



# FARFABBRI S.R.L.

MANUFACTURERS OF AMUSEMENT RIDES

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C F e P IVA 00724000294

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## SERVICE BULLETIN

**RIDE:** Ranger (aka Kamikaze, Hi-Flyer, Phoenix)      **DATE:** April 12, 1994

**SUBJECT:** VEHICLE, COLUMN, TOWER BOLTS      **BULLETIN #:** FR034

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FarFabbri, s.r.l. has determined that it is necessary to conduct an annual test on these bolts. Some have been found to have cracks near the head of the bolt, mainly due to improper tightening techniques. You are now required to test these bolts by X-ray or ultrasound, and replace any that show signs of cracks or fatigue.

A copy of the test certificate must be mailed to our office before June 1st of each year. This certificate will also become part of any inspection that may be performed on your ride by any Local, State, or Federal inspection agency. This bulletin is being sent to all inspection agencies on our mailing list.

Replacement bolts can be purchased from local suppliers or from Preston Amusements. If you have any questions, contact Preston Amusements at P.O. Box 328, Alvarado, Texas 76009 or by phone at 800-545-0667 or by fax at 817-783-3358.

### CHART OF BOLT SIZES AND TYPES

USE	SIZE (METRIC)	PRE 1991	LATER
VEHICLE	39 X 180 MM	Hex Head	Socket Head
TOWER	39 X 200 MM	Hex Head	Socket Head
COUNTERWEIGHT	39 x 200 MM	Hex Head	Socket Head

\* All bolts must be Grade 8.8. Thread pitch is 4 mm.

**FARFABBRI S.R.L.**

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