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## **#540 INSTANTANEOUS SAFETY INSTALLATION AND ADJUSTMENT INSTRUCTIONS**

### **PROCEDURE:**

1. After bolting the safety blocks to the underside of the car sling bottom channels, center the safety on the guide rails. There should be approximately 1/8" clearance between the side of the rail and the face of the grip. Also, the inside edge of the grip should be approximately 1/4" back from the face of the rail.
2. Due to motion lag, the linkage must be adjusted to advance the grips (on opposite side of the governor) to contact the rail before the grips on the governor side. To accomplish this advancement:
  - a. Set all four grips to engage the rail at the same instant.
  - b. Remove the pin (A) and thread the yoke (B) one full turn toward the governor side of the car. Re-insert the pin (A).
3. To ensure proper operation of the safety, the guide rails must be clean, dry, and free of rust. If guide rail lubrication is required, Nylube Rail Care 45™ or a light coat of Nylube Rail Lube™ may be used. Rail Lube™ is available from Hollister-Whitney. DO NOT use any other type of lubricant on guide rails with 540 instantaneous safeties.

### **NOTE: NO SAFETY LUBRICATION REQUIRED.**

