



INSTRUCTION TO SERVICE

ITS: 6167	
SECTION:	294 Power Cables
WRITTEN BY:	K. Baziuk
SUBJECT:	Rotate Current Sensor

ITS6167

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PROCEDURE:

1. Turn the main battery disconnect switch to the “OFF” position.
2. Locate the current transducers. Refer to Figure 1.

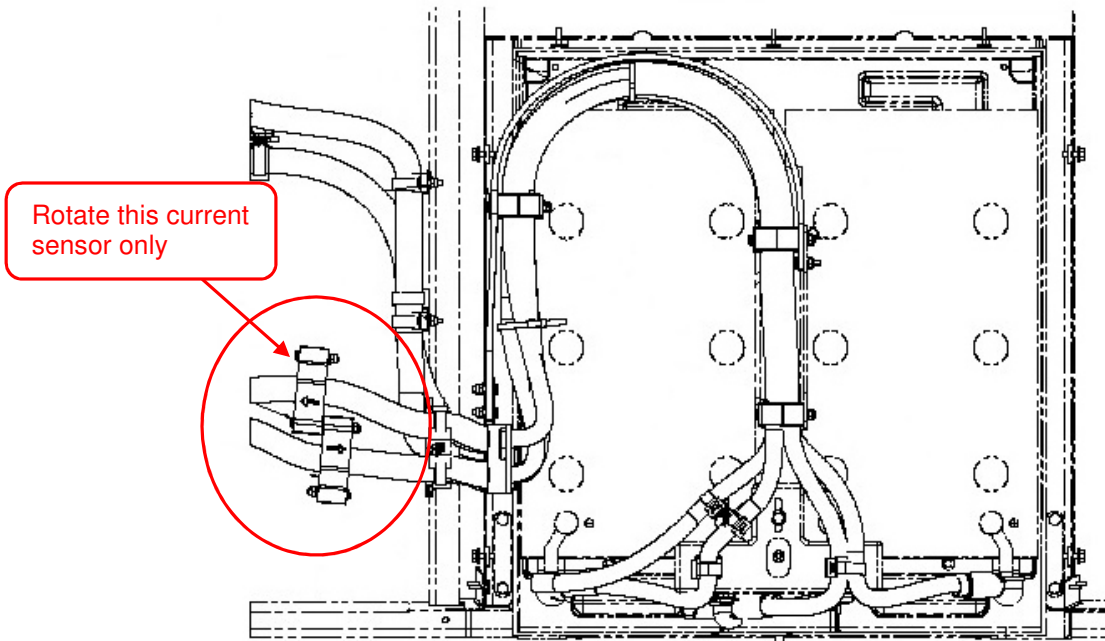


Figure 1: Location of Current Transducers

3. Gain access to disconnect switch terminals. Refer to Figure 2.
4. Remove brass nut from disconnect switch and remove cable P/N: 446504 PS3PC-12V BAT TO DISC SW
5. Pull cable assembly through the fuse box and towards the current sensor.
6. Remove pan head machine screw and nut from current sensor assembly. Retain screw and nut for re-use. Refer to Figure 3.
7. Remove current sensor, rotate and re-install.
8. Re-route the cable assembly back into the fuse box. Torque terminal at battery disconnect switch to 14 ft-lbs.
9. Apply lubricant NYK-77 to electrical connection after torquing.
10. Turn the main battery disconnect switch to the “ON” position.
11. Return to coach to service.

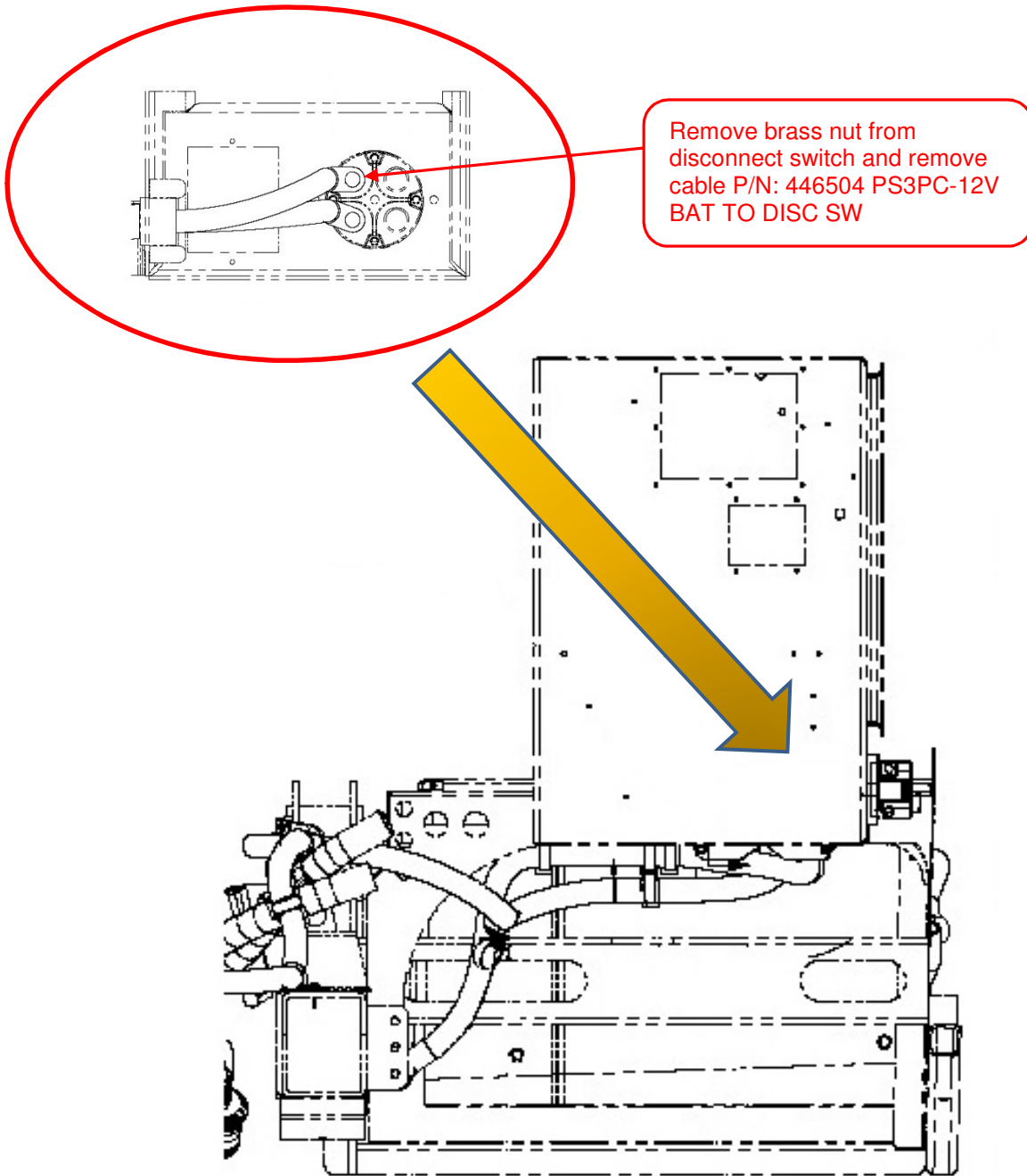


Figure 2: Disconnect Switch

NOTE 1:

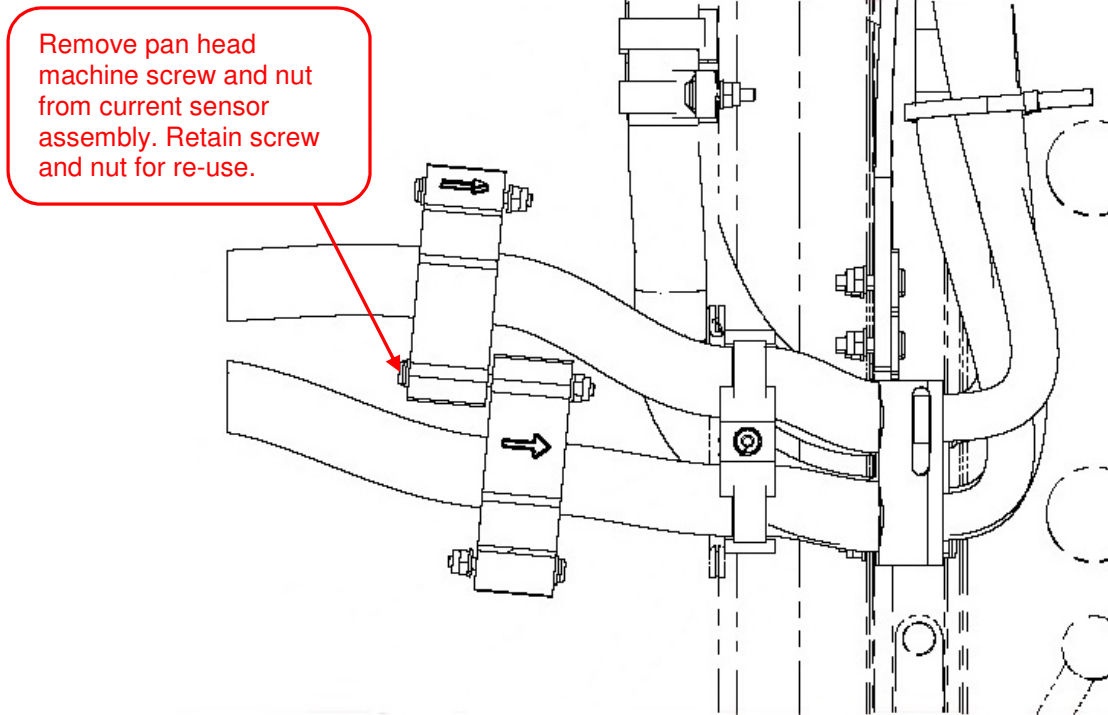


Figure 3: Current Sensor Assembly

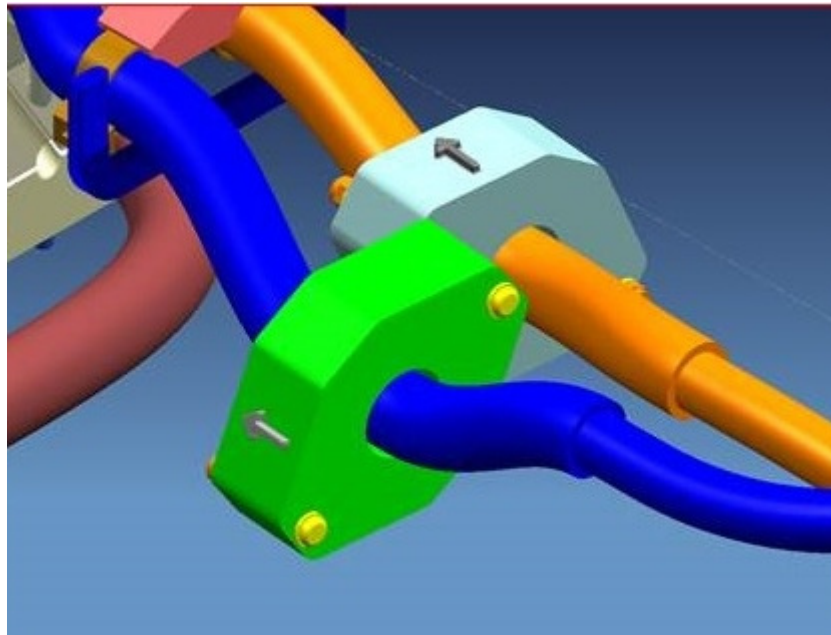


Figure 4: Correct Orientation of current sensors



LABOUR ESTIMATE				
	Operation	Men	Hours	Labour Time M X HR
1	Rotate Current Sensor	1	0.5	0.5

PARTS KIT REQUIRED					
Item	Part Number	Description	Qty. per Coach	Units	
				EA	

PARTS INCLUDED IN KIT.					
Item	Part Number	Description	Qty. per Coach	Units	Notes
1	8111767	LUBRICANT NYK-77	0.01		Source locally

SPECIAL TOOLS REQUIRED					
Item	Part Number	Description	Qty. pe. Coach	Units	Notes
		NO SPECIAL TOOLS REQUIRED			