

TECHNICAL SERVICE BULLETIN RAFNA RAILGEAR

FASTENERS FOR R-290 & R-450 RAILGEAR FRONT MOUNTING PLATES R-2989R/L & R-4905R/L

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HAZARD / URGENCY RATING	
	DANGER – Injury or death possible if TSB not observed or followed
	WARNING – Equipment damage possible if TSB not observed or followed
	CAUTION – Essential issue affecting operation, service, parts or installation
X	INFORMATIONAL – Advisory which may be of interest

APPLICABLE EQUIPMENT:

All 2005 Ford F-250/350 with R-290 railgear and all 2005 Ford F-450/550 with R-450 VF railgear.

SUMMARY:

For the original version of the front mounting kits, the mounting holes on the sides of the front mounting plates are 3/4" in diameter but are supplied with 1/2" fasteners. If this is the case, 5/8" fasteners should be used in place of the 1/2" fasteners.

IMPACT:

The larger 5/8" fasteners should be used to ensure that the mounting plates are fixed firmly to the vehicle frame to prevent damage to the mounting plates or vehicle frame and to ensure that the mounting plates are securely fastened to the vehicle frame. Using undersized fasteners does not create an effective joint between the mounting plates and the vehicle frame.

ACTION:

Discard four of the 1/2" bolts, eight of the 1/2" washers and four of the 1/2" nuts supplied with the front mounting kit. To install the front mounting plates, use four 5/8" x 2.5" long Gr. 8 bolts, eight 5/8" washers and four 5/8" Gr. 8 nuts for the two side mounting holes of each mounting plate. Torque the 5/8" fasteners to 150 ft-lbs dry. Do not over torque.