



# REQUIRED INSPECTION NOTICE

**DATE:** JULY 31, 1998  
**RIDE:** ONE TRUCK HIMALAYA  
**SUBJECT:** ROD END COUPLER THREADS  
**COMPLIANCE:** MANDATORY  
**COMPLETION DATE:** IMMEDIATELY

One coaster has experienced wear on the threads on the rod end connecting the cars together. The same connection is used on the Himalaya. The wear is caused by the lock nut loosening and allowing the rod end to work back and forth in the coupler mount. To prevent the possibility of the rod end pulling out of the mount, check the threads in all rod end couplers for wear and replace any that are worn.

## TO INSPECT FOR THREAD WEAR

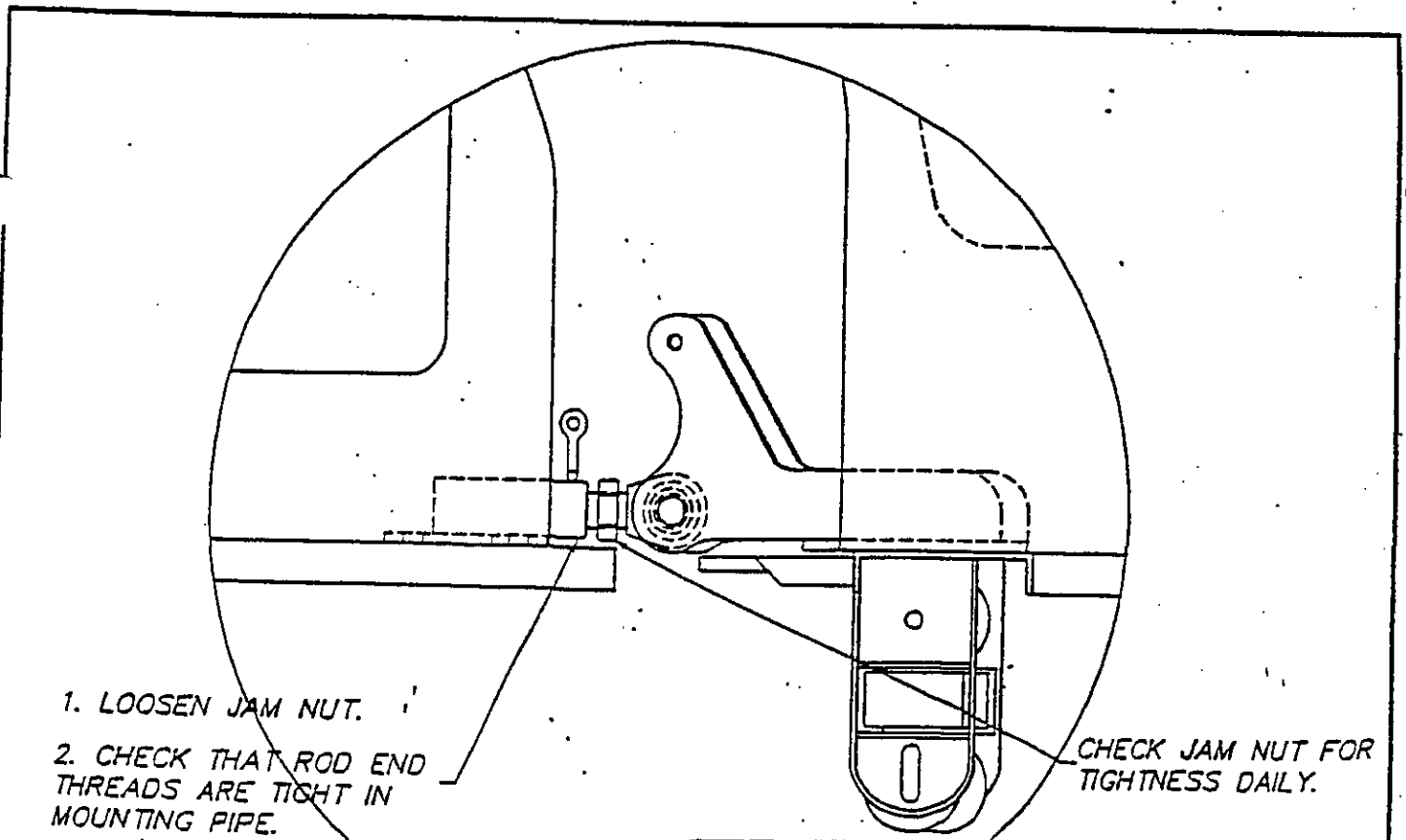
1. Loosen jam nut on rod end.
2. Raise and lower the front of the car that the rod end is attached to.
3. Look for looseness or movement of the thread end inside the coupling mount as the front of the car is raised and lowered.
4. If no looseness is observed retighten the rod end.
5. If the threads are loose remove the rod end and replace.
6. Retighten the rod end.

## REPLACING THE ROD END

1. Block up front of car.
2. Remove connecting pin.
3. Push car ahead to allow access to rod end.
4. Loosen lock nut.
5. Unscrew rod end from coupler.
6. Screw lock nut from original rod end onto new rod end.


7. Screw new rod end into front of car.
8. Tighten lock nut.
9. Reconnect cars together with pin and R-key.
10. Check that the lock nut is tight.
11. Remove blocks and check track for objects on the track that can stop the ride.
12. Test run ride.
13. Check that the jam nut is tight daily.

**WARNING: CHECK THAT ALL PINS ARE R-KEYED DAILY.**



1. LOOSEN JAM NUT.
2. CHECK THAT ROD END THREADS ARE TIGHT IN MOUNTING PIPE.
3. TIGHTEN JAM NUT.

CHECK JAM NUT FOR TIGHTNESS DAILY.

 <b>WISDOM INDUSTRIES</b> Merino, CO 80741		
SCALE: NTS	APPROVED BY:	DRAWN BY: JLC
DATE: 7-19-96		REVISED
DESCRIPTION CAR HITCH		
EQUIPMENT: COASTERS		DRAWING NUMBER DWG #



WISDOM INDUSTRIES, INC



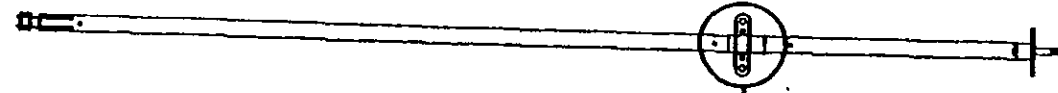
## SAFETY BULLETIN

**DATE:** DECEMBER 18, 1998  
**RIDE:** ONE TRUCK HIMALAYA  
**SUBJECT:** MASTER SWEEP INSPECTION (4 SWEEPS)  
**COMPLIANCE:** MANDATORY  
**COMPLETION DATE:** IMMEDIATELY

One Himalaya has experienced cracking on the master sweep where the diagonal rods pivot the end of the sleeve. Review the drawing on the reverse side and inspect for cracking around the tube at the end of the sleeve. If cracks are indicated contact Wisdom Industries at 800-634-6097 for repair or replacement of the sweep.

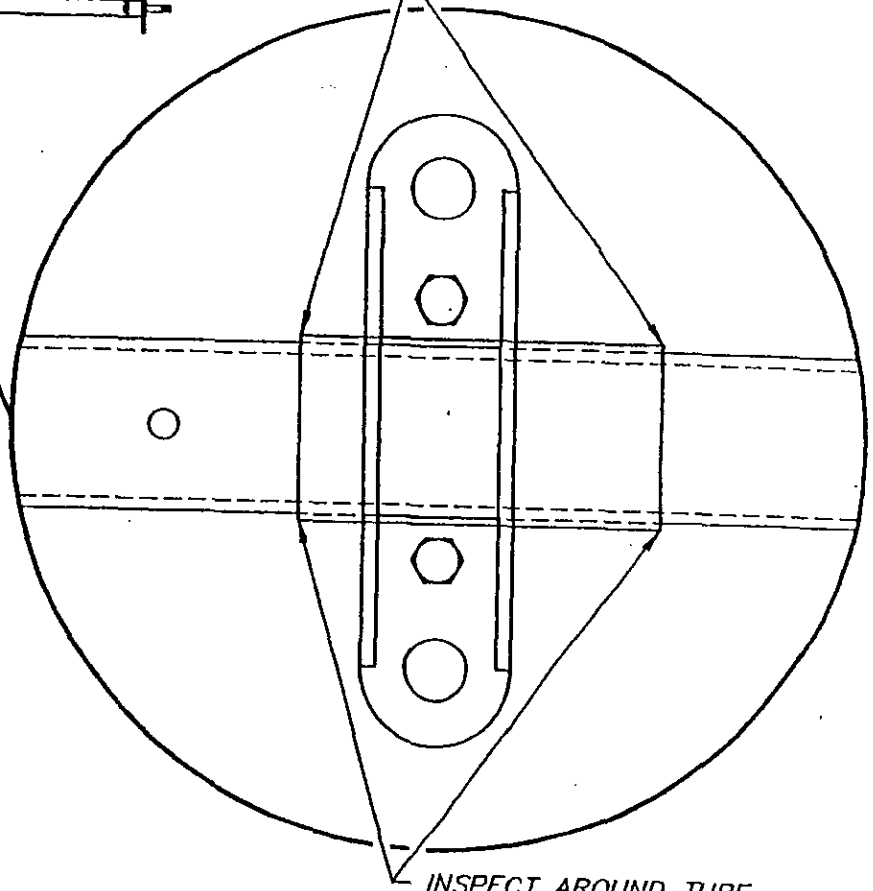
### TO INSPECT FOR CRACKS

1. Clean area on each master sweep where indicated on the drawing.
2. Visually inspect around the circumference for cracks.
3. Follow the visual inspection with magnaflux.
4. If cracks are found contact Wisdom Industries before operating the ride for instructions on repair or replacement of the sweep.
5. Repeat for the other 3 master sweeps.




INSPECT AROUND TUBE

INSPECT MAIN SWEEP TUBE FOR CRACKS.  
 CLEAN OFF GREASE & DIRT BEFORE INSPECTING.  
 IF CRACKS ARE FOUND, DO NOT OPERATE  
 THE RIDE UNTIL CONTACTING WISDOM INDUSTRIES  
 AT (800) 634-6097 FOR REPAIR OR REPLACEMENT  
 INSTRUCTIONS.  
 USE VISUAL INSPECTION FOLLOWED BY MAGNA FLUX.



INSPECT AROUND TUBE

 <b>WISDOM INDUSTRIES</b> Merino, CO 80741		
SCALE: 3/8" = 1'-0"	APPROVED BY:	DRAWN BY: SAS
DATE: 12/18/98		REVISED
DESCRIPTION		
MAIN CAR SWEEP		
EQUIPMENT:	DRAWING NUMBER	
MID-SIZE HIMALAYA	MAIN_SWEEP	



WISDOM INDUSTRIES, INC



## SAFETY BULLETIN

**DATE:** MARCH 22, 1999

**RIDE:** ONE TRUCK HIMALAYA

**SUBJECT:** MASTER SWEEP REPLACEMENT (4 SWEEPS)

**COMPLIANCE:** MANDATORY

**COMPLETION DATE:** AS SOON AS SWEEPS ARE AVAILABLE

Wisdom Industries is replacing the 4 Master Sweeps on the One Truck Himalaya with sleeved units.

Contact Wisdom Industries and let us know where we can ship the replacement sweeps.

Until the new sweeps are installed, continue the daily inspection of the sweeps according to the enclosed bulletin.

If you have any questions, contact Victor Wisdom or Jim Merrell at 800-634-6097.



**WISDOM  
INDUSTRIES, Ltd.**

# **SERVICE BULLETIN**

**DATE: April, 1999**

**RIDE: One Truck Himalaya**

**SUBJECT: Secondary Safety Between Cars**

**COMPLIANCE DATE: 2 weeks**

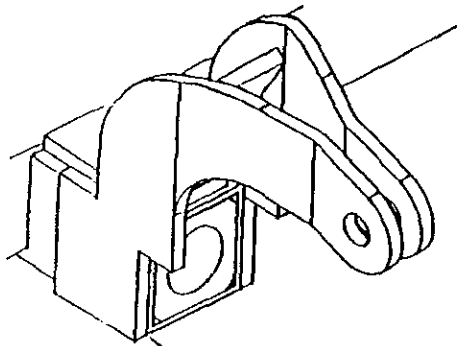
**COMPLETION DATE: 2 weeks**

Install the safety plates and couplers between the cars according to the drawing shown on the reverse. Contact Wisdom Industries for a set of plates to install.

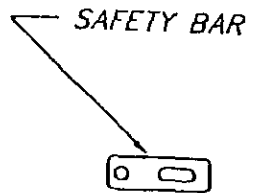
Until the safety plates are installed, check the jam nut between the cars daily for tightness. If a jam nut is found to be loose. Remove the rod end and check the threads for wear. Replace the rod end if the threads are worn on the rod ends.

Check daily that the R keys are installed on the car coupling pins.

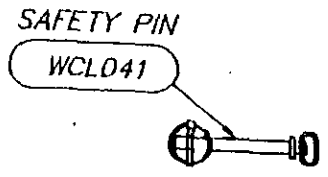
A nylon tie through the handle on the pin to the car frame to be used as a second safety, in case the R key comes out.



NOTE 1

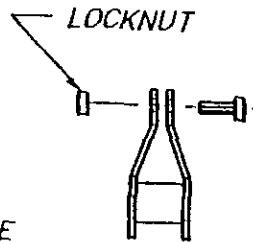
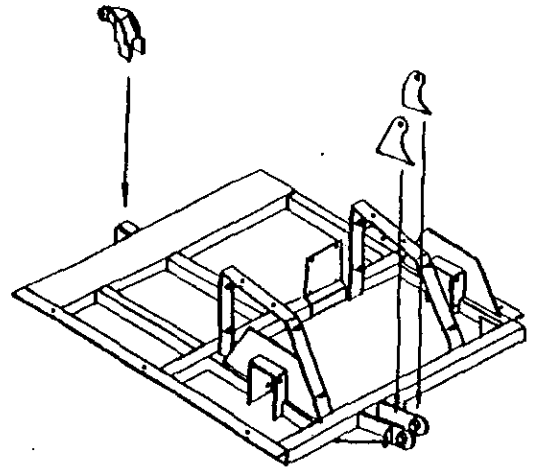


SAFETY BAR



SAFETY PIN

WCLD41

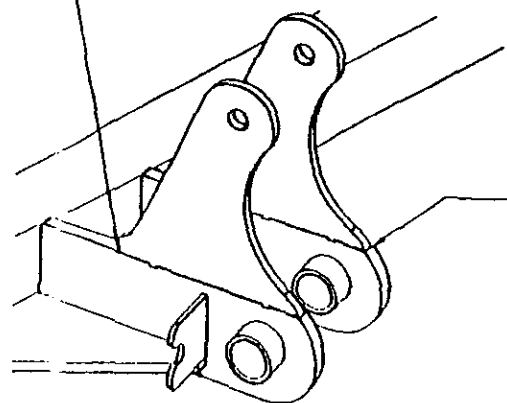


LOCKNUT

1/2" X 1 1/2" NC BOLT

BE SURE HOLES LINE UP BEFORE WELDING

1/4"



NOTE 2

NOTE 1: BE SURE BOTTOM OF BRACKET IS PARALLEL WITH TUBING TO ACHIEVE CORRECT HOLE HEIGHT.

NOTE 2: ALIGN FRONT CORNERS BEFORE WELDING.

		<b>WISDOM INDUSTRIES</b> Merino, CO 80741	
SCALE: 3/4" = 1'-0"	APPROVED BY:		
DATE: 04/06/99		DRAWN BY: CKW	
DESCRIPTION		REVISED	
<b>CAR HITCH SERVICE BULLETIN</b>			
EQUIPMENT:		DRAWING NUMBER	
<b>HIMALAYA</b>		<b>BH 099</b>	



**WISDOM  
INDUSTRIES, Ltd.**

Just a reminder that we have not yet received confirmation that the safety plates have been installed on your Himalaya.

Please return this letter stating the date that you complied with the bulletin.

Enclosed is a copy of the original bulletin. If you need any further information please contact Wisdom Industries.

Thank You

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date safety plates installed





**WISDOM  
INDUSTRIES, Ltd.**

# **SERVICE BULLETIN**

**DATE: MARCH 15, 2000**

**RIDE: ONE TRUCK HIMALAYA**

**SUBJECT: SECONDARY SWEEP INSPECTION (18 SWEEPS)**

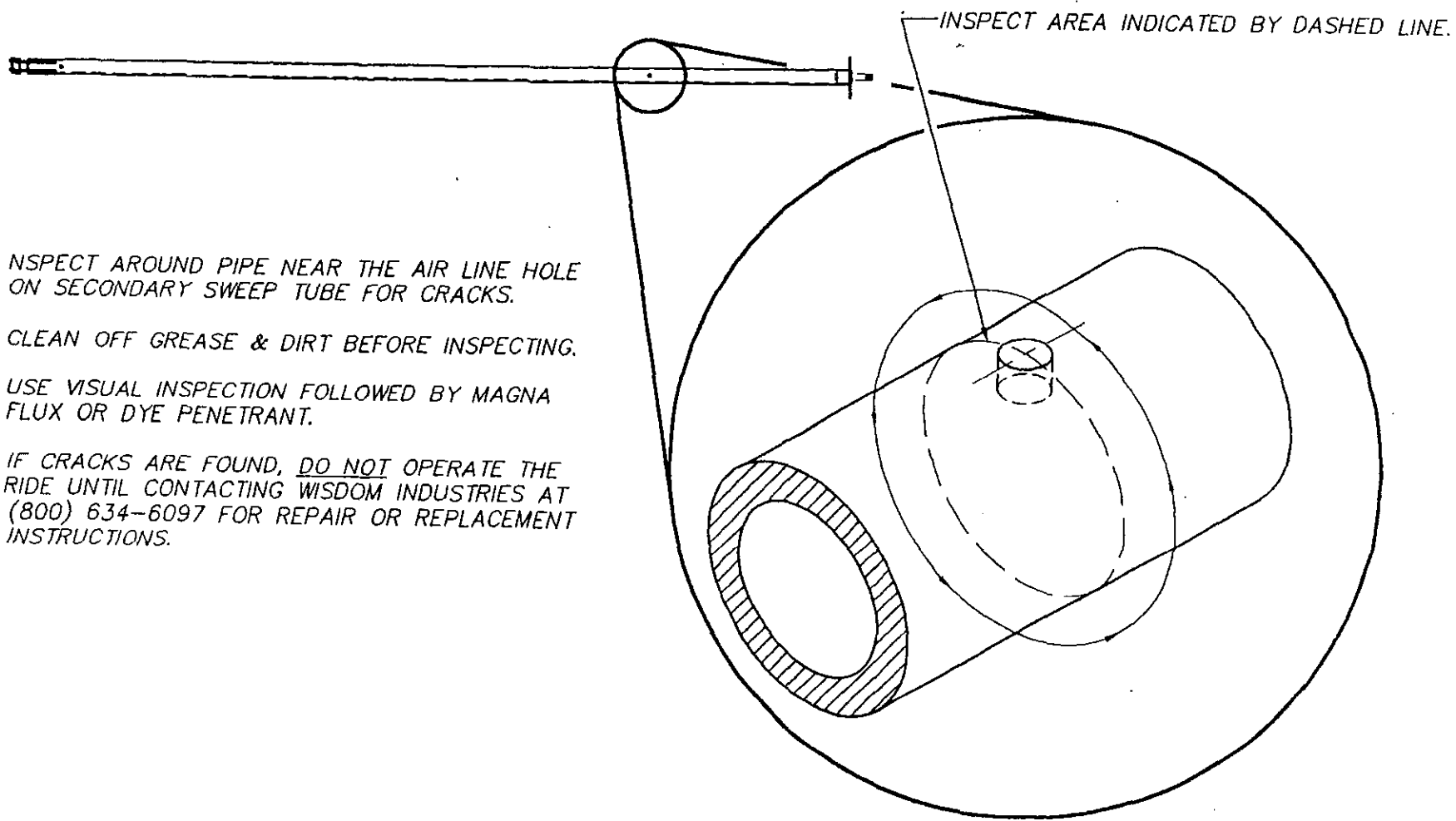
**COMPLIANCE: MANDATORY**

**COMPLETION DATE: IMMEDIATELY**

One Himalaya has experienced cracking on the secondary sweeps where the air line hole is drilled near the cars. Review the drawing on the reverse side and inspect for cracking around the airline hole. If cracks are indicated contact Wisdom Industries at 800-634-6097 for repair or replacement of the sweep.

## **TO INSPECT FOR CRACKS**

1. Clean area on each secondary sweep where the air line exits the pipe ( see drawing).
2. Visually inspect around the circumference of the pipe at the air line hole for cracks.
3. Follow the visual inspection with magnaflex or dye penetrant.
4. If cracks are found contact Wisdom Industries before operating the ride for instructions on repair or replacement of the sweep.
5. Repeat for the other 17 secondary sweeps.


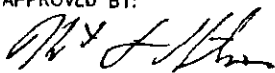


INSPECT AROUND PIPE NEAR THE AIR LINE HOLE ON SECONDARY SWEEP TUBE FOR CRACKS.

CLEAN OFF GREASE & DIRT BEFORE INSPECTING.

USE VISUAL INSPECTION FOLLOWED BY MAGNA FLUX OR DYE PENETRANT.

IF CRACKS ARE FOUND, DO NOT OPERATE THE RIDE UNTIL CONTACTING WISDOM INDUSTRIES AT (800) 634-6097 FOR REPAIR OR REPLACEMENT INSTRUCTIONS.

 <b>WISDOM INDUSTRIES</b> Merino, CO 80741		
SCALE: 3/8" = 1'-0"	APPROVED BY:	DRAWN BY: SAS
DATE: 12/18/98		REVISED
DESCRIPTION		
CAR SWEEP		
EQUIPMENT:	DRAWING NUMBER	
MID-SIZE HIMALAYA	CAR_SWEEP	

10 Apr 00 REVISED MAIN CAR SWEEP TO CAR SWEEP  
 APR 1, 2000 - 13:13:44 < L: \MID-HIM\CAR\_SWEEP.DWG >



April 28, 2000

TO WHOM IT MAY CONCERN:

RE: WISDOM ONE TRUCK HIMALAYA

The himalaya ride does have non destructive testing requirements. As part of an annual inspection, as outlined in our manual, a visual inspection shall be performed on all welds by a qualified welding inspector. We recommend a A.W.S. Certified Welding Inspector or equivalent. Visual inspections are sufficient unless defects indicate further testing is needed.

After three years of continuous operation, ultra sound test the wheel shafts by a qualified NDT Inspector.

There has recently been a service bulletin issued, March 2000, that requires a visual inspection of the secondary sweeps. This requires a visual inspection of the sweep in and around the air line hole drilled in the shaft near the cars. The visual inspection shall be followed with magnetic particle or liquid penetrate testing. Included is a copy of the bulletin issued.

The Wisdom Himalaya Ride has operated for several years in New Jersey, as well as most states.

James R. Merrell



P. O. Box 5000 – Sterling, Colorado 80751 – 970-522-7515 – Fax 970-522-2902  
Toll Free 800-634-6097 – Email [wisdom@henge.com](mailto:wisdom@henge.com)

DP



**WISDOM  
INDUSTRIES, Ltd.**

# **SAFETY BULLETIN**

**DATE: JUNE 22, 2001**  
**RIDE: ONE TRUCK HIMALAYA**  
**SUBJECT: LAP BAR**  
**INSPECTION DATE: JULY 1, 2001**  
**COMPLETION DATE: JULY 10, 2001**

**REVIEW THE FOLLOWING INSPECTION PROCEDURE.  
IF THERE IS AN INDICATION THAT THE INSIDE  
LATCH IS NOT ENGAGING COMPLETELY, PERFORM  
THE FOLLOWING MODIFICATION.**

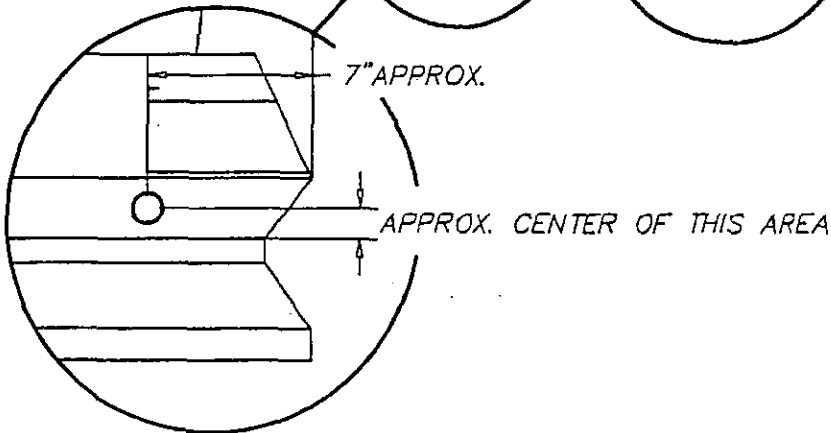
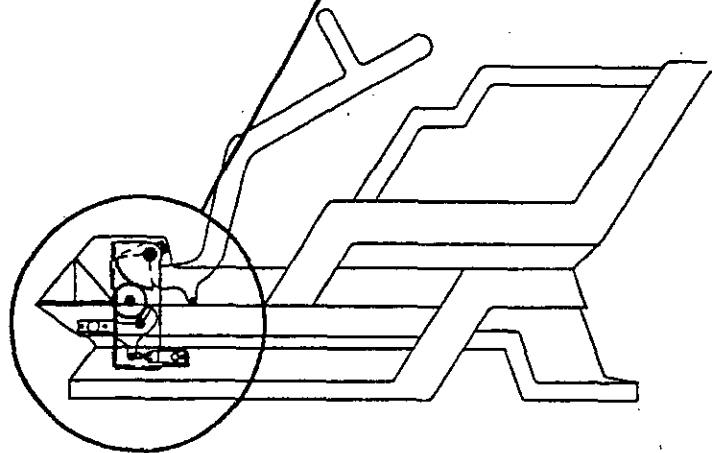
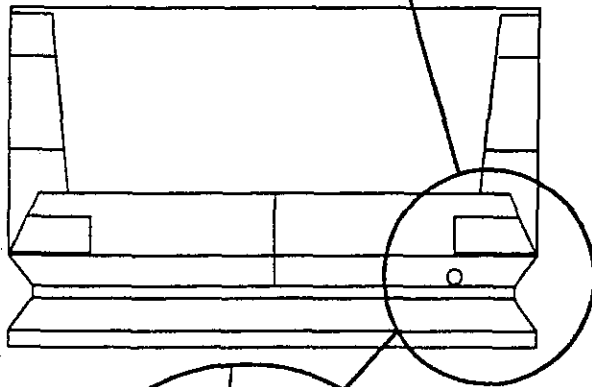
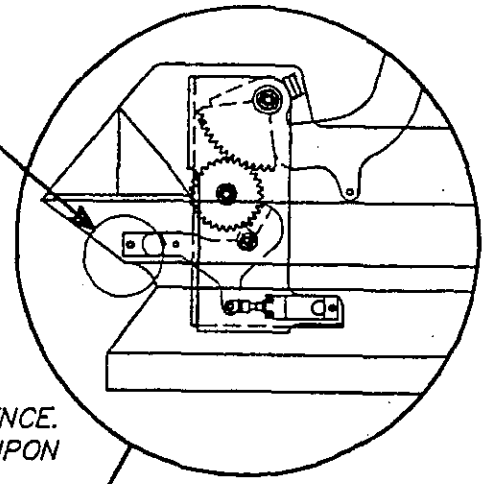
- 1. Review the enclosed drawing to locate a 1 ¼ hole to be cut in the fiberglass.**
- 2. Check that hole is in the correct location to keep the lock dog from hitting the car body.**
- 3. Perform latch check to see that the inside lock dog engages completely.**
- 4. Perform the same operation on the remaining 21 cars.**

## LAP BAR INSPECTION PROCEDURE

1. Raise lap bar.
2. Check lap bar hinge bolts and lock mechanism hinge bolts for looseness or broken bolts.
3. Check lap bar air cylinder attachment pins for security and cotter pins.
4. Check lap bar arm for cracks.
5. Check that the lap bar foam is centered and in good shape.
6. *Lift inside lap bar release.*
7. Push down lap bar. Lap bar should ratchet down and lock at each detent.
8. Release inside lap bar manual release lever.
9. Raise lap bar.
10. Lift outside lap bar manual release lever.
11. Push down lap bar. Lap bar should ratchet down and lock at each detent.
12. Release outside lever.
13. Activate air unlocking system.
14. Watch as the air is released that the seat manual release levers do not stick or operate in a jerky manner.
15. Repeat for each seat.

IT HAS COME TO OUR ATTENTION THAT ON A FEW OF THE MID-SIZED HIMALAYA'S THE INSIDE HANDLEBAR LOCKING MECHANISM MAY BE HITTING THE FIBERGLASS BODY OF THE CAR. THIS MAY NOT ALLOW THE HANDLE BAR TO LATCH PROPERLY.

INSPECT YOUR HANDLEBARS, AND IF THIS PROBLEM EXISTS DRILL AN 1-1/4" TO 1-1/2" HOLE, USING A HOLE SAW, IN THE BODY OF THE CAR AT THE LOCATION OF THE INTERFERENCE. THIS CAN BE DONE EASILY FROM THE OUT SIDE OF THE CAR UPON SET UP OR TEARDOWN OF THE RIDE.



WISDOM INDUSTRIES Merino, CO 80741

APPROVED BY:

DESCRIPTION

HANDLEBAR SOLUTION

SCALE: 3/4" = 1'-0"

DATE: 06/22/01

EQUIPMENT:

MID-SIZE HIMALAYA

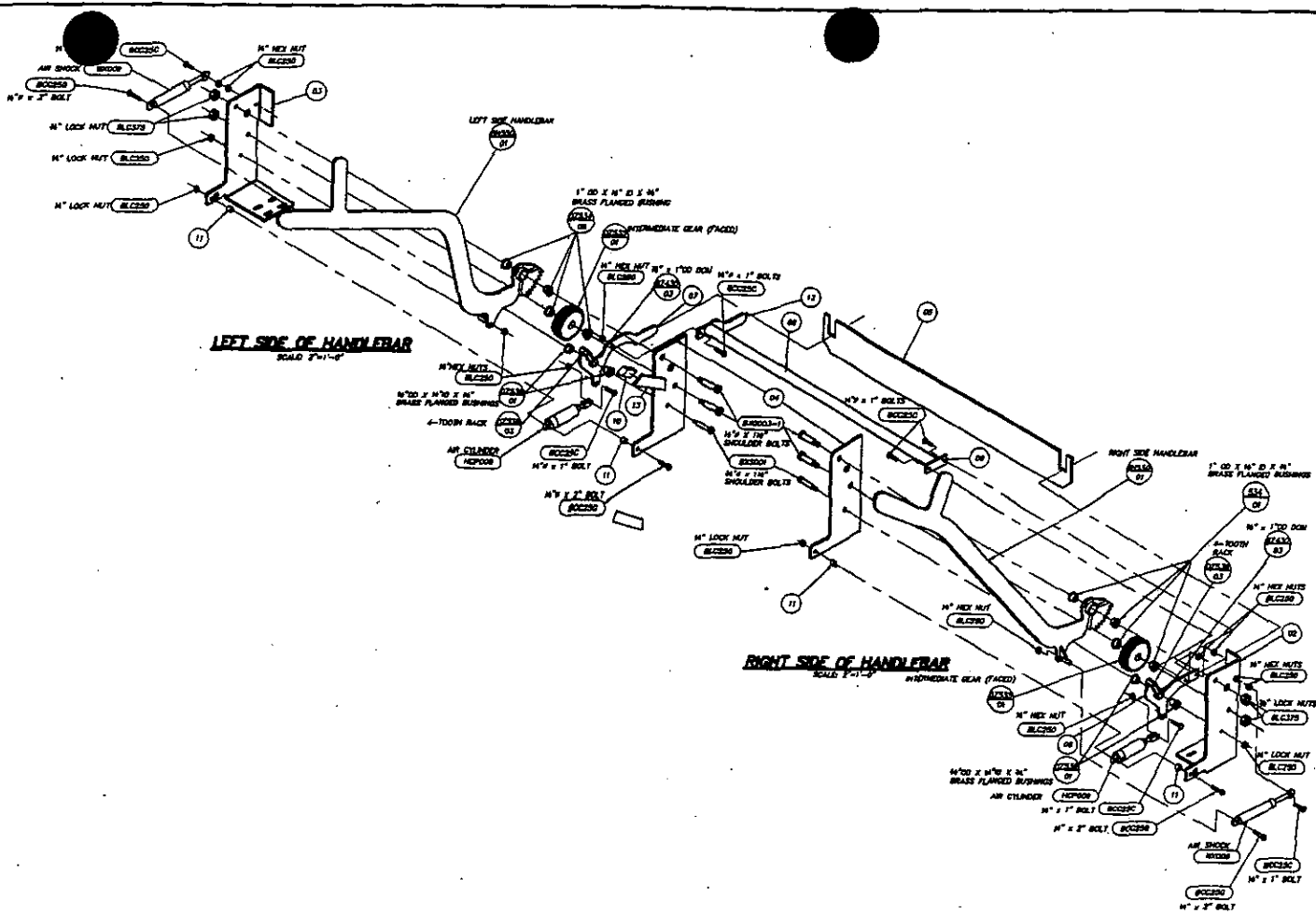
DRAWN BY:

M.HICKAM


DRAWING NUMBER:

8H098SB

14 44 11 1001 06 22 01 8H098SB.DWG >



156401  
 10/19/97  
 10/19/97

 <b>WISDOM INDUSTRIES</b> Merino, CO 80741		
SCALE: N.T.S.	APPROVED BY:	DRAWN BY: MFK
DATE: 03-03-97		REVISED
DESCRIPTION <b>HANDLEBAR ASSEMBLY</b>		
EQUIPMENT:	<b>MID-SIZE HIMALAYA</b>	DRAWING NUMBER