



RECALL CAMPAIGN

9901056 - 04V-552

04V-552

Subject:	Replace and reroute axle brake wire.
Units Affected:	2004-2005 Jay Feather Travel Trailers • 41J50050 - 41J50162 • 51J50050 - 51J50276 • 51J60050 - 51J60101
Action Required:	Remove the original 12/2 duplex brake wire and replace a longer wire and route it in front of the axle mounting plate.
Job Operation Code:	9901055
Series Code:	N/A
Repair Time:	1.2 hours
Kit Part Number:	0502033
Parts Kit Includes:	2 - Crimp Sleeve Connectors 2 - Wrap Insulator Caps 9' - Red 12GA Two-Conductor Brake Wire 8 - 14" Black Cable Ties 6' - Loom Cover 1 - Instruction Sheet
Tools Required:	Wire cutters, wire strippers, utility knife, floor jack, two jack stands, wheel blocks
Additional Requirements:	N/A

Instructions



Warning: Properly block wheels before starting repairs

1. Place the travel trailer on a hard flat surface.
2. Block the driver's side (off-door) wheels on the trailer.
3. Use a floor jack of sufficient capacity to raise the passenger's side (door side) of the trailer. Place the floor jack under the main frame rail right behind the axle mounting plate. (Fig. 1) Raise the frame just enough to take some weight off the wheel.

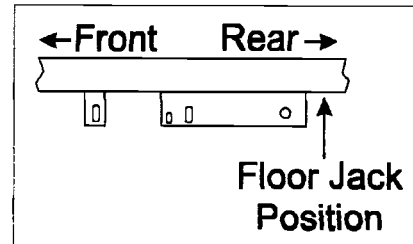


Fig. 1

4. Loosen each lug nut $\frac{1}{2}$ turn to aid with wheel removal when the trailer is raised.
5. Continue to raise the frame until the tire just clears the ground.
6. Install a jack stand support of sufficient capacity under the frame and as close to the rear of the axle mounting plate as possible. (Fig. 2)
7. Remove the lug nuts and the wheel from the raised side of the trailer.

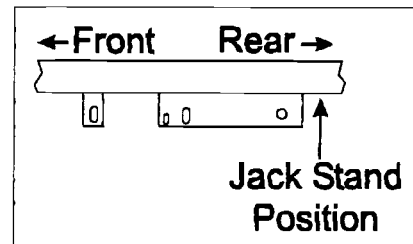


Fig. 2

8. Locate, cut and remove the cable ties that mount the red coated brake wire to the swing arm and axle beam.
9. Locate where the red coated brake wire is connected to the two brake magnet wires extending from the brake drum. Cut the wires just below the rubber boot that covers the wires. Discard the rubber boot.
10. Remove the red coated brake wire that connects the two brake drums along the axle beam. This wire will be discarded when removed from the other side of the trailer.
11. Locate the new red coated brake wire in the parts kit. Remove approx. six (6) inches of the red coating to expose the black and white wires inside.
12. Strip approx. one (1) inch of insulation off each of the wires (black and white).
13. Strip approx. one (1) inch of insulation off the brake magnet wires (black) extending from the brake drum.
14. Attach one brake magnet wire and the black wire from the red coated brake wire by twisting the exposed wire ends together. Slide a crimp sleeve connector over the end of the wires and crimp the sleeve using the proper crimping tool. Trim off the wire strands that are above the top of the crimp sleeve connector. (Fig. 3)

15. Slide a new rubber boot over the crimped wires, wrap the rubber tab between the wires (Fig. 4) and loop the end over the top of the rubber boot (Fig. 5).

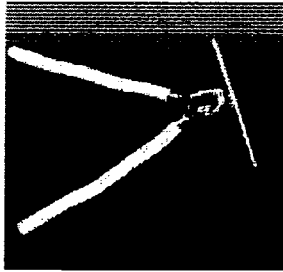


Fig. 3

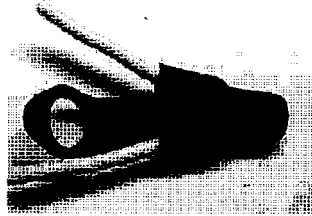


Fig. 4

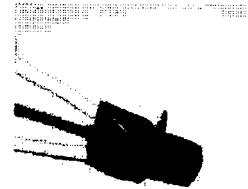


Fig. 5

16. Repeat steps 14 & 15 using the white brake wire from the red coated brake wire.
17. Install a two (2) foot section of black wire loom cover over the new red coated brake wire. (Fig. 7)
18. Cable tie the newly installed red coated brake wire to the axle swing arm, making sure the wire will not contact any moving parts of the brakes, tire and/or suspension. We recommend the use of two (2) cable ties. (Fig. 6)
19. Cable tie the new wire loomed brake wire to the axle beam right behind the axle mounting plate (third cable tie).
20. Route the new wire loomed brake wire in front of the axle mounting plate and attach it to the axle beam. Secure it with an additional cable tie (fourth cable tie).

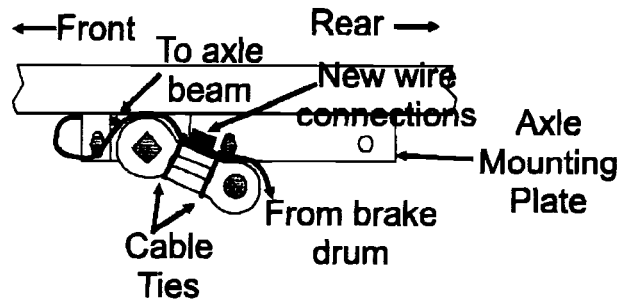


Fig. 6

(N) NOTE: Make sure there is enough room for the wire to move and flex with the axle swing arm (approx. one (1) inch slack). See Fig. 7 for approximate cable tie locations.

21. Install the wheel and snug tight the lug nuts. Lower the trailer to the ground.
22. Repeat steps 2 – 9 to block the passenger's side (door side) and raise the driver's side (off-door side) of the trailer. Remove the tire and the connections from the old red coated brake wire that extend across the axle beam and from the trailer hitch (pigtail). Discard the wire that was removed from the axle beam.
23. Locate the new red coated brake wire from the passenger side (door side) of the trailer and the existing red coated brake wire extending from the trailer pigtail.
24. Route the new red coated brake wire along the axle and around the axle mounting plate as indicated in Fig. 7. Mark the wire at the appropriate length to attach it to the brake magnet wires. Cut the wire.

N NOTE: The new red coated brake wire must be cut to the appropriate length to attach it to the passenger side (door side) of the trailer. Make sure you have allowed enough wire for the required slack necessary to ensure good wire connections to the brake magnet wires and attachment to the axle swing arm.

25. Strip approx. six (6) inches of red coating from the new red coated brake wire. This will expose a black and white wire from the new red coated brake wires. The end of the red coated brake wire extending from the pigtail wire should have the black and white wires exposed. At this point, you should have approx. six (6) inches of two (2) black and two (2) white wires to work with for the following steps.
26. Strip approx. one (1) inch of insulation off each of the four (4) wires (two (2) black and two (2) white).
27. Strip approx. one (1) inch of insulation off the two (2) brake magnet wires (black) extending from the brake drum.
28. Attach one (1) brake magnet wire and the two (2) black wires (one (1) from each of the red coated brake wires) by twisting the exposed wire ends together. Slide a crimp sleeve connector over the end of the wires and crimp the sleeve using the proper crimping tool. Trim off the wire strands that are above the top of the crimp sleeve connector. (Fig. 3)
29. Slide a new rubber boot over the crimped wires, wrap the rubber tab between the wires (Fig. 4) and loop the end over the top of the rubber boot. (Fig. 5)
30. Repeat steps 26 & 27 for the two (2) white wires (one from each of the red coated brake wires).
31. Install a two (2) foot section of black wire loom cover over the new red coated brake wire that extend across the axle beam. (Fig. 7)
32. Cable tie the newly installed red coated brake wire to the axle swing arm, making sure the wire will not contact any moving parts of the brakes, tire and/or suspension. We recommend the use of two (2) cable ties. (Fig. 6)
33. Cable tie the new wire loomed brake wires to the axle beam right behind the axle mounting plate.
34. Route the new wire loomed brake wires in front of the axle mounting plate and attach it to the axle beam. Secure it with an additional cable tie.

N NOTE: Make sure there is enough room for the wire to move and flex with the axle swing arm (approx. one (1") slack). See Fig. 7 for approximate cable tie locations.

35. Install the wheel and snug tight the lug nuts. Lower the trailer to the ground.

36. Torque the lug nuts to the sequence, specifications and intervals as listed in the owner's manual.

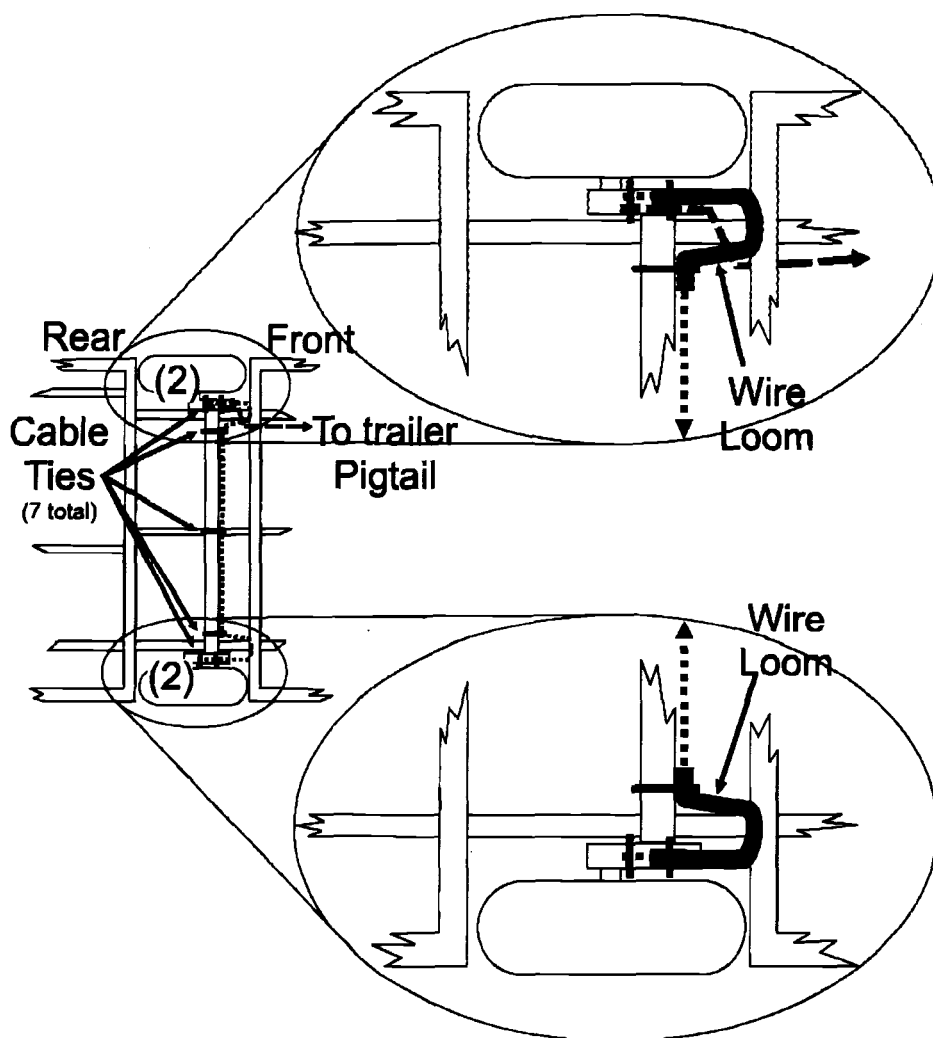


Fig. 7

NOTE: You should have a total of seven (7) cable ties holding the brake wires.

November 2004

VEHICLE SAFETY DEFECT SERVICE BULLETIN
NHTSA Recall Campaign # _____

Dear Jayco Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Jayco, Inc. has decided that a defect, which relates to motor vehicle safety, exists in specific model year 2004 and 2005 Jayco Jay Feather Sport Travel Trailers.

Jayco has identified the potential for the trailer brake wires to be improperly secured along the trailer frame. This could lead to the brake wires coming in contact with the axle mounting plate and chafing through the protective insulation. This condition, if not addressed, may result in loss of braking, which could lead to an accident and /or personal injury.

The remedy for the affected travel trailers will involve replacement and re-routing of the axle brake wire to clear the axle-mounting plate.

This letter and attached **"Claim Form"** will serve as an authorization to have the correction made. Please present the **"Claim Form"** to your dealer upon arrival of your service appointment. This will assist in making the necessary correction in the shortest possible time and allow the dealer the ability to mail in the form to Jayco to confirm the recall repair has been performed. If you have sold or traded your vehicle, or for any reason cannot have this recall service performed, please let us know by completing the information on the enclosed post card and returning it to us promptly. Federal regulations require that any vehicle lessor receiving this notice must forward a copy of this notice to the lessee within **ten days**.

If you have paid to remedy the issue addressed in this notice, you may be eligible for a refund. Please provide the paid invoice to an authorized Jayco dealer or directly to Jayco at Jayco Inc. Attn: AMS Recall 903 South Main Street P.O. Box 460 Middlebury, Indiana 46540.

NHTSA Recall Campaign # _____
November 2004

Your Jayco dealer is best equipped to provide service to ensure that your travel trailer is corrected as promptly as possible. If, however, you take your travel trailer to your dealer on the agreed service date and the dealer does not remedy this condition on that date or within three (3) days, please contact our Customer Service department at (574)-825-0608

After contacting your Jayco dealer and Jayco customer service and you are not able to have the safety defect remedied without charge and within a reasonable time, you may wish to submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, SW, Washington, DC 20590 or call the toll free Auto Safety Hotline at (888) 327-4236.

We apologize for this inconvenience. However, we have taken this action in the interest of your safety and continued satisfaction with your Jayco Jay Feather Sport Travel Trailer.

Sincerely,

Jayco, Inc.
After Market Services