



DOCUMENT CHANGE NOTICE (DCN)

DCN No. E010166-00-C

Sheet 1 of 1

DOCUMENT No. (DOC-REV-GP.ID)	TITLE	NEW REV.
D980352-B-C	PMC Servo Rev C Attachment: Cut & Jumper Description (pp. 1-3)	C

CHANGE DESCRIPTION (FROM/TO):

1. R41, R42, L1, C4 form a revised demodulation filter replacing C4, L1, R10
2. C46 (5 pF) has been added across R2
3. R43 (330Ω), C11 (1 uF) form a revised lag network around U6. C12 (.047 uF) and external 200 Ω resistor at U15-14 have been eliminated.
4. The 64K external resistor @ U9-1 is now designated R44; Its value is 63.4K
5. R10 (49.9 Ω) has been added.
6. C25, C36, R34, R32 are no longer installed
7. Attached Cut/Jumper Description
8. Attached Cut/Jumper Description
9. Attached C/J Description
10. R11/R12 change from 7.96K/79.6K to 7.87K/78.7K
11. Ground U3-8 and U3-9.
12. Make the following jumper connections: J10-1 to P2-7C (BMxOut-) and J10-4 to P2-7A (BmxOut+); J10-2 to P2-8C (RActDr-) and J10-3 to P2-8A(RActDr+)

REASON FOR CHANGE:

1.Reduced filter response sensitivity to component variation; 2. Neutralization of op-amp input parasitic; 3.Removal of capacitive loading on U5A and U6. Circuit simplification; 4. Part availability 5.Ground floating switch input. 6. Not needed 7. Device hook-up correction 8. Attached C/J-PCB error 9. Attached C/J – PCB error. 10. Availability 11. Noise consideration.

ACTION:

Incorporate Change Attach DCN to drawings(s) Other action (specify):

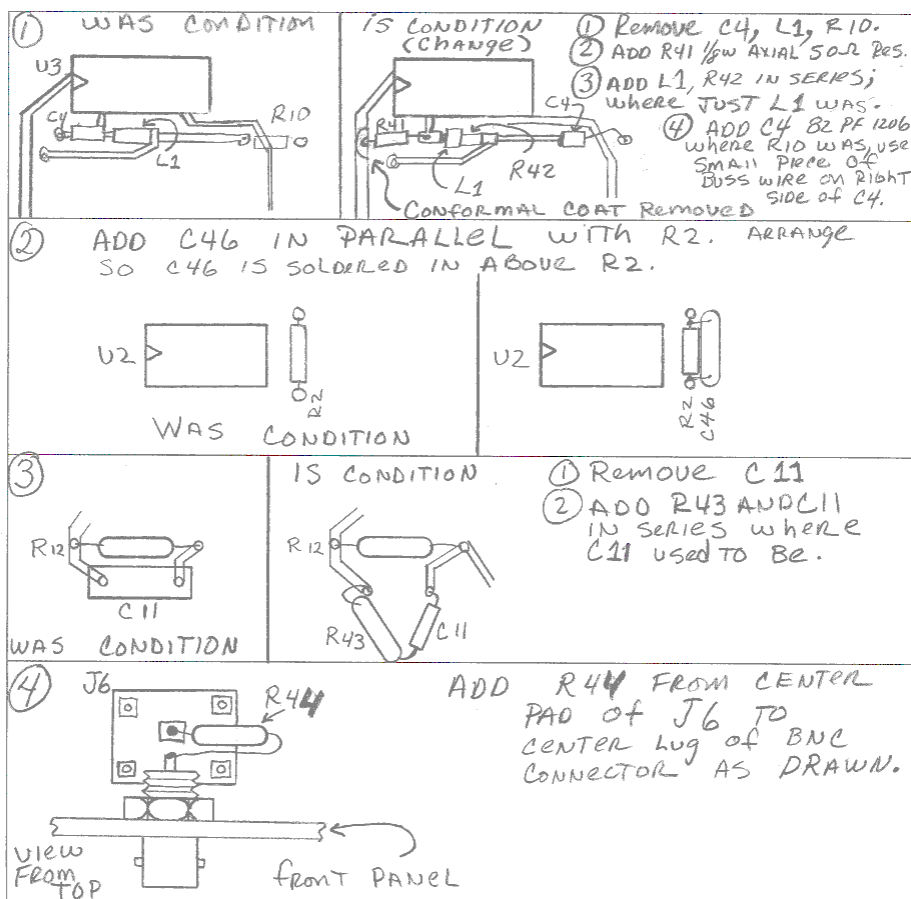
DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)	DCN DISTRIBUTION
No hardware affected (record change only)	Coyne, R/B Abbott, Heefner, Savage, King, Liu, Tyler, McCarthy, Wooley, Russell, Sanders, Barish Matherny, Whitcomb, Coles, Raab, Weiss, Stapfer,
List S/Ns which comply already:	Lindquist Lazzarini, Shoemaker, Kovalik, Bovich
List S/Ns to be reworked or scrapped:	
List S/Ns to be built with this change: All RevB boards	
List S/Ns to be retested per this change:	

SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT?	NO	YES	(If yes, enter CR (CCB) or TCP (TRB) No.
APPROVALS			OTHER APPROVALS (specify)
Originator: R. Karwoski			DATE
Task Leader:			
Group Leader: D. Coyne			
DCC Release:			

CUT & JUMPER DESCRIPTION

Board or Module/Rev	DMC REV C
DCN E010166	
Date 10/1/01	
Originator - PR	

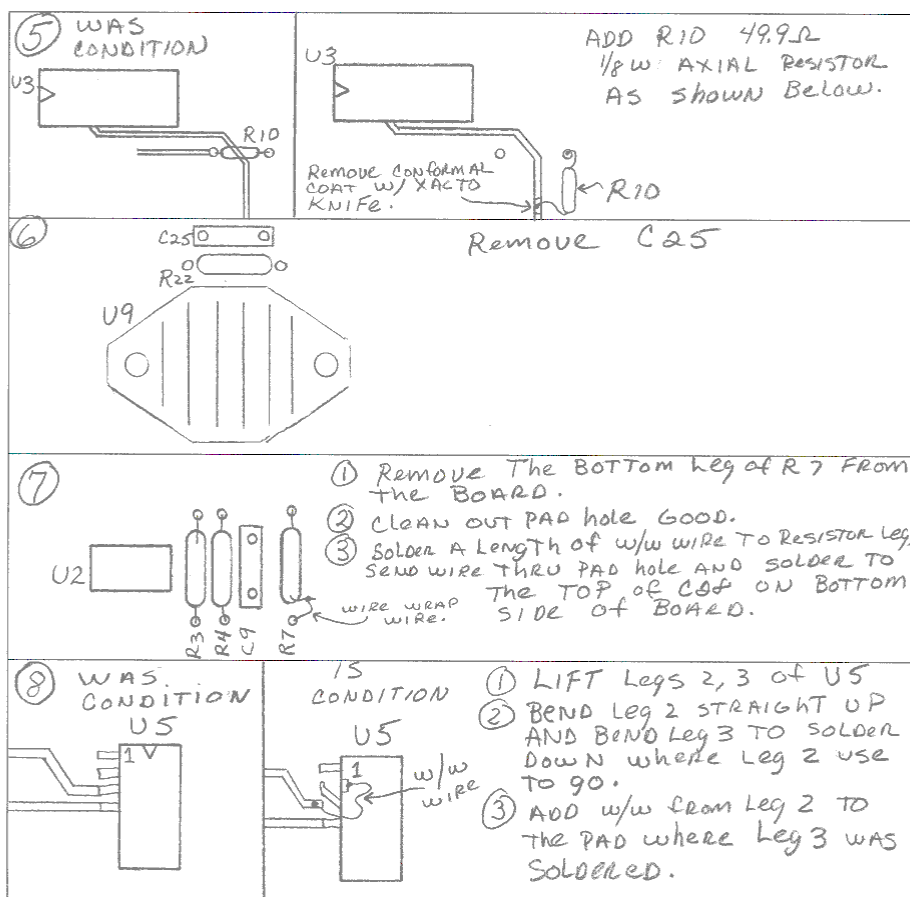
Draw the physical representation of the engineering change that needs to be implemented, and reference the DCN item number.



CUT & JUMPER DESCRIPTION

Board or Module/Rev	
DCN	
Date	

Draw the physical representation of the engineering change that needs to be implemented, and reference the DCN item number.



CUT & JUMPER DESCRIPTION

Board or Module/Rev	
DCN	
Date	

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