

## SUSPENSION KITS

### NO. 16300, 16305, 16310, 16315, 16400, 16405, 16410 & 16415 BALANCE-AIR® TROLLEY ASSEMBLIES FOR ENCLOSED RAIL

## WARNING

The trolleys are designed to operate in ZIMMERMAN 30000 Series Enclosed Rails with impact absorbing end stops or equivalent rail Systems only. DO NOT ALTER TROLLEYS to fit other rails.

### Assembly of Suspension Kits:

1. Place Balancer on clean sturdy work surface.
2. Insert two (2) No.72626 screws through one (1) No.17110 or No.17215 bracket and slide one (1) No. 30073 spacer onto each bolt. (Figure 1)
3. Slide Trolley Assembly onto the (2) screws and slide (1) spacer onto each screw. (Figure 2)
4. Slide second bracket onto screws. Install (1) No. 75587 prevailing torque locknut onto each screw. Hand tighten nuts at this time. (Figure 3)
5. Insert two (2) No.17025 bushings into lugs on Balancer Housing.
6. Position Trolley Assembly so that the brackets straddle the housing lugs. Insert (2) No.17047 screws through brackets and bushings and thread (2) No.17060 plastic insert locknuts onto screws. (Figure 4)

### KIT INCLUDES:

- 1 - Trolley Assembly
- 2 - 17110 or 17215 Trolley Bracket
- 2 - 72626 Screw-5/8-11 x 3.00 Hex
- 4 - 30073 Spacer
- 2 - 75587 Nut-5/8-11-Lock
- 2 - 17025 Bushing.
- 2 - 17047 Screw-9/16-18 x 3.00 Hex
- 2 - 17060 Nut-9/16-18-Lock

### Mounting Balancer to Rail:

7. Slide Balancer Trolley into rail and SECURE END STOPS.
8. TIGHTEN all four (4) nuts on trolley assembly.

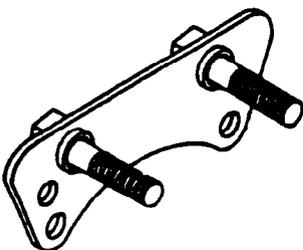


Figure 1

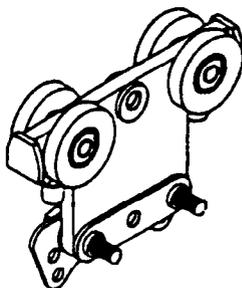


Figure 2

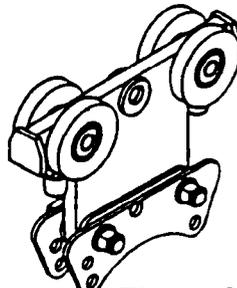


Figure 3

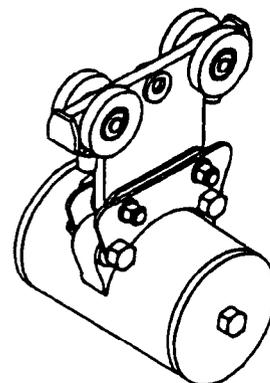


Figure 4