



## SERVICE BULLETIN

November 14, 1989

SERVICE BULLETIN 89-5

SUPER LOOPS - HINGE PINS

This bulletin supersedes Service Bulletin 89-2.

Fatigue cracks have been found in the hinge pins on some of the older Super Loops Amusement Rides. This fatigue could be caused by a number of factors. The two most obvious are: 1) the continual loading and unloading of the pin due to erection and lowering of the track and 2) improper support of the track during transport, allowing the hinge to take the majority of the bouncing load. With this in mind and in order to maintain a safe ride, the main hinge pins on the Super Loops must be inspected when the ride has been in operation for five (5) years and at five (5) year intervals thereafter.

Field experience has shown that most operators are not qualified to comply with Service Bulletin 89-2 in the field, and in some cases have created dangerous situations. Therefore it will be necessary to have a factory technician supervise the inspection and/or replacement of the hinge pins in the field or that the ride be brought to the factory to have this done. To save the customers' cost, the technician will supervise the customers' own people in complying with the bulletin and at the same time provide a free inspection of the overall condition of the customer's ride and free training on the operation and maintenance of the ride.

You may call the factory at 806-293-5214 to make arrangements to have this bulletin complied with and discuss the charges.

Manufacturers of  
The Hi-Roller • Super Loops • Whirlwind • Paratower

**THE HI-ROLLER CO.**

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