Field Service Spares Replacement Procedure — CL Belt Kit, XX06ZRA & XX09 For Idler

Approval:

Approving Authority	Signature	Date
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Revision History

Rev.	ECO	Description of Change	Date
A	8795	Initial release	08-05-2011
В	9041	Clerical revisions	10-03-2011
С	9170	Clerical revisions	12-06-2011

Page 1 of 1	Sea Tel	Document No 135276 Rev C
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1. Inspections:



*CAUTION: Be extremely careful rotating the pedestal around while your fingers are in this area to prevent pinching or crushing your fingers in the pedestal assembly.

1.1. Alignment.

Inspect the alignment of the belt through the motor drive sprocket and the driven sprocket. Misalignment will cause the belt to wear along its edges (refer to pictures below).

1.2. Damage.

Inspect the belt for damage. Look for teeth that have de-laminated, or been completely torn off the belt (refer to pictures below).



Belt edge wear







Seperating tooth and edge wear

Page 1 of 2	Sea Tel	Document No 135276 Rev C

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2. Replacing the Cross Level Drive Belt:

2.1. Tools.

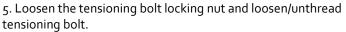
- 5/64" Allen Wrench/Key
- #1 Phillips Screwdriver
- Snips/ Cutters
- Loctite 242

2.2. Procedure.

Procedure for replacing the cross level belt for the XXo6RZA and XXo9 systems w/idlers, Sea Tel kit part number: 135352 (belt part number: 123907-13537).

*CAUTION: Power down the pedestal before following this procedure.

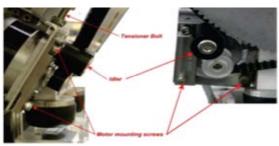
- 1. Using a 5/64" Allen wrench Loosen the four motor mounting screws.
- 2. Cut the cable ties across the top of the cross-level driven sprocket.
- 3. Using a #1 Phillips screwdriver remove the two screws to temporarily disconnect the cables from the standoffs.
- 4. If the failed belt was not broken, decouple it from the cross-level motor drive sprocket and remove it.



- 6. Route the replacement belt around the cross-level driven sprocket and couple it onto the drive sprocket of the motor.
- 7. Apply Loctite 242 to, and re-install, the 2 Phillips screws removed in step 3.
- 8. Install 2 cable ties across the top of the cross-level driven sprocket as were removed in step 2.
- 11. Loosen the locking nut on the tensioner bolt and apply Loctite 242 to the thread. Then tighten the tensioning bolt and check belt tension by twisting the belt with your fore finger and thumb.
- 12. Increase belt tension until the belt can only be easily twisted just ¼ turn with your fingers.
- 13. One at a time, apply Loctite 242 to the four motor mounting screws and tighten each to secure the motor.







Page 2 of 2

Sea Tel
Document No
135276 Rev C

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