



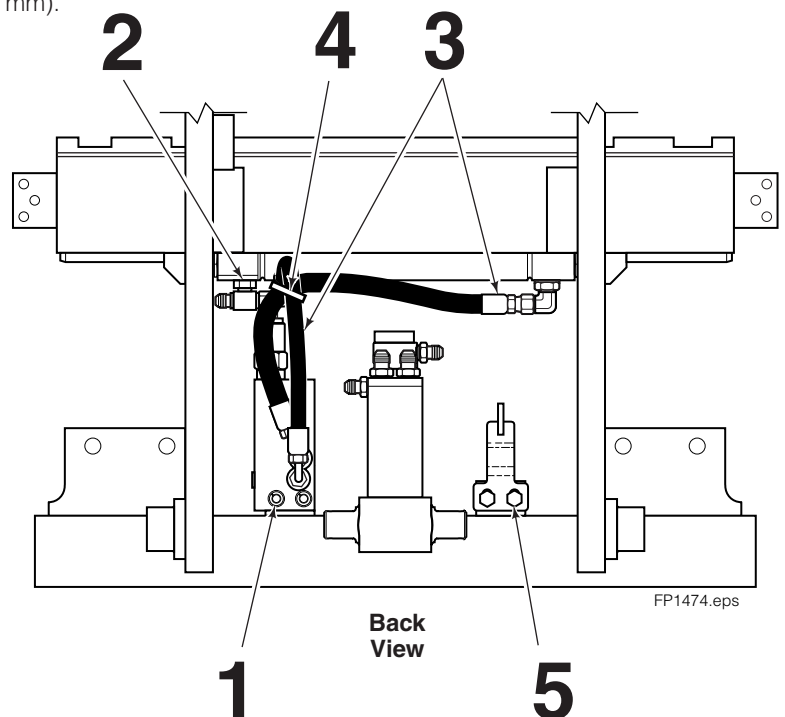
Installation Instructions

Sequence Valve Installation Kits

This sheet provides installation instructions for Cascade Sequence Valve Installation Kits. Each kit provides hoses, tubes and sequence valve to connect the hydraulic system of a K-Series Sideshifting Fork Positioner to the reeving supply hoses on a lift truck carriage.

Installation Kit 6085112

- 1 Install the sequence valve to the left hand lower carriage bar bracket with M8 sockethead capscrews and lockwashers. Tighten the capscrews to 15 ft.-lbs. (19 mm).
- 2 Install the tee fitting to the left hand sideshift cylinder port.
- 3 Connect hoses from the back of the sequence valve to the sideshift cylinder fittings. The hose with two 90° ends connects to the tee fitting.
- 4 Install a cable tie to secure the hoses.
- 5 Install the anchor bracket to the right hand lower carriage bar bracket using M8 hexhead capscrews and lockwashers. Tighten the capscrews to 15 ft.-lbs. (19 mm).



Part No. 6086075

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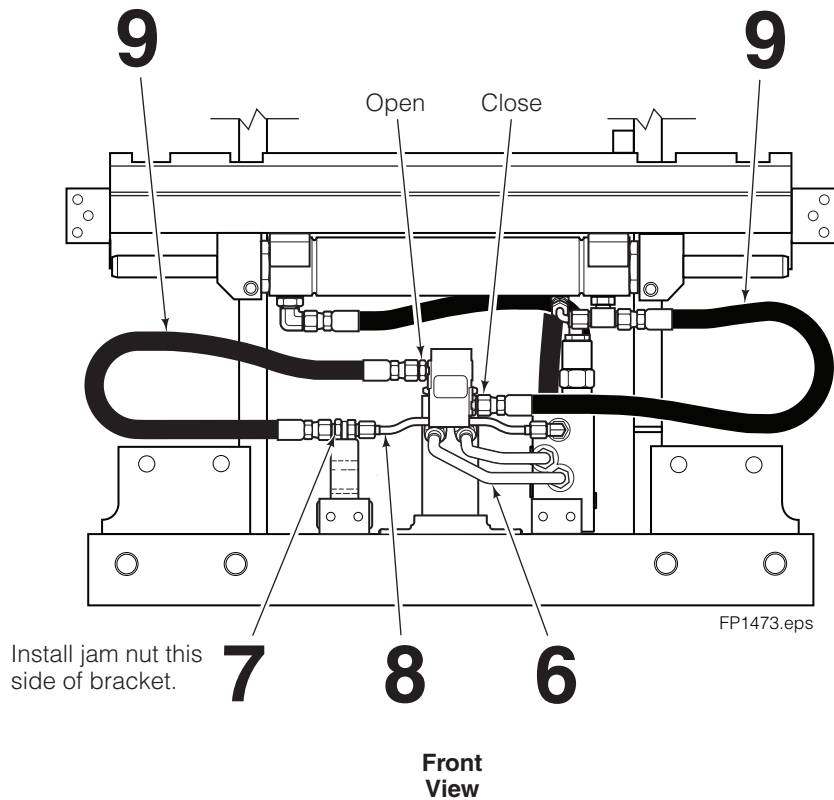
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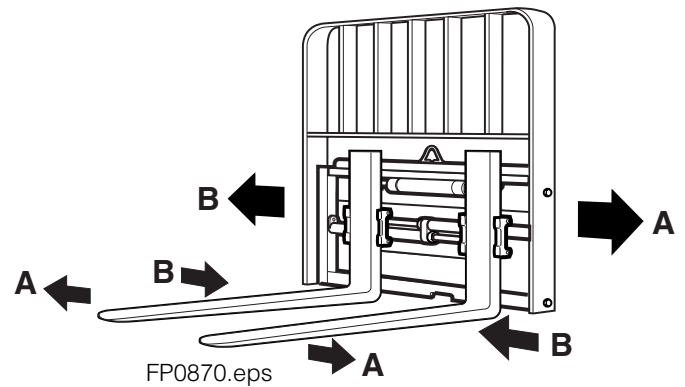
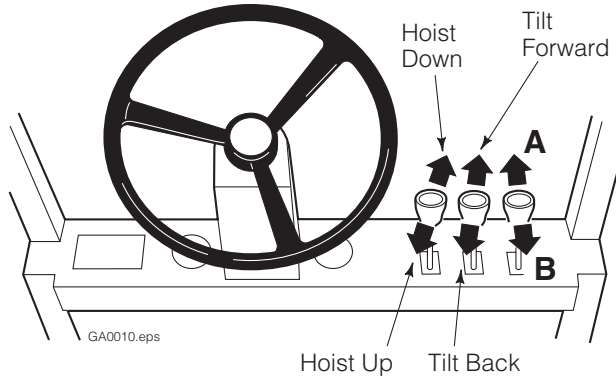
Installation Kit 6085112 (continued)

- 6** Install the large diameter tubes from the sequence valve to the internal reeving supply fittings.
- 7** Install the bulkhead straight fitting to the anchor bracket. Install with the jam nut on the outward side of the bracket.
- 8** Install the small diameter tube from the top sequence valve port to the anchor bracket bulkhead fitting.
- 9** Install hoses to the fork positioner manifold. During sideshifting, the hoses must track smoothly without binding.



Operation

- Sideshift left and right several times.
- Engage the fork position function by sideshifting completely to one side. To the left engages open forks, to the right engages close forks. Open and close the forks several times.
- Check for operation in accordance with ANSI standards shown below.
- Check for leaks at the fittings, valve and cylinders.



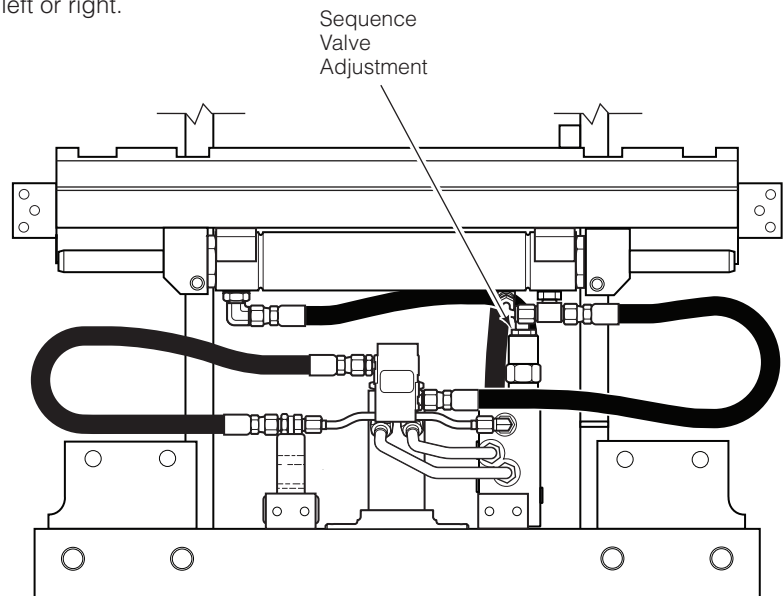
SIDESHIFT and SEQUENCE ACTIVATED FORK POSITIONING

- A** Sideshift Left – Forks Out
- B** Sideshift Right – Forks In

Sequence Valve Adjustment

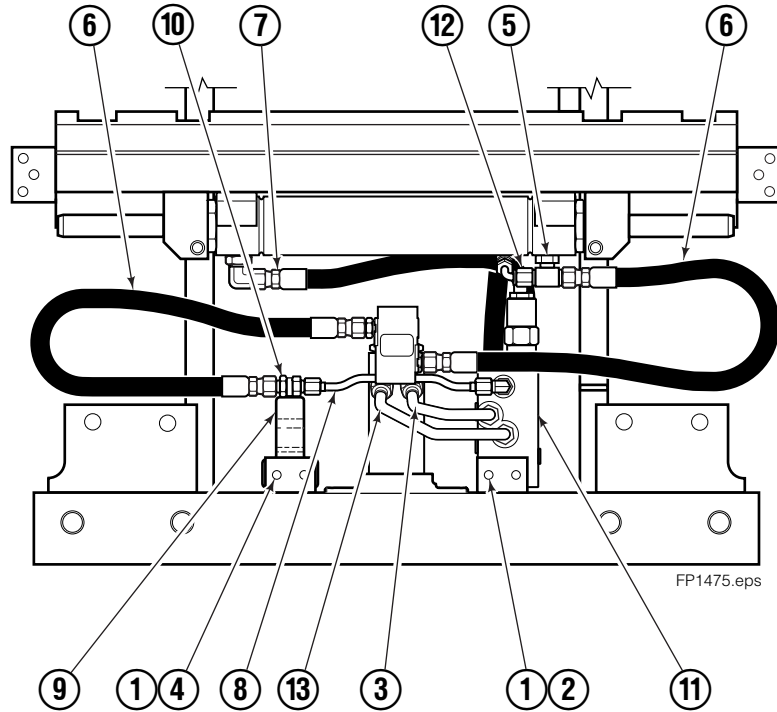
The sequence valve is adjusted at the factory and should not require adjustment for installation.

- If adjustment is required, adjust the sequence valve by turning the screw in fully (CW). Turn the screw out (CCW) in 1/2 turn increments and test for fork movement. The forks should move only after sideshifting all the way left or right.



Parts List

Installation Kit 6085112

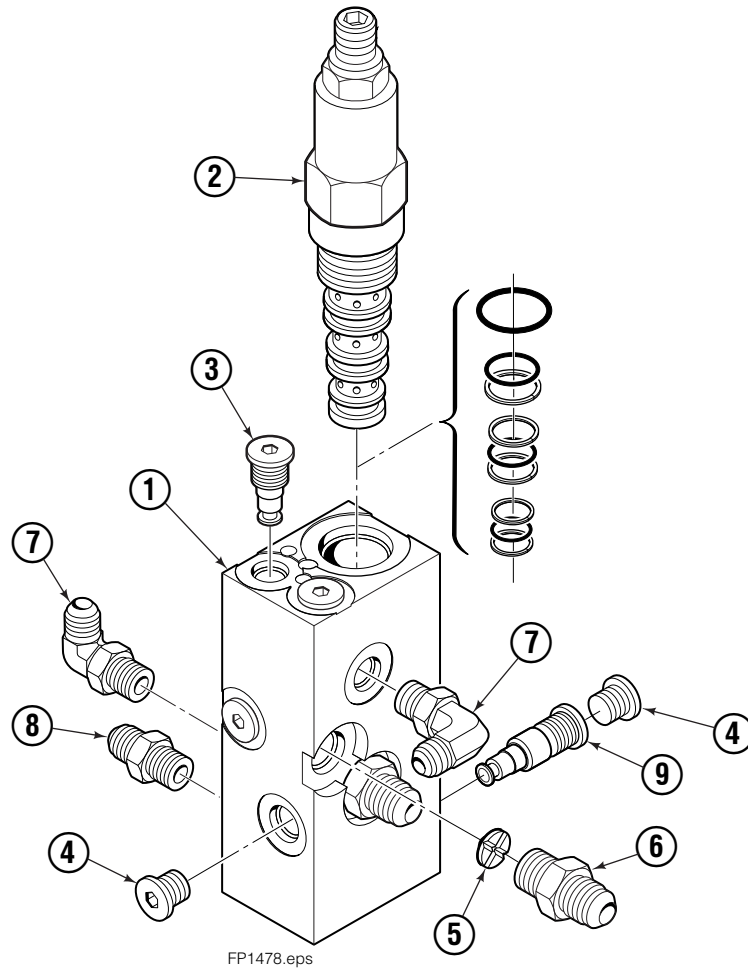


REF	QTY	PART NO.	DESCRIPTION
		6085112	Installation Kit
1	4	787384	Lockwasher, M8
2	2	768796	Capscrew, M8 x 35
3	1	6083687	Tube
4	2	767961	Capscrew, M8 x 16
5	1	6050638	Fitting, 6-4
6	2	6050405	Hose, 22.0 in.
7	1	6083572	Hose, 16.4 in.
8	1	6085123	Tube
9	1	6083697	Anchor Bracket
10	1	2373	Fitting, 4-4
11	1	6084957	Sequence Valve ●
12	1	6085086	Hose, 11.8 in.
13	1	6085128	Tube
14	1	200343	Cable Tie (not shown)

● See Valve page for parts breakdown.

Parts List

Sequence Valve



REF	QTY	PART NO.	DESCRIPTION
		6084957	Sequence Valve
1	1	6084958	Valve Body
2	1	6092633	Sequence Cartridge
3	2	220869	Check Valve
4	3	609234	Fitting, 4
5	2	564226	Restrictor Washer
6	2	604511	Fitting, 6-6
7	2	617917	Fitting, 4-4
8	1	617915	Fitting, 4-4
9	1	220865	Shuttle Valve

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