

YCCH193 Internal cover o-ring replacement

Refer to drawing labeled Drawing number one for o-ring part numbers and location.

At no time during this procedure REMOVE THE LOCKING NUT ON SLIDE VALVE SPINDLE. Removing the locking nut without proper tools will cause damage to the compressor. This procedure does NOT require the removal of the LOCKING NUT.

1. Remove refrigerant from unit and drain oil from slide valve cylinder.
2. See attached drawing for o-rings needing replaced. Discard all used o-rings and lubricate all new o-rings with clean refrigeration oil prior to installing.
3. Disconnect SV indicator pot and remove cylinder cover. Pull cover straight outwards to prevent damage to the slide valve indicator rod.
4. Remove cap bolts attaching the slide valve cylinder to the balance piston cover. Remove balance piston cover. The balance piston cover is bolted to the suction housing.
5. **DO NOT REMOVE LOCKING NUT ON SPINDLE. Removing the locking nut without proper tools will cause damage to the compressor.**
6. Insert 12mm threaded rods in the face of the slide valve piston and pull. By pulling on the slide valve piston, the internal cylinder cover will be pulled from the suction housing. In the event that the internal cover does not move, there are jacking bolt holes on the internal cylinder cover to be used to push the cover away from the suction housing.
7. The inboard o-ring of the internal cylinder cover can be stretched over the internal cover and placed in the o-ring groove.

8. When re-installing the internal cylinder cover take care and observe the inboard o-ring enters the suction housing smoothly.

9. Reverse the disassembly procedure to reinstall remaining components.

