

SERVICE BULLETIN: AB-001

Date: 27 February, 2013

Subject: Seized Parking Brake Cables

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Background:

Three cases of seized parking brake cables were reported during the latter half of 2012. Investigation revealed that the cause was that the nylon snapper clamp at the end of the bellows assembly had not been closed fully allowing water ingress into the boot. The accordion shape of the boot would retain the water and when the hand brake was actuated the boot compressed forcing the water into the cable housing. The water caused a galvanic reaction between the aluminum bushing at the end of the cable housing and the stainless steel cable forming aluminum oxide. The aluminum oxide built up to a level that seized the cable in the housing.

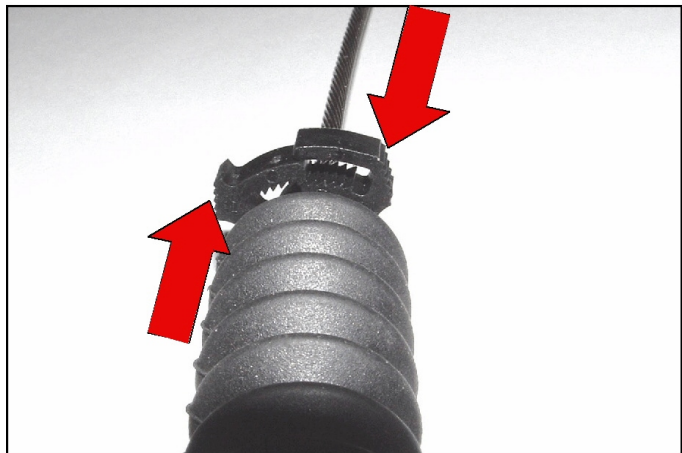
Corrective Action Taken:

All cables now have bushings fully dielectric sleeved to prevent the possibility of galvanic action (red insert).



Customer Action Required:

1) Release the snapper clamp fully as pictured right



Push one Snapper clamp ear forward whilst pulling the other ear back to release clamp.

2) Slide the boot away from the end of the cable housing.

3) Inspect for aluminum oxide (white powdery substance).

4) Have an assistant actuate the hand brake while you observe where the cable enters the conduit. If the amount of aluminum oxide present is sufficient to impede the movement of the cable remove the cables and conduits.

5) Send them postage paid to the letterhead address. Mark the Customs Declaration; "Warranty Return." / Commercial Value: \$1.00. We will repair or replace the assemblies and return them postage paid.

6) When the conduit / cables / boots are re-installed the snapper clamps should be checked to verify that all the six teeth are fully engaged.

7) Actuate the parking brake regularly to assure it is functioning properly.

8) Step (1 thru 7) should be performed on a regular interval.