

Issued: 30 JAN 2004

**KI-175 D679-3, -4 CYLINDER ASSEMBLY INSTALLATION KIT**

(use when replacing D679-1 cylinder assembly with D679-3 or -4)

**KIT CONTENTS:**

2 each	AN735-3	clamp
2 each	C130-26	spacer
1 each	D761-1	support
1 each	D761-2	cover
1 each	KI-175instr	installation instructions
2 each	MS21042L3	nut
2 each	MS21042L08	nut
4 each	MS27039C0805	screw
2 each	MS27039C0806	screw
2 each	MS27039C1-12	screw
2 each	MS3367-4-9	Ty-Rap
4 each	NAS1149F0332P	washer
2 each	NAS1149FN816P	washer

INSTRUCTIONS: (refer to Figure 1)

**WARNING**

Cylinder contents are under extreme pressure. MT545-1 safety pin must be installed in valve assembly during transport, installation and while making adjustments.

1. Verify kit contents match above list. Contact RHC if any parts are missing or damaged.
2. If installed, remove old cylinder per R44 Maintenance Manual (MM) section 5.660.
3. Ensure cylinder's three forward underseat contact areas are covered with anti-chafe tape.
4. Carefully position cylinder into D669 strap and D669 cradle per R44 MM Figure 5-6.
5. Install D761-1 support on cylinder valve with two MS27039C0805 screws.
6. Attach cable housing to D761-1 support with two AN735-3 clamps, two C130-26 spacers, two MS27039C1-12 screws, four NAS1149F0332P washers (under spacer and nut, two places), and two MS21042L3 nuts. Verify 0.200 inch dimension between cable housing and clamp.
7. Attach D676-1 cable to cylinder valve trigger with one MS3367-4-9 Ty-Rap positioned as shown.
8. Install D761-2 cover using two MS27039C0805 screws, two MS27039C0806 screws, two NAS1149FN816P washers, and two MS21042L08 nuts.

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9. Rotate cylinder as required to minimize cable bending and ensure clearance with surrounding structure. Install D669-3 strap.
10. Connect D674-1 hose assembly to valve fitting. Orient hose as required to maintain minimum 0.25 inch clearance to cylinder and C390-5 panel. Torque B-nut per R44 MM Section 1.330 and torque stripe.

