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B-0241-00

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## SERVICE BULLETIN

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Effective Serial Number: All Units - Chance Rides, Inc.  
All Units - Chance Manufacturing Co., Inc.

Chance Rides, Inc. SPECIFICALLY DISCLAIMS ANY LIABILITY for losses associated with rides produced by Chance Manufacturing Company, Inc.

Ride: CARROUSEL

Subject: Inspection of Horse Hanger Hooks, Bearings, Horse Pipe, Telescope Assemblies, and Crankshaft Throws

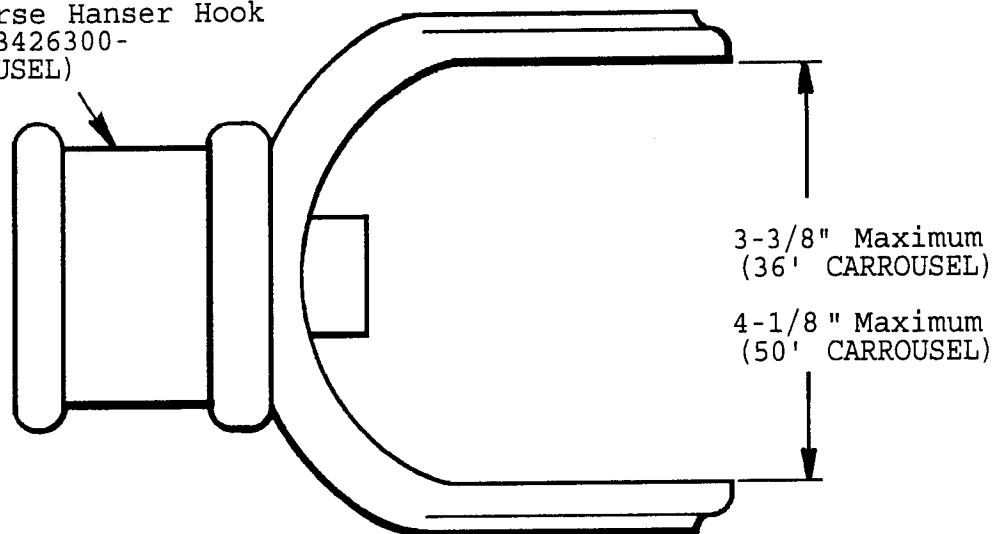
Chance Rides, Inc. requires that all CARROUSEL owners inspect the horse hanger hooks, the horse hanger hook bearing, the horse pole, the telescope assemblies and crankshafts to ensure that all parts fit properly within the wear tolerances for a safe ride.

Perform the following inspection at each set-up, or monthly, whichever occurs first.

MG-70 Horse Hanger Hook  
Part No. 33424000  
(36' CARROUSEL)

370-101 Horse Hanger Hook  
Part No. 33426300-  
(50' CARROUSEL)

ILLUSTRATION A



NOTE: BOTTOM CASTING EARS AND MATING EARS ON TELESCOPE LOCK SHOULD BE CHECKED FOR EXCESSIVE WEAR WHICH COULD CAUSE THE TELESCOPE TO DISENGAGE FROM THE LOCK.

NOTE: TOP OF TELESCOPE PIPE MUST BE TAPERED AS SHOWN TO PREVENT A SHARP EDGE FROM CUTTING INTO HORSEPIPE RESULTING IN A JAM BETWEEN THE TWO PIPES

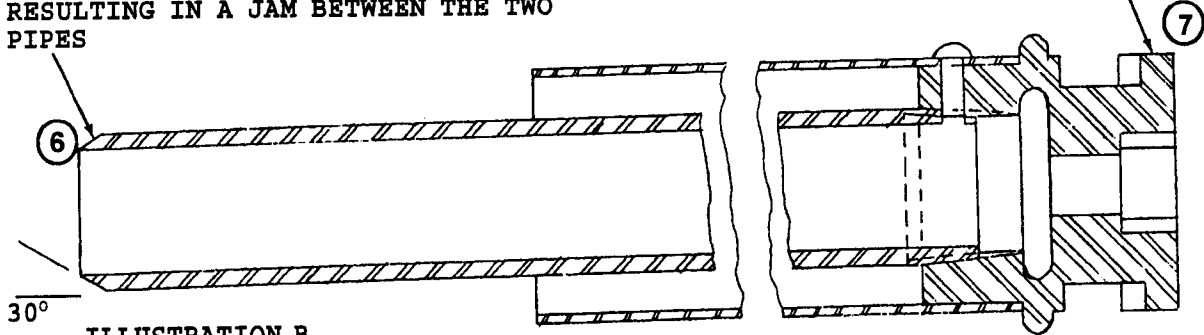
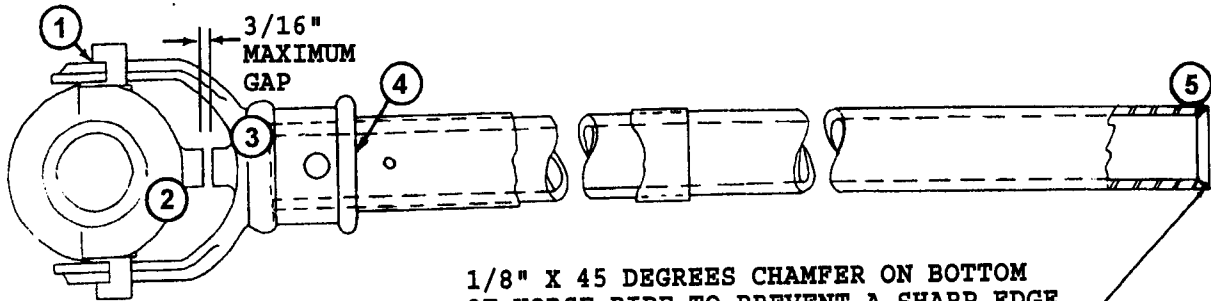


ILLUSTRATION B

NOTE: ALL HORSE HANGER HOOKS AND BEARINGS SHOULD BE INSPECTED FOR EXCESSIVE WEAR AT POINT 1. EXCESSIVE WEAR WILL RESULT IN INCREASED CLEARANCE BETWEEN STOPS 2 AND 3 WHICH SHOULD NOT EXCEED 3/16"



1/8" X 45 DEGREES CHAMFER ON BOTTOM OF HORSE PIPE TO PREVENT A SHARP EDGE FROM CUTTING INTO THE TELESCOPE RESULTING IN A JAM BETWEEN THE TWO PIPES

ILLUSTRATION C

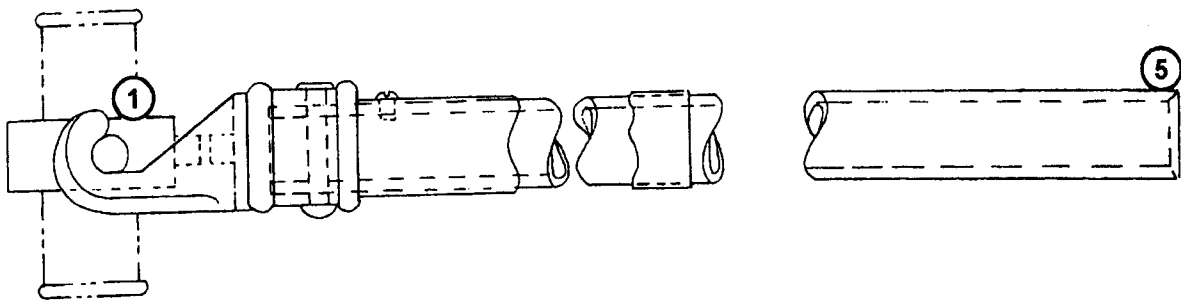


ILLUSTRATION D

1. Measure the distance between the hooks as shown in Illustration A. The dimension must be within the specified limits. Report any variations to the Chance Rides Customer Service Department. These hooks may face either inward or outward when attached to the crankshaft.



**WARNING: DO NOT HEAT THE HORSE HANGER HOOK TO STRAIGHTEN IT.**

2. Inspect for excessive wear on top of the horse hanger bearing ears and the underside of the horse hanger hook Item 1 of Illustration C. Wear at this point increases the gap between safety stops (Item 2 and 3 of Illustration C). This gap should not exceed 3/16". Any gap larger than 3/16" will allow the hook to come off the bearing during operation.

Using a piece of bar 3/16" thick, check the gap between each of the safety stops, if the bar passes easily through the gap, the hanger bearings should be replaced. Inspect horse hanger hook and replace if excessive wear is evident.

3. Inspect for excessive wear between horse hook, horse pole, and connecting rivet (Item 4, illustration C). Maximum allowable upward and downward movement of horse hook on horse pole is 1/8 inch.
4. All horse pipes furnished by Chance Rides, Inc. have a 1/8 x 45 degree chamfer on the bottom (Item 5, Illustration C). The telescope pipes have a 3/16" x 30 degree chamfer on the top (Item 6, Illustration B). These are to prevent the two pipes cutting into one another and jamming. Any replacement pipes must also be chamfered.
5. The lower casting on the telescope (Item 7, Illustration B) and the upper casting on the floor lock should be inspected for wear or damage. Excessive wear could result in release of the telescope from the floor lock. Parts which allow easy locking or unlocking are worn and should be replaced.
6. Visually inspect crankshaft throw castings for indications of cracks (Illustration E). If indications are found, contact Chance Rides, Inc. DO NOT ATTEMPT TO WELD OR REPAIR THROWS. DO NOT OPERATE RIDE UNTIL APPROVED REPAIR IS COMPLETE.

All work must be performed by qualified personnel, capable of understanding the function of the parts and their proper installation.

#### NOTICE

Use only those components authorized, specified or provided by Chance Rides, Inc.

Chance Rides, Inc. SPECIFICALLY DISCLAIMS MY LIABILITY for losses associated with any unauthorized alterations and/or modifications or additions and installations of unauthorized components.

ILLUSTRATION E

