Creo Products Inc.

Engineering Change Order

ECO#: C371

Originator: PETD **Page:** 1

Department: PROD. **Date: 8/13/98**

Engineering Changes

Part #	Rev/Status From	To	Description	Product	ECRs	Back Comp?	Prod. Class	Serv. Class	Reason for chg.
10-3209B	C	D	CAB,ASSY,FLEX TRACK,TS3	TS3	N/A	Y	3	S	7
16-3532		IN	CAB,COAX,SMA-SMA	TS3	N/A	Y	NA	NA	7
16-3532A	PR	A	CAB,COAX,SMA ML-SMA ML,RG316 15FT	TS3	N/A	Y	NA	NA	7

Copies To:	Title:	Signature:	Date:	Code Descriptions			
	Design Eng.			Status	Service	Production	Reason
	Production Eng.	PETER DE BUEN	02/07/98	AC - ACTIVE IN - INACTIVE OB - OBSOLETE PR - PREREL.	R-RETROFIT S-NEXT CALL F-NEXT FAIL T-THEIR COST N-NOT UP-GRADABLE NA-NOT APPL.	1-RETROFIT ALL UNITS 2-FINISHED GOODS 3-WIP 4-FUTURE 5-DOCUMENT ONLY	1-DESIGN 2-MANUFACT 3-ASSEMBLY 4-DOCUMENT 5-COST 6-MAINT. 7-RELAIBIL. 8-SOFTWARE 9-OTHER
	Field Service Eng.						
	Project Eng.						
	Project Manager	STEVE FROESE	02/07/98				
	Product Manager						

Details of Problem and the Changes

Problem:
The current hot-link cable used in the Trendsetter 3244 has been breaking on a fairly regular basis. It was found upon investigation that the current cable contains a solid core conductor, this type of core is not capable of withstanding the number of cycles endured through the product's life.

Solution
The current cable 16-3532 will be replaced with a stranded core coax cable (RG316) 16-3532A capable of the flexing required. New cable is backward compatible with the old style cable.

10-3209B	Changes to BOM to incorporate this new cable.
16-3532	Inactive for production
16-3532A	Released to production

Documentation Changes

Part #	Rev/Status From	To	Documents Type	Status/Resp.	Type	Status/Resp	Type	Status/Resp	Type	Status/Resp
10-3209B	C	D	AD	AT/PETD						

Status Codes: AT- Udated document is attached RL- Redlined document is attached UP- No document attached, update will follow NC- No changes required to document
Resp.: NAME-four letter Creo employee who is/was responsible for updating the document

Production Implementation

Part #	Qty in Stock	Action	Qty in Process	Job #/ P.O. #	Action	Comments
16-3532		SCRAP				

Action Codes: USE AS IS- parts can be used without modification SCRAP-parts must be scrapped REWORK- parts must be reworked as specified
CANCEL- cancel P.O. or job UPDATE- update P.O. or job to new version/revision TRANSFER- parts available to be transferred to production

Field Service Implementation

Field Upgrade Kit: None

For units: S207 and lower require replacement at next service call.

Special Tools Required:

None

Field Upgrade Instructions:

Replace existing cable as required.

Actions

MICD	Inform STAT of changes and ensure tat they are ordering the correct part. Find out when they can implement this change.
RAVV	Check that all open PO's are for the 16-3532A and cancel orders for the 16-3532. Only approved vendor is HITECH cable assembly.
STEF	FYI note S208 is the first unit built with the new coax cable (16-3532A).
VIRM	Coordinate rework of in-house units.
SERVICE LOGISTICS	FYI.