

## PSS35000

1. Remove the screws holding the engine control front cover on and gently pull the front cover forward to gain access. Locate both the Engine Control Module (ECM) and the PR1 relay. The PR1 relay is the small 240 volt single pole/double throw relay mounted on the back wall cabinet. The ECM is also mounted on the back wall of the engine control.

2. Remove the T-7 lead from the PR1 relay and replace it with the G1 lead on the enclosed resistor assembly. Plug the T7 lead you removed, to the mating lug on the resistor assembly.

3. Locate lead #27 on the ECM terminal strip. Remove the #27 lead from the terminal block and insulate and cap it off. Install the #27 lead from the resistor assembly to the ECM terminal strip here the old lead was.

4 The last step will be to adjust the overspeed.

- There is a small hole in the face of the ECM the lines up with the adjustment hole in the back wall of the engine control cabinet. This adjustment hole allows you access to a multi-turn adjustment pot on the ECM control board from outside the engine control cabinet.
- Before proceeding, put the cover back on the engine control cabinet. Be sure none of the leads have been pulled loose and none of them are pinched when replacing the cover
- Before starting the unit adjust this pot 6 to 8 turns counterclockwise.
- Next start the engine generator set and continue to turn counterclockwise until the unit trips out on overspeed.
- Turn the switch to the off position to reset the shut down and turn the pot 3 turns clockwise.
- Attach a frequency meter to the generator output and restart the generator. Gradually accelerate the engine watching the frequency meter. You want the engine to get to 67 Hz before it shuts down on overspeed.
- If it shuts down before you get to 67 Hz continue to adjust the pot clockwise until it will not trip out until you reach 67 Hz.

5. Verify the control is in the "AUTO" position and close up the unit.

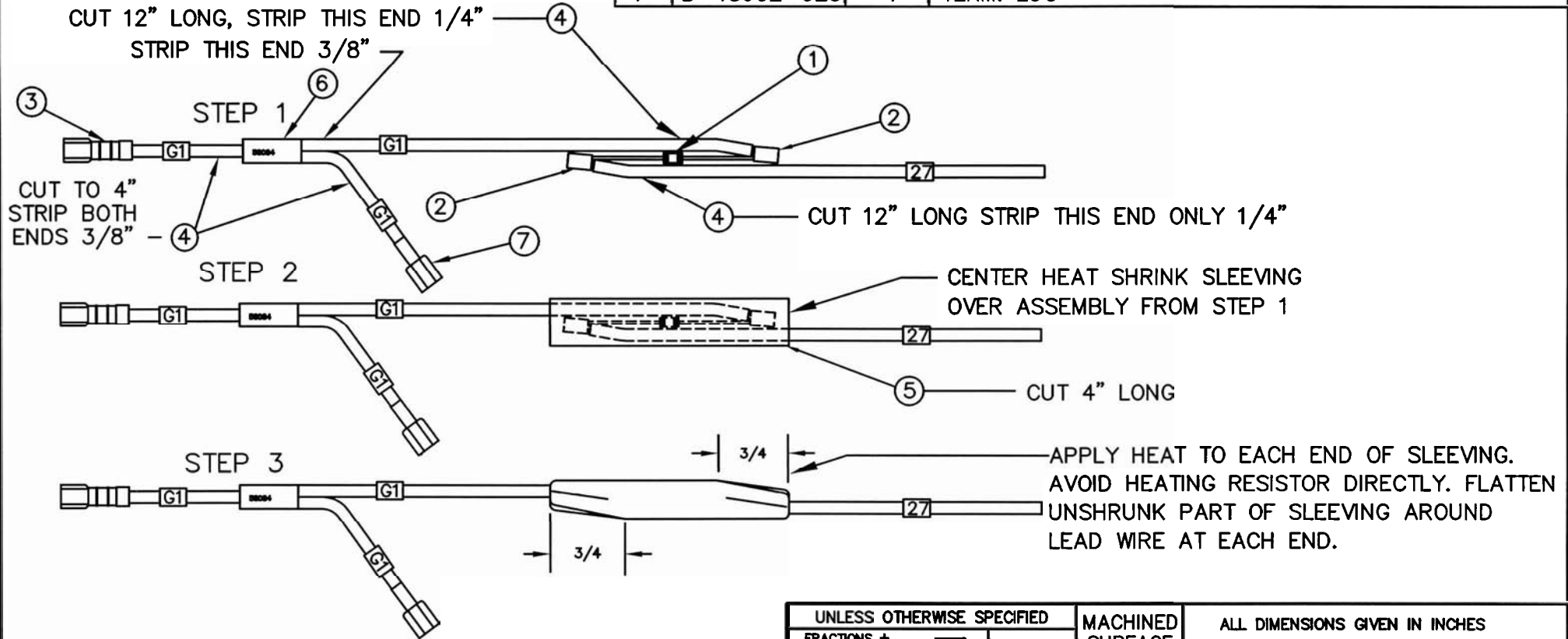
This completes the installation on the PSS35000 units

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P/N 60710-111

A-62029-002

ITEM	PART NO	QUAN.	DESCRIPTION
1	A-47074-049	1	RESISTOR, 33000 OHM
2	A-53828-002	2	SPLICE CONNECTOR
3	B-48602-024	1	TERM. LUG
4	A-12624-000	2.7 FT	#16 GA. BLACK LEAD WIRE
5	A-93893-000	.33 FT	HEAT SHRINK SLEEVING
6	A-58084-000	1	TERM. LUG
7	B-48602-025	1	TERM. LUG



UNLESS OTHERWISE SPECIFIED		MACHINED SURFACE TEXTURE		ALL DIMENSIONS GIVEN IN INCHES			
FRACTIONS ±		ANGULAR		WORK TO DIMENSIONS			
1. PLACE DEC. ± .1		± 1.5°		- DO NOT SCALE -			
2. PLACE DEC. ± .031							
3. PLACE DEC. ± .005							
THIS DRAWING CONTAINS PROPRIETARY INFORMATION BELONGING TO WINCO, UNAUTHORIZED USE IS PROHIBITED.	DRAWN BY	DATE	CH'KD BY	DATE	APP'D BY	DATE	SCALE
	J.L.	9/4/02					1"=2"
	MATERIAL: ---						
	FINISH	TITLE					
ASS'Y	X	RESISTOR ASS'Y					
MODEL	X						
						PART NO.	
						A-62029-002	

ISSUE	E.C.O. NO.	DESCRIPTION	DATE	BY	APPR.
2		UPDATED STRIP LENGTHS	10/24/02	J.L.	
1	---	ORIGINAL	----	---	---

REVISION RECORD