



SERVICE BULLETIN NZ SB121

To: Snorkel Dealers

Attention: Service Managers

Units affected: ALL SR2770's built between Aug 2001 and Aug 2002

This Bulletin is to inform you of a field modification that is required on some SR2770 units.

Due to reports of Drive problems on these units a change is required to the valving in the Drive Manifold.

It has been determined that two of the solenoid valves and the two Flow divider/combiners used may be leading to problems when selecting the "high drive" mode. These valves can also cause "pressure spikes" which can lead to O'ring failures on the hydraulic drive motors.

Older SR2770 units may also require this modification if they have had these problems with the drive mode.

The change consists of replacing two Flow Divider/Combiners and two Solenoid valves.

Refer to the installation procedure attached to this bulletin for detailed instructions on how to carry out the modification.

Reimbursement: One hour of labour per machine will be allowed for the installation of the new valves. The parts will be supplied free of charge.

To receive warranty credit you must file a warranty claim form for each unit being modified. Please list one unit per claim form. The faulty parts must also be returned along with the claim form, Credit will only be issued upon receipt of these items.

Installation procedure for replacement Drive valves.

- **Park the machine on firm level ground. Raise the scissor and put the safety prop in place. Place a suitable drip tray under the rear axle to catch any oil split.**
- **Remove the sheet metal cover at the rear of the machine to gain access to the Drive Manifold.**
- **Remove the valves as shown [refer to the picture attached] and replace with the valves supplied.**

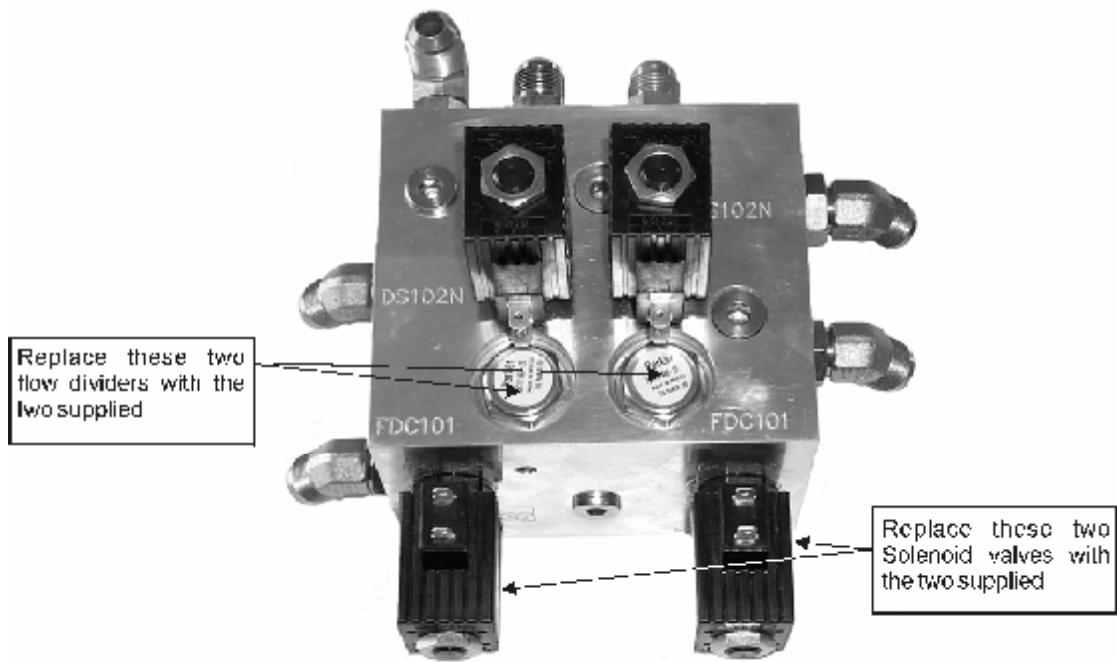
Note the following

To minimize the amount of oil spilt, replace one valve at a time.

The coils must remain attached to the solenoid valve whilst these valves are installed as it is not possible to fit the coils once the valve is in place.

Do not over-tighten the valves, the correct torque setting is 22N.m [180In/lbs].

- **Once the valves are fitted, operate the drive function and check for oil leaks before replacing the cover and returning the machine to service.**



This picture shows which valves on the manifold need to be changed.