



Included in Seal Kit:

Description	Qty.
- Scraper Rings	2
- Seals	2
- Guide Rings	4
- Orings	2
- Set Screws	3
- Allen Key	1

JACK SIZE	SEAL KIT #
ST50-2S	SP-520325
ST63-2S	SP-530325
ST70-2S	SP-540325
ST85-2S	SP-550325

**SEAL KITS & SEAL ARRANGEMENT
FOR TELESCOPIC JACKS**

Data Sheet 5.18
May 24 2006
205005



SCOPE: HYDRAULICALLY SYNCRONIZED TELESCOPIC JACKS (HST)

IMPORTANT NOTES

1. Two mechanics must be present at all times when changing seals, one fully qualified elevator mechanic and one mechanic helper.
2. The following instructions are a guide only. It is the responsibility of the mechanics to perform this procedure safely.
3. Pressure must be evacuated from the system prior to changing seals.
4. Adequate blocking or suspension of car shall be made to ensure a safe work place.
5. Note: The piston seal is not included in the seal kit, if your re-synchronizing valve has been refurbished and needs to be installed the second stage piston must be removed from cylinder.

INSTRUCTIONS

STEP 1

Inspect piston (ram) for any damage, scratches, score marks or slight nicks. The damage must be removed prior to changing seals, using a 12" smooth flat file, 180 and 240 grit emery cloth. Bad damage can be removed using file on a 45 degree angle to the center line of piston, finish the surface with emery cloth.

STEP 2

Block or suspend car making a safe work place. Locate the car in a convenient location for changing seals.

STEP 3

Disconnect the piston from the car and lower the piston from the car using manual lowering until piston is fully collapsed.

STEP 4

Remove pressure from the system by pressing the manual down valve.

STEP 5

Loosen CCW the first stage gland using a pin wrench. Remove the gland. A band wrench may be used to keep the piston from turning.

NOTE: Some jacks have glands that are equipped with a small setscrew. If equipped this setscrew MUST be removed or severe damage may result.

STEP 6

Remove the first stage piston and remove the guide ring.

STEP 7

Loosen CCW the second stage gland using a pin wrench. Remove the gland.

NOTE: Some jacks have glands that are equipped with a small set screw. If equipped this setscrew MUST be removed or severe damage may result.

(see the Accessories & Components section for pin wrench description)

SEAL REPLACEMENT PROCEDURE TELESCOPIC JACKS

Data Sheet 5.19

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