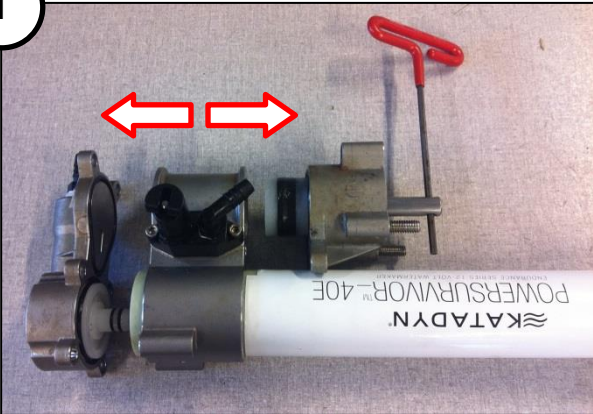
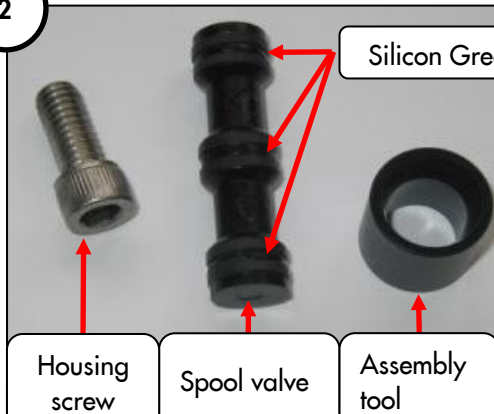


1



Disassemble the Power Survivor according to chapter "Seal Replacement" in the manual.

2

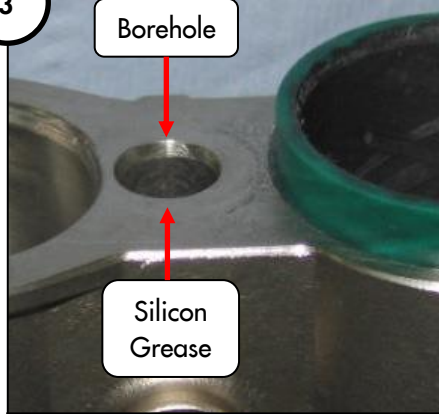


Housing screw
Spool valve
Assembly tool

Silicon Grease

Prepare the spare parts and grease the spool valve seals.

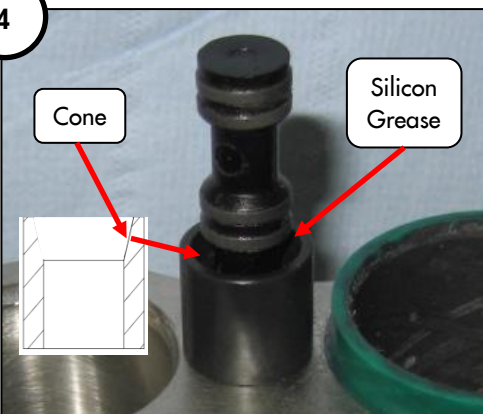
3



Borehole
Silicon Grease

Lightly grease the borehole before inserting the spool valve.

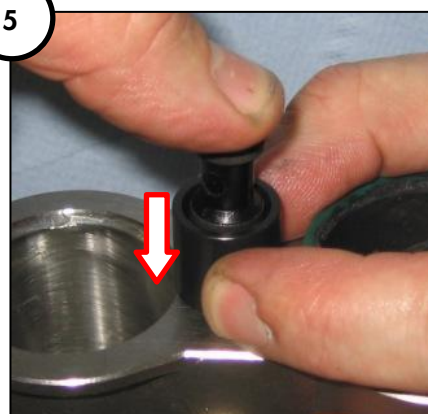
4



Cone
Silicon Grease

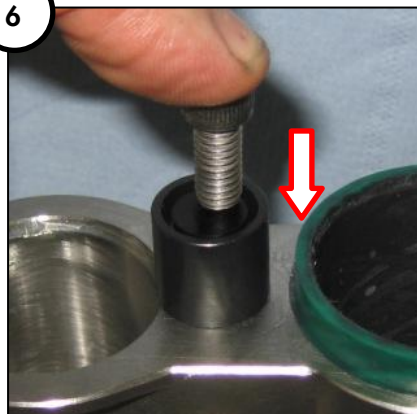
Place the assembly tool over the borehole with the cone-shaped taper on top.

5



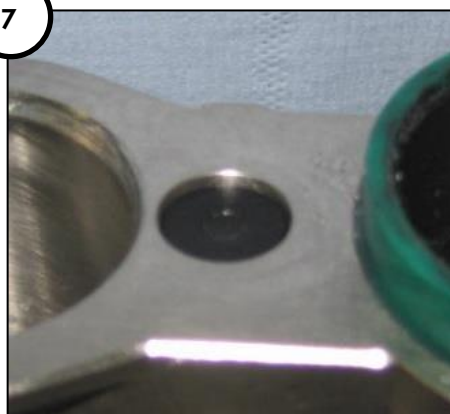
Press the spool valve by hand into the borehole.

6



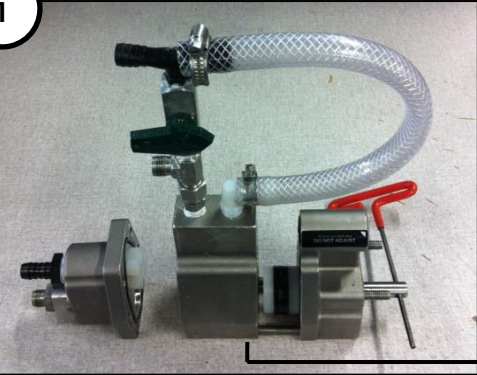
Use the screw as an extension to press the spool valve completely into the borehole.

7



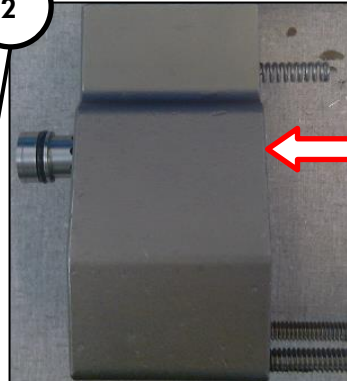
The repair is complete when the spool valve is entirely inside the housing.

1



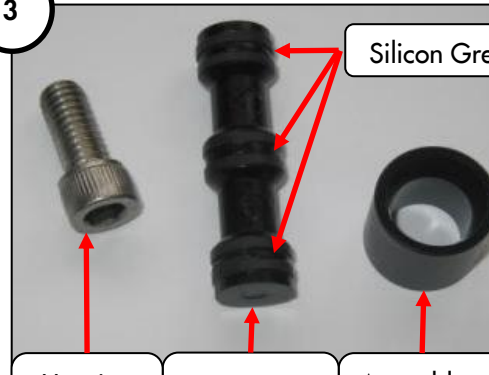
Disassemble the Power Survivor according to chapter "Seal Replacement" in the manual.

2



Push the valve sleeve out of the housing. It's very stiff!

3

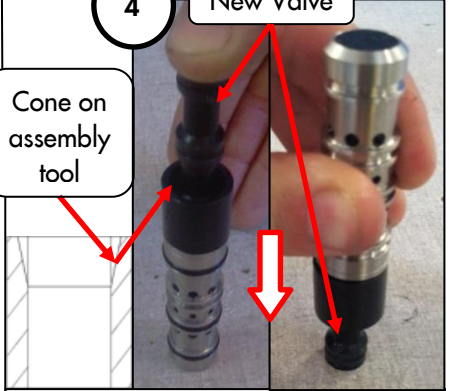


Housing screw Spool valve Assembly tool

Silicon Grease

Prepare the spare parts and grease the spool valve seals.

4



New Valve

Cone on assembly tool

Place the valve sleeve with the cone end to a table and push the spool valve through the assembly tool into the sleeve.

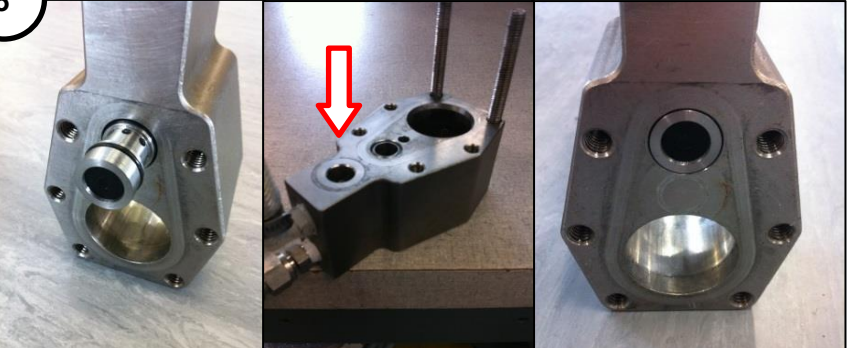
5



Silicon Grease

Remove the old spool valve from the sleeve.
Push the new spool valve (with a housing screw) completely into the valve sleeve.
Grease the O-Rings.

6



Push the valve sleeve by hand into the pump housing until it goes stiff. Turn the assembly on a flat ground and push down until the spool valve is flush to the pump housing.
ATTENTION: Pushing the valve sleeve too far might damage the O-Rings.