



# Body Mount Remote Uncoupler Kit Installation (830 / 906)

## COUPLER ASSEMBLY:

Assemble and mount couplers using the S thru G-Scale MAGNE-MATIC® Body Mount Couplers Instructions. Be sure you use the Kadee® Coupler Height Gauge to check for the correct coupler height and trip pin clearance & coupler function.

Before Installation follow the Quick Start Guide & Bind Receiver to Transmitter. Read the entire Installation Instructions before proceeding.

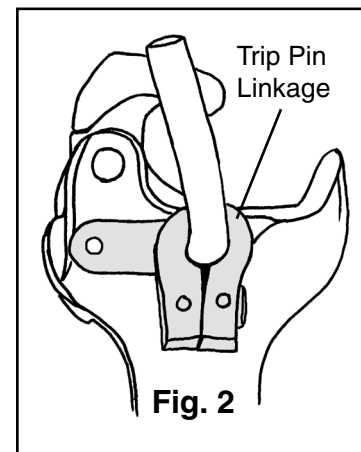


Fig. 2

## INSTALLATION:

**1)** With trucks removed, drill 9/64 (3.5mm) hole through back hole of gearboxes and through floor. see **Fig. 1**

**2)** Mount trip pin linkage onto coupler trip pins. see **Fig. 2**

**3)** Mount gearbox linkages through gearbox and floor. (Use washer/s [supplied on linkage assembly sprue] between the deck top & linkage arm to take up any vertical slack.) see **Fig. 3a & 3b**

**4)** Remove lower link arm, attach trip pin link rod(s), and reattach lower link arm. Securing lower link arm with screw. see **Fig. 4**

**5)** Replace trucks.

**6)** Assemble servo in the servo tray. By passing wires through cutouts in side of servo tray, inserting servo in servo tray, folding wings over and securing with screws. see **Fig. 5a**

**7)** Mount servo in desired position, with servo actuator aligned near the center line of the floor. Mount with double sided tape or screws. see **Fig. 5b** (Clean both surfaces with alcohol wipe if using double sided tape.)

**8)** Attach upper link rod to center hole on Upper Link Arm. see **Fig. 6**

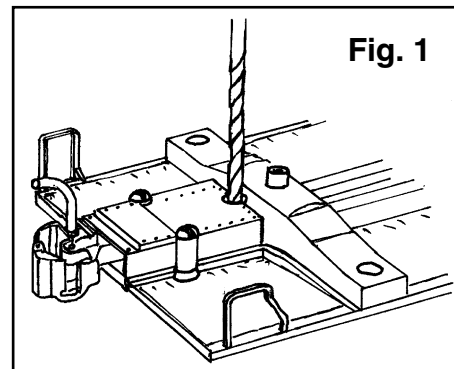


Fig. 1

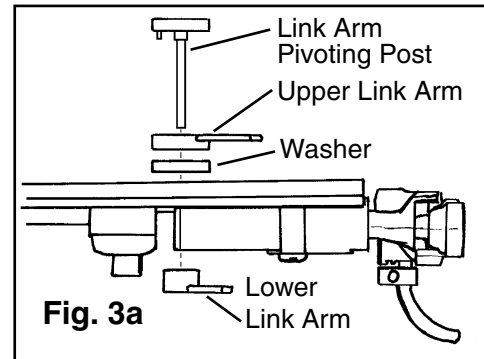


Fig. 3a

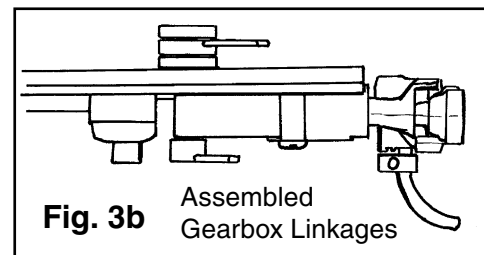


Fig. 3b

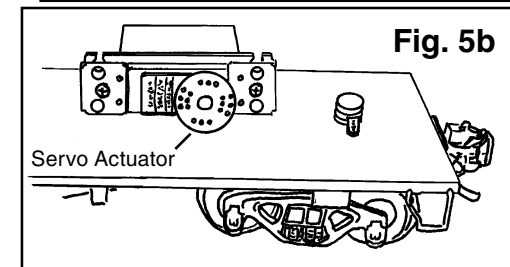


Fig. 5b

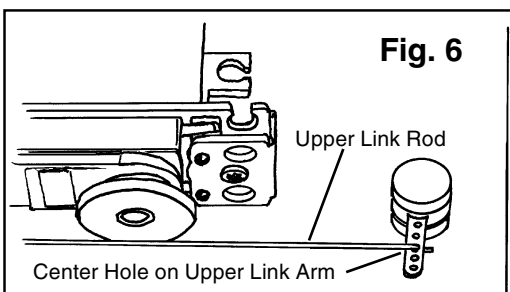


Fig. 6

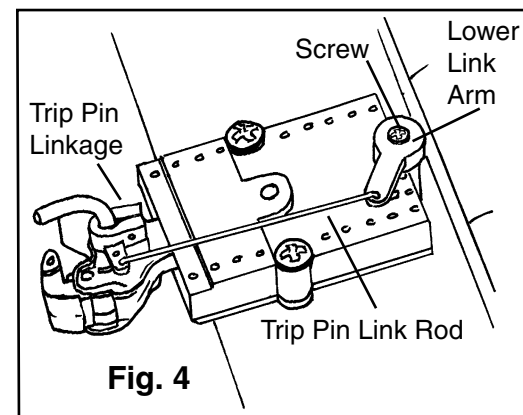


Fig. 4

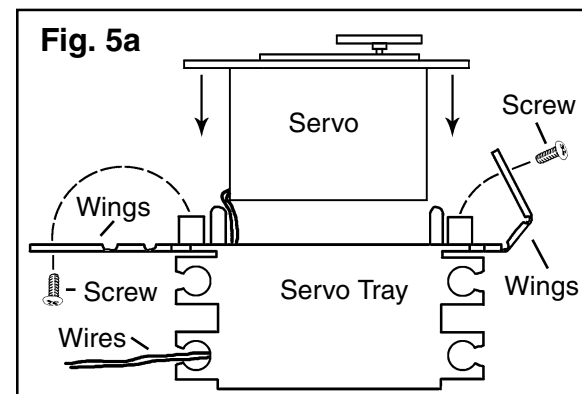


Fig. 5a

**9)** Pull upper link rod until coupler is completely open. Mark and cut upper link rod at servo actuator. see **Fig. 7**

**10)** Repeat steps 8 & 9 for 2nd link rod.

**11)** Feed upper link rods through servo linkages until upper link rod just passes through servo linkages. see **Fig. 8**

**12)** Snug link rod screws until upper link rods are not loose but still can be slid by hand.

**13)** Using the Kadee® transmitter, rotate the servo clockwise. (Refer to Quick Start Guide if needed)

**14)** Attach servo linkages to servo actuator and reposition if needed, as shown. see **Fig. 9**

**15)** Using the Kadee® transmitter, rotate the servo counter clockwise.

**16)** Adjust upper link rods until coupler knuckle opens completely and coupler moves slightly. see **Fig. 10**

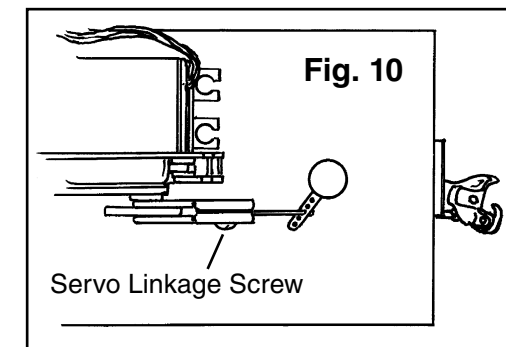


Fig. 10

**17)** Using the Kadee® transmitter, operate couplers and make fine adjustment as necessary.

**18)** Tighten servo linkage screws 1/8 turn to lock link rod position. see **Fig. 10**

**19)** To complete installation, mount battery pack and receiver in desired location with double sided tape. (Clean both surfaces with alcohol wipe when using double sided tape.)

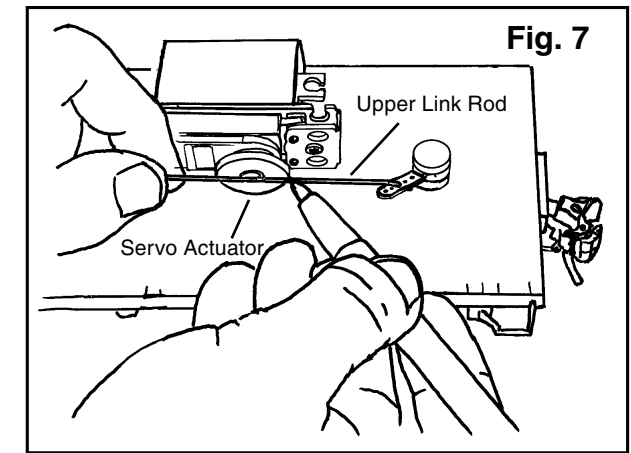


Fig. 7

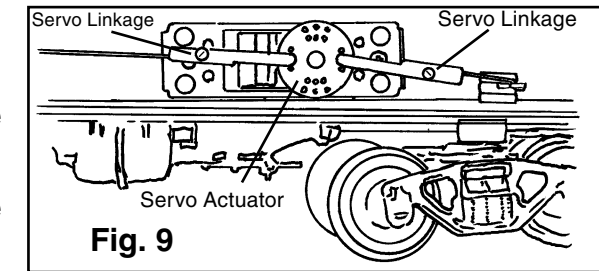


Fig. 9

Check that the servo function indicator indicates when the coupler(s) are in their open position. If necessary, hold the [\*] Key for five seconds to reverse the servo function indicator.

Note: Online technical support can be found at [www.remoteuncoupling.com/html/support.htm](http://www.remoteuncoupling.com/html/support.htm) Please use our online technical support page for Tips, Tricks, & Troubleshooting Help.

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