USER ARTICLE HYDRAULIC PUMP REPLACEMENT

Version 2026.1

SCOTTSDALE

THE TRUSTED STEEL-FRAMING PARTNER

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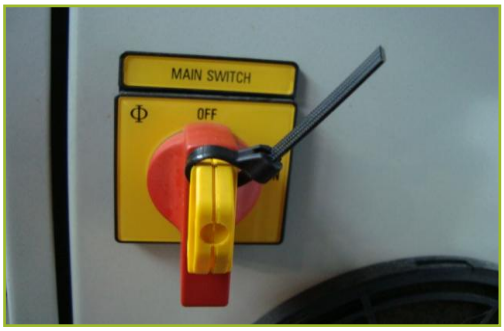
HYDRAULIC PUMP REPLACEMENT

Step 1
Tools Required:
10mm Spanner
Allan Key set
11/16 Spanner
28mm Spanner
Leaver Bar



Step 2
Switch off the RF and isolate the power.

Step 3
Remove the (4) M10 cap screws that secure the hydraulic pump motor onto the housing.

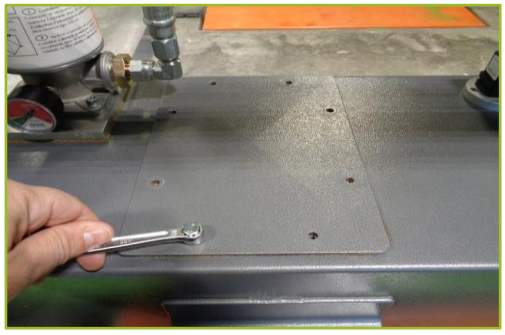
Step 4
Remove the rubber coupling.

Step 5
Using a leaver bar secure the coupling preventing it from turning, then loosen the lock nut.

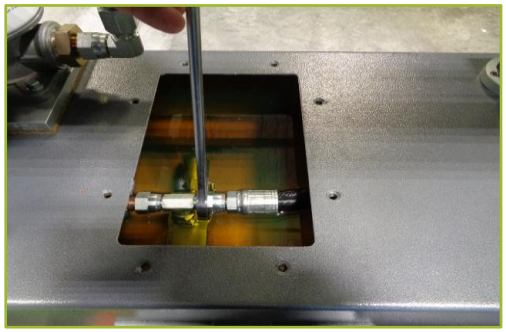
Step 6
Remove the lock nut and the spring washer.

Step 7
Remove the pump coupling and radius key.

Step 8
Remove the (4) cap screws that secure the bellhousing onto the oil tank.



Step 9
Remove the (8) M6 bolts , then remove the oil tank cover plate.



Step 10
Using a 11/16 spanner disconnect the high pressure hose from the relief valve.

Step 11
Remove the bellhousing, pump and high pressure hose from the oil tank.

Step 12
Remove the hydraulic connector from the pump.

Step 13
Remove the (4) M8 cap screws that secure the hydraulic pump onto the bellhousing.

Step 14
Tap the centre shaft of the pump downwards to remove it from the bellhousing.

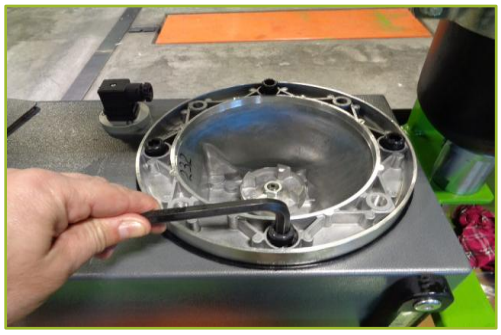
Step 15
Replace the old pump with the new pump.

Step 16
Tighten up the (4) M8 cap screws that secure the hydraulic pump onto the bellhousing.

Step 17
Secure the high pressure hose onto the pump. Make sure the hose is connected to the out port of the pump. Usually indicated with an arrow.

If the hose is connected to the wrong side of the pump, there will be no pressure build up when the machine is turned on.

Step 18
Replace the pump and bellhousing into the oil tank.

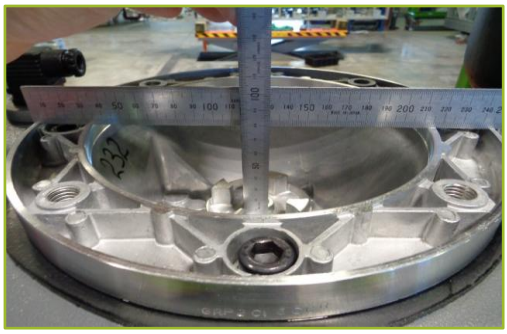


Step 19
Secure the bellhousing onto the oil tank using the (4) M10 cap screws.

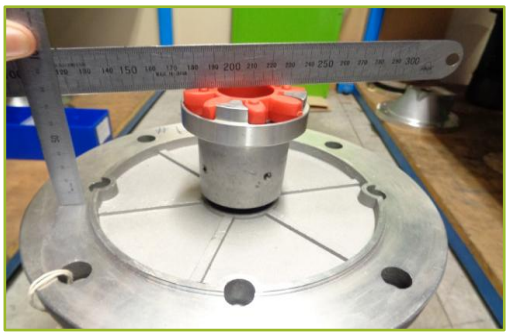
Step 20
Replace the hydraulic pump coupling and nut.

Step 21
Using a leaver bar secure the coupling preventing it from turning, then tighten the lock nut.

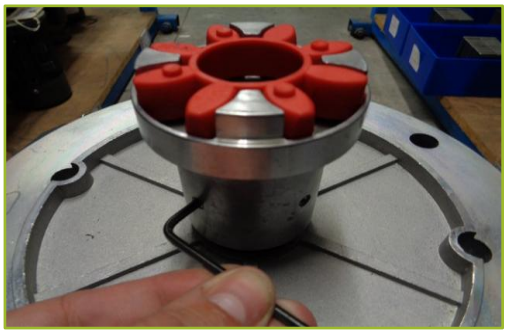
Step 22
Seat the rubber coupling in the aluminum coupling.



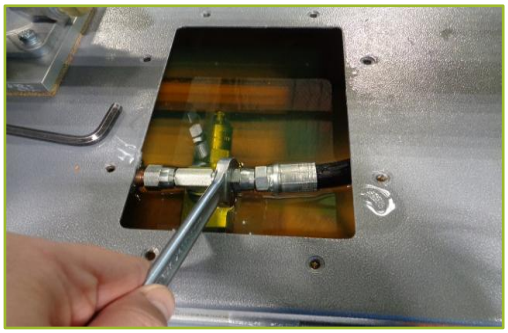
Step 23
With the electric motor removed place a ruler across the top of the bellhousing and measure the distance to the bottom of the coupling. Record this measurement.



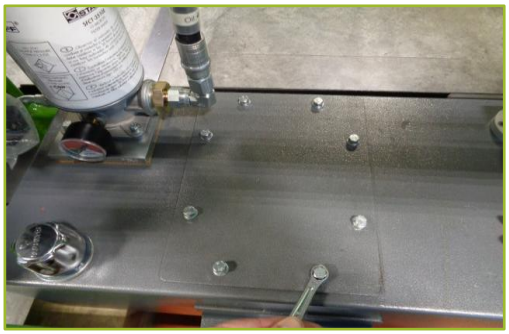
Step 24
Flip the electric motor upside down and measure the distance from the mounting flange to the rubber coupling. Record this measurement.



Step 25
If required, loosen the locking grub screw and adjust the height of the drive coupling so that the measurement recorded in Step 24 is 2-3mm less than the measurement in Step23.



Step 26
Reconnect the internal high pressure hose onto the relief valve.



Step 27
Replace the tank cover plate using the (8) M6 bolts.

Step 28
Replace the electric motor using the (4) M10 cap screws.