

Installation Instructions

Hydraulic Quick Disconnect Coupling Kit 671045

Quick Disconnect Coupling Kit 671045 allows a fast and convenient way to connect and disconnect hydraulic hoses to lift truck attachments.

- * If a Lift Tek Hydraulic Installation Kit is being used to plumb the attachment, no additional parts will be required to install the coupling kit.
- * If a Lift Tek Hydraulic Installation Kit is not being used, additional parts will be required. See the list on the back of this sheet.

Determine the length of hose required between the truck junction block/hose terminal and the attachment valve. The hose routing must avoid areas where the hoses can be pinched or kinked.

NOTE: Quick disconnect couplings are approximately 5 in. long. Take this into account when determining hose length.

Remove the fittings or plugs at the junction block/hose terminal. If the junction block is equipped with ball checks, remove and discard the springs, balls and ball spacers.

Clean the parts to be assembled with solvent.

Assemble the hoses and fittings as shown.

NOTE: Fittings are supplied to connect the quick disconnect couplings to:

No. 6/ No. 8 attachment valve

AND

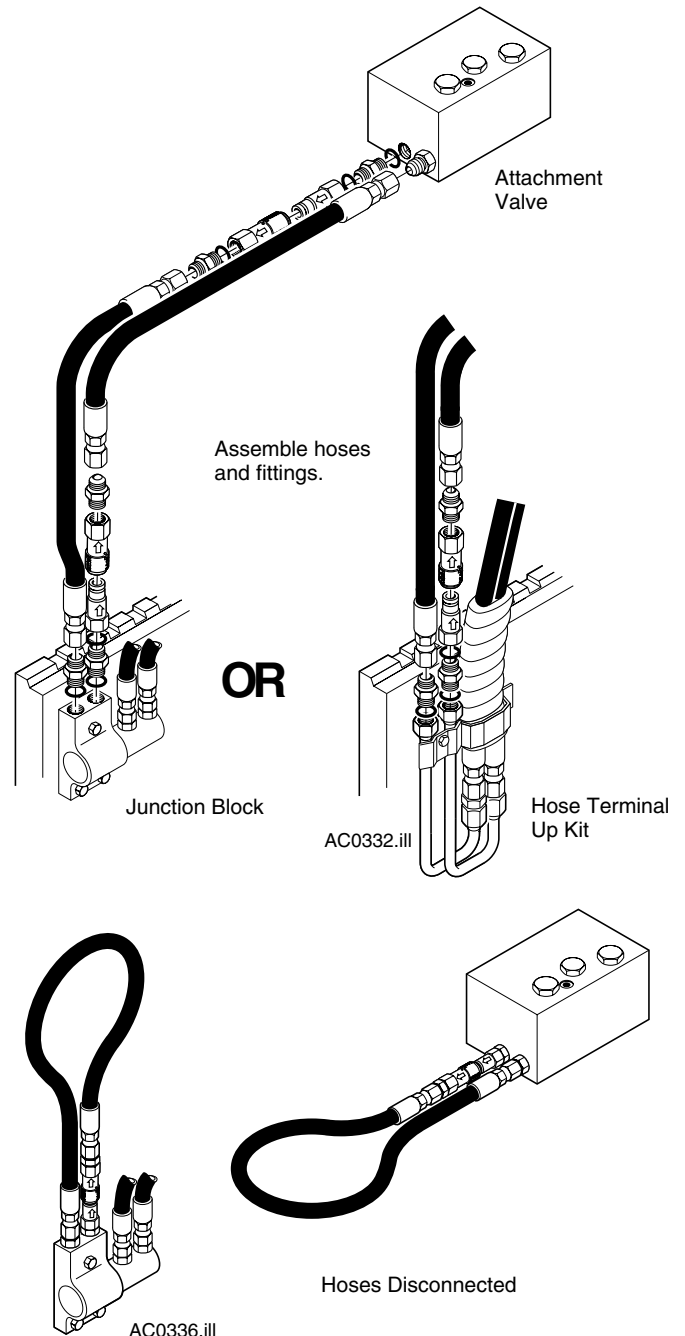
No. 8 only junction block

OR

No. 6/ No. 8 hose terminal up kit

If the No. 8 O-ring/No. 8 JIC connectors are used, install the O-ring supplied to the JIC fitting side when the JIC side connects to the quick disconnect coupling.

When hoses are disconnected, attach the loose ends back to the junction block/hose terminal or valve as shown. This reduces the chances of contamination entering the hydraulic system.



Part No. 671422-R5

For Technical Support . . .

Call: 1-888-946-3330

OR

Write: Lift Technologies, 7040 South Highway 11, Westminster, S.C. 29693

LIFT-TEK
ELECAR MASTS
Lift Technologies

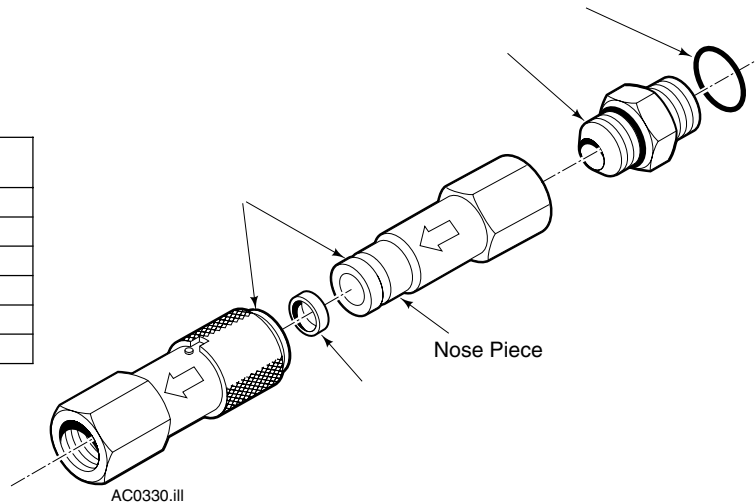
Parts required for single function attachment installation	Parts required for double function attachment installation
2 No. 8 SAE 100R5 Rubber covered hoses with No. 8 female reusable fittings. 2 No. 8 O-ring - No. 8 JIC male connectors. *2 No. 8 JIC - No. 8 JIC male connectors. *2 No. 8 O-ring - No. 6 JIC male connectors.	2 No. 8 SAE 100R5 Rubber covered hoses with No. 8 female reusable fittings. 2 No. 6 SAE 100R5 Rubber covered hoses with No. 6 female reusable fittings. 2 No. 8 O-ring - No. 8 JIC male connectors. 2 No. 8 O-ring - No. 6 JIC male connectors. *2 No. 8 JIC - No. 8 JIC male connectors. *2 No. 6 JIC - No. 6 JIC male connectors. *2 No. 8 JIC - No. 6 JIC male connectors.

* As required for connection to a No. 6 or No. 8 ported junction block/hose terminal up kit.

Replacement Parts

REF	QTY	PART NO.	DESCRIPTION
		671045	Q.D. Coupling Kit
1	2	671243	Q.D. Coupling, 8-8
2	2	601377	Fitting, 8-8
	2	611288	Fitting, 8-6
3	2	2841	O-Ring
4	1	689171	Nose Piece Seal Service Kit

Use with fitting 601377 only.



Nose Piece Seal Replacement

Wash the nose piece in cleaning solvent or kerosene and blow dry.

Use a screwdriver to push the poppet in until it stops. Open a standard paper clip or use a similar wire to insert between the poppet O.D. and nose piece I.D.

Remove the old seals. **CAUTION:** Do not scratch the seal groove.

Clean the seal groove.

Lubricate the new seal with hydraulic oil. Fold the seal in a "U" shape and install into the seal groove.

Push the poppet in and reposition the paper clip to allow the remaining portion of the seal to be worked into the groove. **CAUTION:** Do not damage the seal inside diameter.

Push the poppet in and remove the paper clip. Slowly release the poppet.

If the poppet does not close completely, insert a screwdriver or small rod in the fitting end of the nose piece to manually close the poppet and seat the seal.

Test the coupler assembly at 2000 psi hydraulic pressure. No leakage is allowable.

