



www.harscorail.com

SERVICE BULLETIN

MAINTENANCE OF WAY EQUIPMENT

DATE: 06-2019

BULLETIN NO: 19-003

TITLE: Callisto GPS Antenna Change

RATING:

<input type="checkbox"/>	DIRECTIVE (Action Is Required)	<input type="checkbox"/>	ALERT (Potential Problem)
<input type="checkbox"/>	INFORMATION (Action Is Optional)	<input checked="" type="checkbox"/>	PRODUCT IMPROVEMENT (Enhance Product)

PRODUCT SERIES / MODEL: Protran Callisto Components Kit

SERIAL NO: NA

SUMMARY: Harsco has become aware of performance and reliability issues on Callisto due to the current GPS antenna (5048280). Therefore a new, more reliable GPS antenna (5100989) is recommended as a replacement to improve the performance. All Callisto units sold prior to June 2019 are affected.

OPERATIONAL IMPACT: GPS could lose connection and cause performance issues with the Callisto recording.

ACTION: Follow the instructions in the Service Bulletin to replace the GPS antenna.

CONTACT: Protran Technology Service Department
Columbia, SC Facility
(973) 250-4176
(973) 862-6220

Safety Information



- FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURES TO DISABLE ENERGY SOURCES WHEN PERFORMING MAINTENANCE, MAKING ADJUSTMENTS OR REPAIRS TO THE EQUIPMENT. FAILURE TO HEED THIS WARNING COULD RESULT IN SEVERE BODILY INJURY.

Replacement of GPS Antenna

1. Remove the existing antenna cable from the Callisto box and remove cable ties, if any.
2. Detach the existing antenna (1) from the vehicle surface as shown in Figure 1.

NOTES:

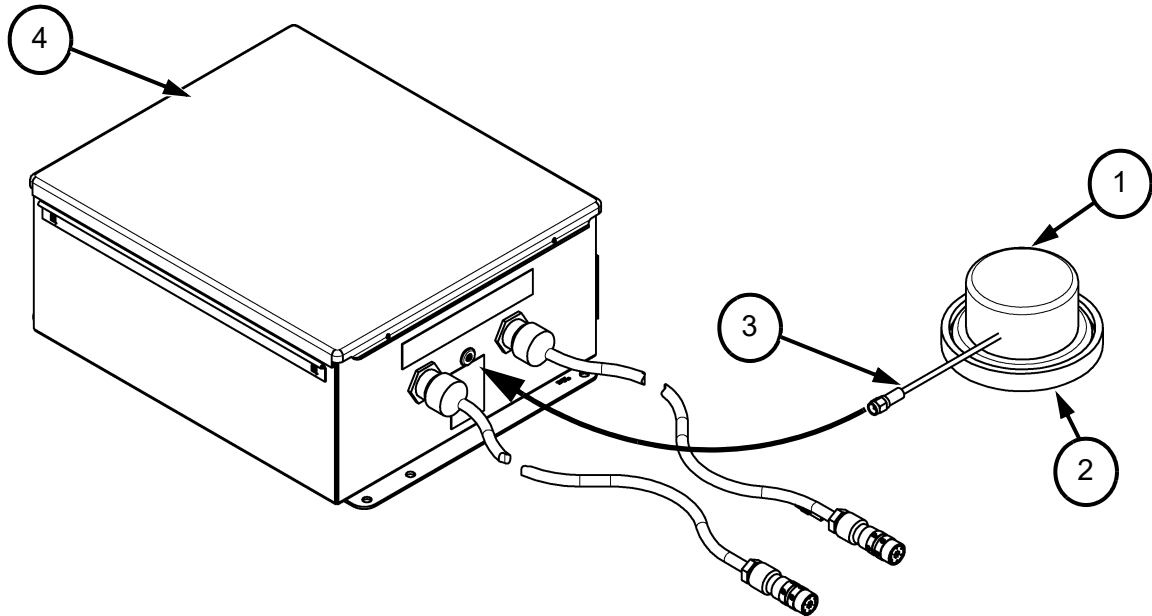
Mark the existing antenna (5048280) spot. The new antenna (5100989) should be installed in the exact spot.

3. Route the antenna cable (3) to the vehicle surface and secure the cable (3) with cable ties. Refer to Figure 2.
4. Connect the new antenna cable (3) to the Callisto box (4).
5. Attach the new antenna (1) in the same location as the old antenna using magnetic mount (2).
6. Use existing extension cables, if available.
7. Use the extension cables, if required.
 - 5075221 - 10FT
 - 5070713 - 15FT
 - 5075169 - 25FT
 - 5075170 - 50FT

FIGURE 1
OLD GPS ANTENNA (5048280)



FIGURE 2
NEW GPS ANTENNA (5100989)



© 2018 HARSCO CORPORATION, ALL RIGHTS RESERVED

306 West 4th Street
Fairmont, MN
56031-1837
Tel: (507) 235-7376
Fax: (507) 235-7372

2401 Edmund Road, Box 20
Cayce-West Columbia, SC
29171-0020
Tel: (803) 822-9160
Fax: (803) 822-7403

200 South Jackson Road
Ludington, MI
49431
Tel: (231) 843-3431
Fax: (231) 843-1644

Printed In USA