (M) NPT x 1/2(F) Sw. NPT. Obtain from: Parker 2107-8-8 or Weatherhead 9405 x 8 x 8

P—Adapter (2 used) M22 x 2 (M) O-ring x 1/2(F) NPT. Obtain from: Parker M22 x 1.5-1/2 F80HG-S

Q—RE68996 Filter Housing and RE69054 Filter 10 Micron Filter—Flow Rating 15-20 gpm

R—Adapter [1/2 in. (M) NPT x 1-1/16-12(M) JIC] (For hoses with (F) JIC ends). Obtain from: Parker 12-8 FTX, Weatherhead C5205 x 12 x 8 or Aeroquip 2021-8-12S

R—Alternate — (for hoses with NPT (M) ends) 3/4(F) NPT Sw. x 1/2"(M) NPT. Obtain from: Parker 0107-8-12 or Weatherhead 9205 x 12 x 8

S—FM200 Foot Mounting Bracket A2 bolt—SAE "A" aluminum. Obtain from: LHA Products 1801-B West Oak Parkway N.E., Marietta, GA 30062 (Call 1-404-410-3950)

T—JT05679 Hose (2 used) 12-foot with 1-1/16-12 (F) JIC ends

T—Alternate — (For Hoses with 3/4 (M) NPT Ends). Obtain from SERVICEGARD or locally

—Base —1-1/2 in. x 9 in. x 22 in. board with 1-1/2 in. x 3-1/2 in. boarder on underside

—Hardware —Determine bolts, screw, and flat washer sizes

Assemble the above material on the base with correct hardware. Use large flat washers on bottom side of base.

Weld connector (J) and (K).

Align the drive coupler to within 1° from straight. Maximum misalignment of pump to motor shaft centers is 0.38 mm (0.015 in.).

Fabricate a mounting bracket from 3/16 in. x 3 in. flat iron for the filter housing which can also be a shield for