



**CHANCE RIDES, INC.**  
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Bulletin No:	A414R1245-0
Release Date:	August 29, 2000
Effective Date:	August 29, 2000
Supersedes:	N/A
Completion Date:	Immediately
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# SAFETY ALERT

Ride Manufacturer: CHANCE RIDES, INC.      Affected Production Dates: All

Ride Name: INVERTER (Portable Model)      Affected Serial Nos.: All units

Model No.: 414

Abstract of Issue:  
Main Drive Inspection

Reason For Release:



**WARNING: Failure of a component in the main drives can result in serious personal injury to passengers. Do not operate the above noted INVERTER amusement rides until the main drive inspection described in this safety alert bulletin has been completed. Thereafter, repeat this inspection DAILY.**

Chance Rides, Inc. has become aware that the failure of one component in the main drive of the INVERTER can result in broken teeth on the main drive gear and/or pinions. If a broken tooth or other debris becomes lodged in the vehicle drive gears, changes to the vehicle position ("timing") can result. This can cause the vehicle to contact the trailer frame, which can result in serious injury to passengers.

Action to be Taken:

All owner/operators of the above noted INVERTER amusement rides are required to cease operation until the inspection described in this safety alert bulletin is completed.

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 ANY LIABILITY for losses associated with any unauthorized alterations and/or modifications or additions and installations of unauthorized components.



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Detail of Issue:

### Inspection Instructions

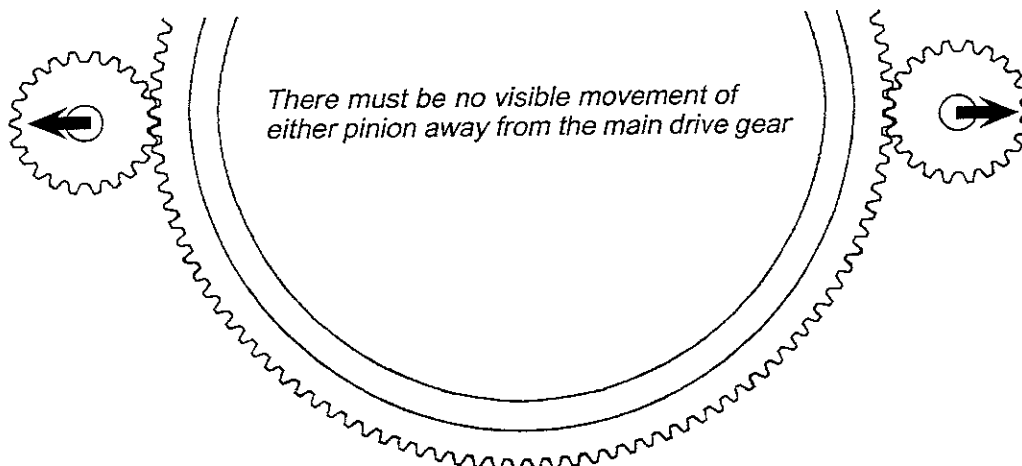
Inspect the main drive gear and pinion EXACTLY as described in the following procedure. This inspection must be performed DAILY.



**WARNING:** Moving parts can cut or crush. Do not run the ride while performing the main drive gear inspection. Unless specifically instructed, do not manually move the main arm. Serious injury can result.

1. Carefully inspect the teeth on the main drive gear. Look for broken, chipped or cracked gear teeth. If necessary, wipe away the grease to see the teeth clearly. The gear is accessible for inspection through holes in the structure and in the gear guard. If necessary, remove the gear guard.
2. Keeping hands and fingers clear of all moving parts, observe the pinions and main drive gear while an assistant manually moves the main arm back and forth slightly. This can be done by standing on one end of the vehicle and "bouncing" it, then doing the same thing at the other end of the vehicle.

Observe the movement of the pinions in relation to the main drive gear. The pinions must only rotate. Any movement away from the main gear indicates a problem in the gearbox.





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Detail of Issue (continued):

- Carefully inspect the teeth on the vehicle drive gear. Look for broken, chipped or cracked gear teeth, or debris in the teeth. If necessary, wipe away the grease to see the teeth clearly.
- Inspect both main drive gearboxes and all four vehicle drive gearboxes. If any gearbox exhibits oil leakage or excessively noisy operation, it is likely that failure of that gearbox has occurred
- If any of the preceding abnormal conditions are found contact the Chance Customer Service Department immediately for further information. **DO NOT OPERATE THE RIDE UNTIL CORRECTIVE MEASURES ARE TAKEN.**