

Adding a winch 750 on a RF-410

1- Back off 19 inch from the guard (A) with a 1 1/16 inch socket.



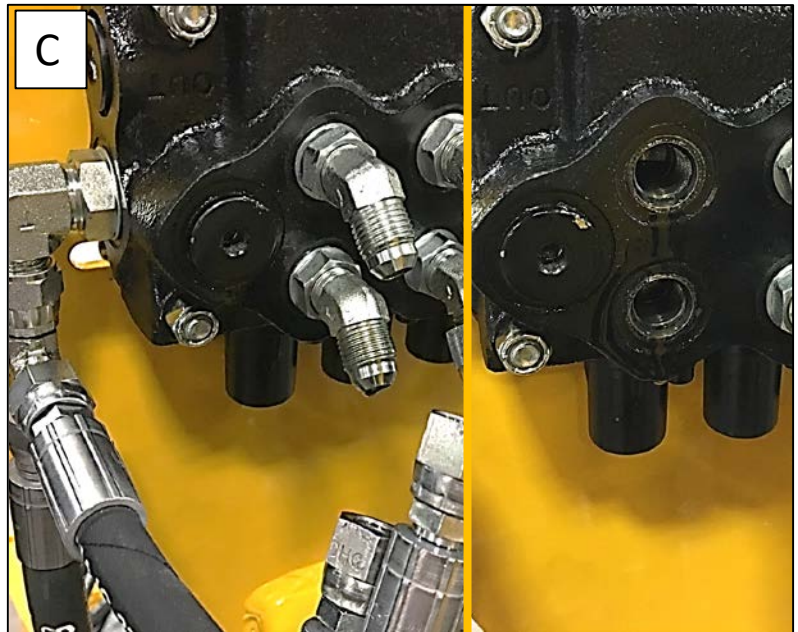
2- Set up the first post holder at 6 inches from the guard (B) or further according to your needs.



Be careful that the post holder does not hit the tandems in their upper position.

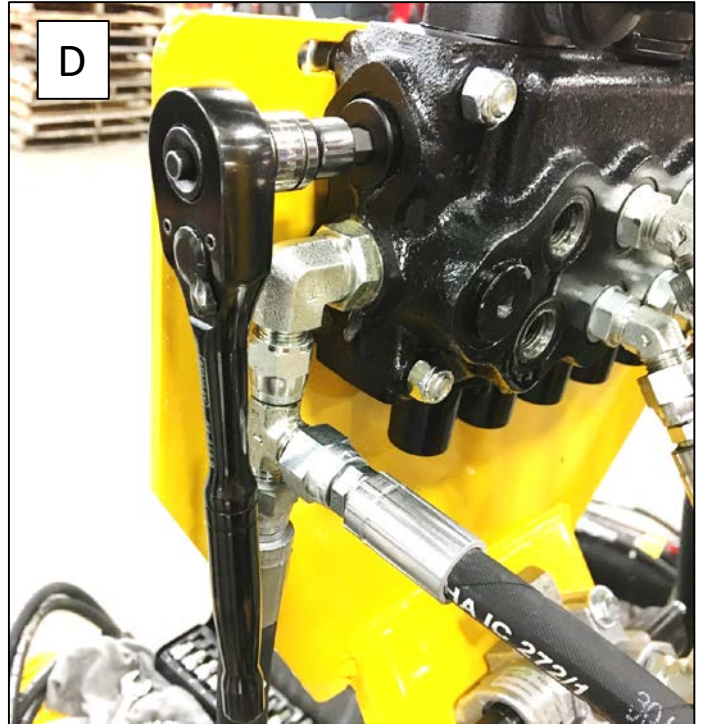
Note: before next steps, be sure that the log loader is lifted with the jack instead of the outrigger.

3- With a 3/4 and 11/16 wrench, remove temporarily the right outrigger hoses and fittings (C).

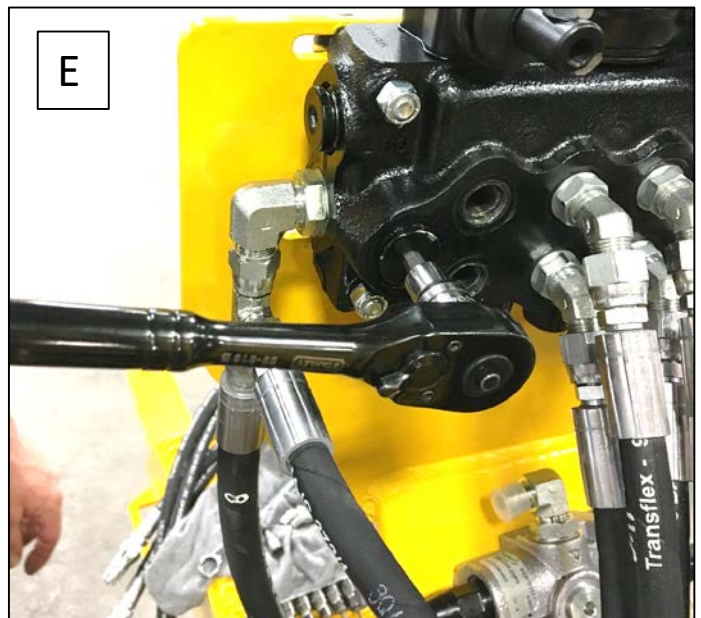


Adding a winch 750 on a RF-410

4- With a 8 mm (or 5/16) Allen socket, remove the plug on the OUT upper side of the main valve (D).



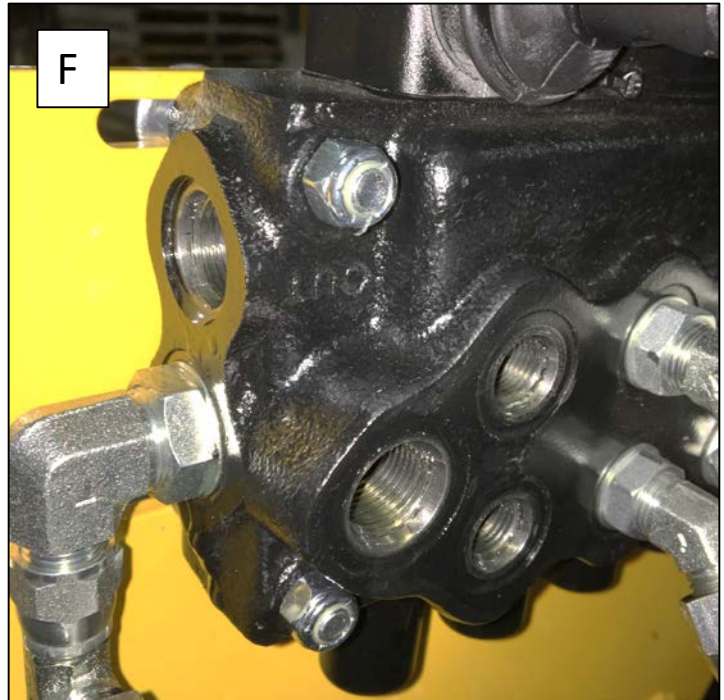
5- With a 6 mm (or 7/32) Allen socket, remove the plug (E) to the left of the previous removed fittings (step 3).



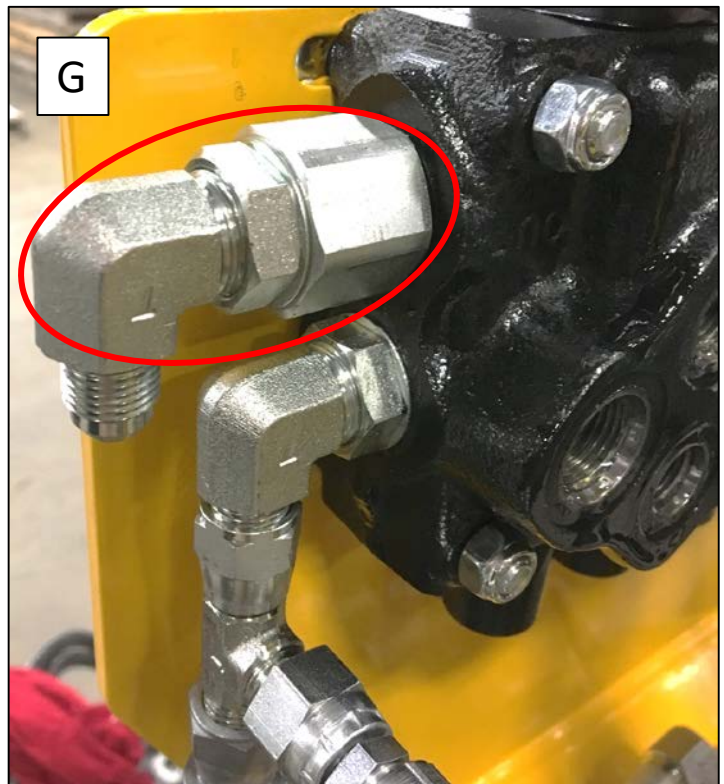
Adding a winch 750 on a RF-410

Here is the valve now.
You may now to install the
provided fittings.

Note: If needed, with a $\frac{1}{2}$ wrench
and socket, loose slightly the 4
bolts that hold the valve to the
support for an easier installation.

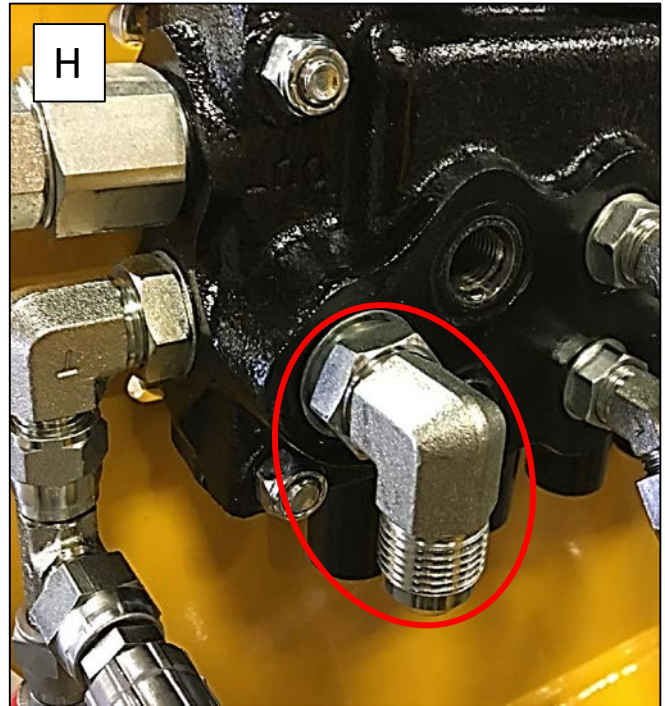


6- With a $1 \frac{1}{16}$ wrench , screw
the power beyond and the fitting
at the end, if not assembly (G) in
the main valve.

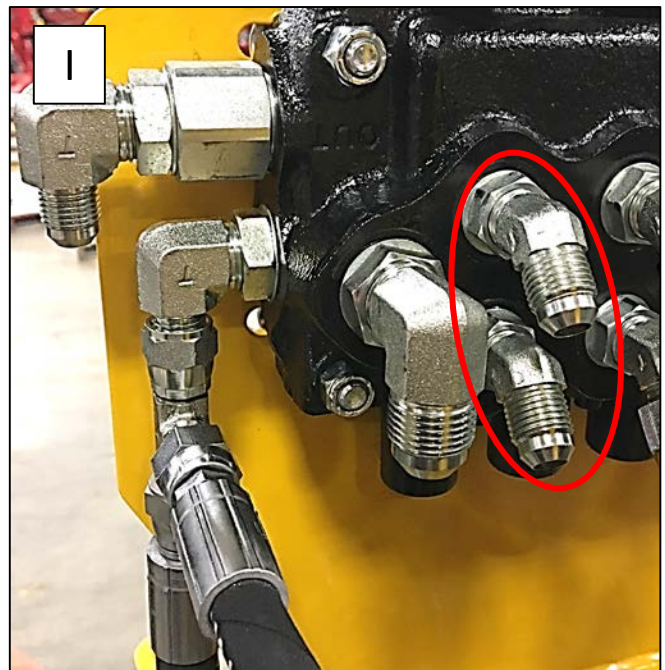


Adding a winch 750 on a RF-410

7- With a $\frac{3}{4}$ and $\frac{7}{8}$ wrench, install the provided fitting as showed (H).

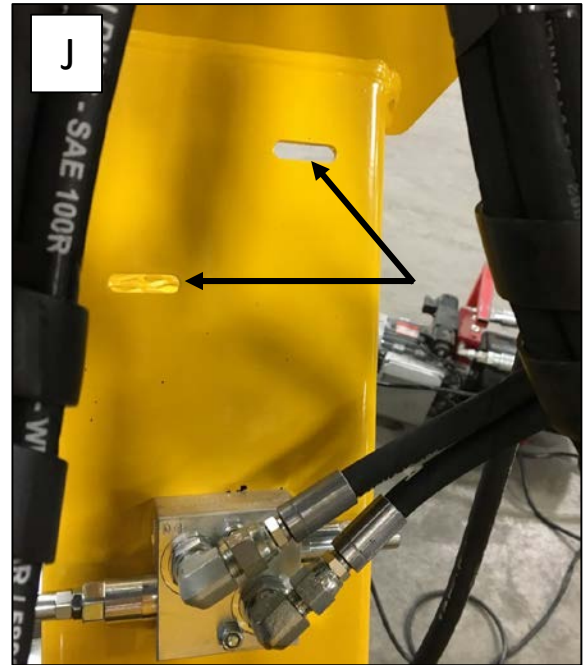


8- With a $\frac{9}{16}$ and $\frac{11}{16}$ wrench, reinstall the fittings of the outrigger by starting with the below one.



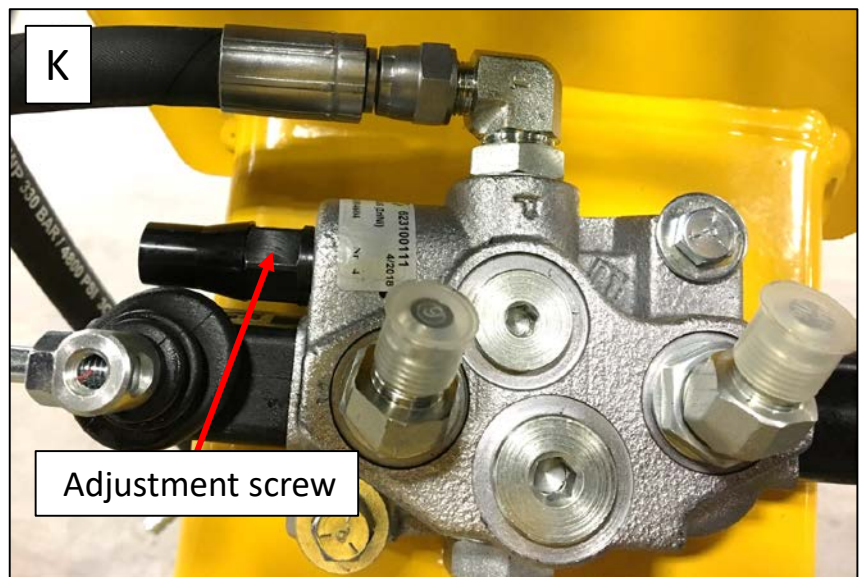
Adding a winch 750 on a RF-410

9- With a $\frac{1}{2}$ socket and wrench, install the option valve as illustrated (K) in the 2 holes of the support (J). Install the lever on that valve with a $\frac{1}{2}$ wrench.



Note: The adjustment screw must be completely screwed in order to let the maximum pressure pass (K).

If the cable speed seems slow, verify with a 13 mm (1/2) wrench and an Allen key 4 mm (5/32).

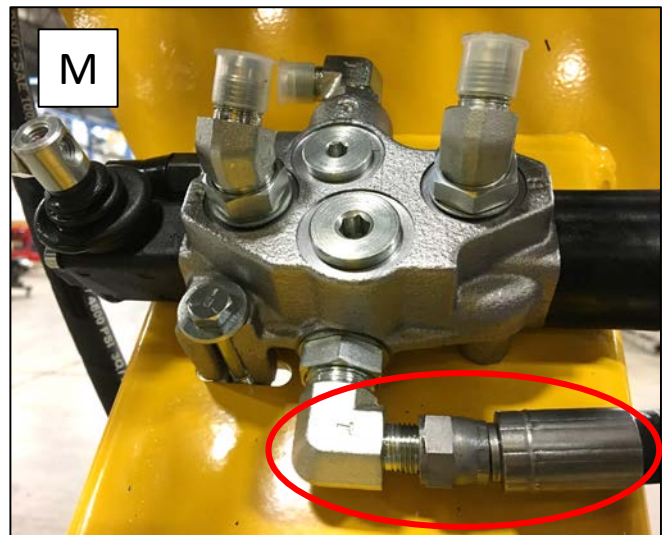


Adding a winch 750 on a RF-410

10- With a 15/16 wrench, install the hose #29 that comes from the main valve to the option valve. Use the elbow end as illustrated (L).



11- With a $\frac{3}{4}$ wrench, Install the other end of the #29 hose to the bottom position of the option valve (M).

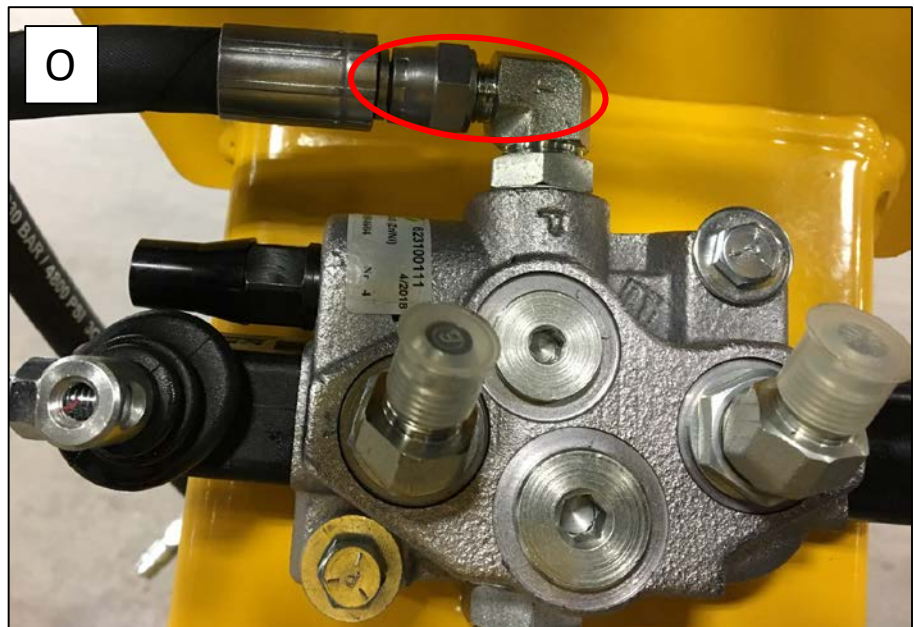


Adding a winch 750 on a RF-410

12- With a $\frac{3}{4}$ wrench, install the provided #28 hose, from the main valve to the option valve (N).



13- With a $\frac{3}{4}$ wrench, install the other end of the #28 hose to the top fitting of the option valve (O).



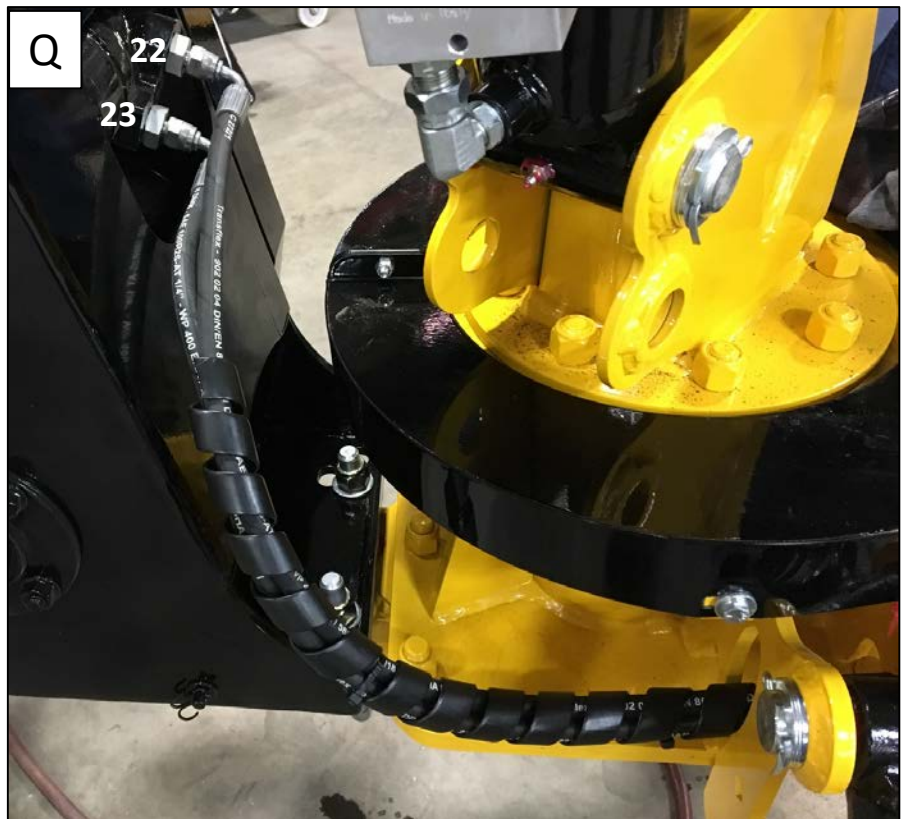
Adding a winch 750 on a RF-410

14- Install the winch, the pulley guide towards the back of the machine. Put the base of the winch towards the log loader's base (P) then screw the U bolts with a 1 1/6 socket.



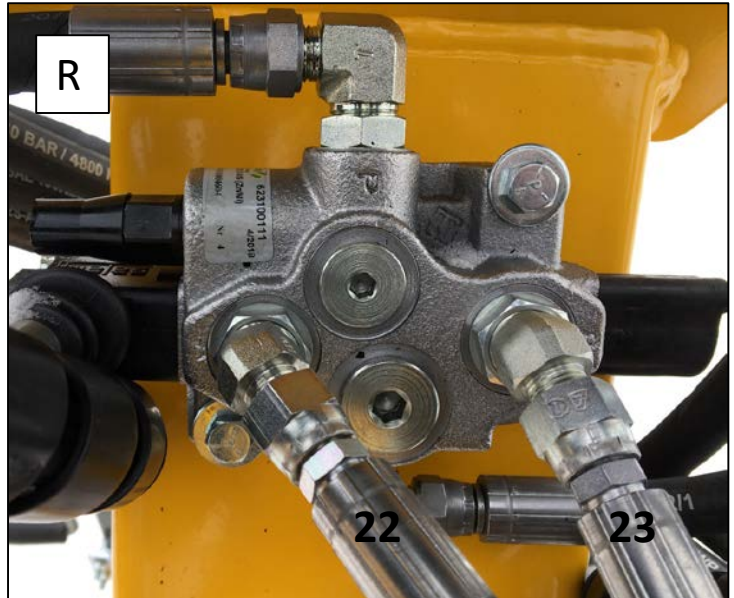
15- Install the elbow side provided hoses, to the hydraulic motor of the winch. The #22 hose goes to the top fitting and the #23 hose goes to the bottom fitting.

Well attach with Ty-Rap. Install the provided hose protector (spiral guard) as showed (Q) and pass the hoses through the hole under the mast until the option valve.



Adding a winch 750 on a RF-410

16- Connect the hoses from the winch to the option valve. The #22 goes to the left and the #23 to the right (R). Once the fittings tightened, finish to tighten the fittings of the valve as illustrated (R).



Here is the way the hoses go until the option valve.



Needed tools:

- Wrenches 1 1/16, 7/8, 3/4, 11/16, 9/16 et 1/2;
- Sockets 1 1/16, 1/2;
- Sockets Allen 8 mm (or 5/16), 6 mm (or 7/32) and 4 mm (or 5/32);
- Cutter pliers;
- Tape measure.

Required time:

- 60 minutes