

TECHNICAL INSTRUCTIONS

X4™ TAPED HARNESS SUPPORT ROD (CTD P/N 58-01438-00SV)

KIT CONTENTS

Qty	Part Number	Description
1	58-01438-00	Support Rod
4	58-04523-00	Ty-Wrap
1	98-50350	Instructions

INSTRUCTION

These instructions are to aid in the wiring harness inspection and installation of the X4 7300 and 7500 wiring harness support rod. Inspection and rework should be performed as soon as possible on all units with serial numbers in the ranges identified in Service Bulletin SER15-030.

CAUTION: Before performing any work, ensure the unit start-run off switch SROS is in the OFF position, the negative battery cable is disconnected, and any external shore power is removed. Proper lockout / tag out procedures MUST be followed.

1. Remove the bottom panel.
2. Cut the 2 center ty-wrap securing the wiring harness to the frame under the unit.



3. Inspect wire harness for damage from the bottom panel rubbing.

NOTE: Take photo of damage before repairing for warranty claim.

4. If the tape is not abraded to the point that wires can be seen, skip to step #9.
5. If there is abrasion to the tape or wiring insulation, but the wire insulation is not compromised (no copper showing), skip to step #8.

6. If any of the wires have copper conductors visible and are intact, remove the textile tape for access and use Liquid Tape to cover exposed conductor, then skip to step #8.
7. If any of the copper conductors are more than half worn, cut the wire at the damage, strip, and repair using a butt splice and glue lined heat shrink.
8. Using textile tape (CTD 02-00137-00); wrap the exposed section of the harness.
9. Position the support rod on the harness using 2 ty-wraps in the center and one at each end securing it to the ty-wrap base.



NOTE: Be sure to center the support rod on the harness between the inner ty-wrap bases. The support rod should extend equal distance on both sides of the ty-wrap bases (the support rod shown in the picture above is gray in color for picture visibility only. The actual support rod will be black in color).

10. Reinstall the bottom panel and torque hardware to 96 in-lbs.
11. Re-connect the negative battery cable
12. Turn **SROS** on and check for proper operation of unit.