

ARCS PROCEDURE:	SPARE PARTS LIST FOR GENERATOR	PRO(GEN)-002.002
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## Spare Parts List For Generator

### I. Purpose:

This document lists the spare parts for the ARCS generator.

### II. Cautions and Hazards:

None.

### III. Requirements:

See list.

### IV. Procedure:

#### A. Spare Parts List For Generator:

1. Fuel filters: for Racor pre filters- model 73 10000FG diesel fuel filter with water separator. Racor filter # 202SM-04, 2 Micron. 1-800-344-3286: 4 each.
2. Fuel filter secondary, Caterpillar P/N 1R0740: 2 each.
3. De-Ionized water for batteries-usage approx. 24oz per week: 5 gallons.
4. Oil: Shell Rotella T, Caterpillar, or Chevron Dello 400, -5 gallons.
5. Oil sampling kits: 2 each.
6. Coolant system test kit: 2 each.
7. Conditioner for coolant.
8. Basic mechanic tools.
9. Oil filter strap wrench, oil filter diameter 4 inches.
10. Fan belts: 2 sets of 3 ea. Caterpillar 3N7210 fan drive group part no. 8L4526 1 set consists of 3 V belts.
11. Hoses 1 each Caterpillar P/N 5P1260.
12. Hose clamps 1 set of 2 each Caterpillar P/N 5P4868.
13. Polyurethane spray cans for electrical connections.
14. Small bucket or 6"x 8" plastic drip pan for changing fuel filters (to keep dripping fuel off batteries during replacement).

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15. Relays in transfer switch: 12V DC Caterpillar P/N 9Y8004 TR for transfer and TD for time delay. 240V AC relays in transfer switch, Caterpillar P/N 9Y8021: 2 each required.
16. Grease gun and various grease rags.
17. Air filters (5 primary, 1 secondary) primary element, Caterpillar P/N 7W5317, secondary element, Caterpillar P/N 9S9972.
18. Fuel filter gaskets Caterpillar P/N 7N9520: 2 each.
19. Oil filters Caterpillar P/N 2P4004: 3 each.
20. Spare water pump, Caterpillar P/N 2W8001.
21. Small shop vac.
22. 9V batteries: 4 each.
23. Voltage card in transfer switch, normal source voltage interface module, Caterpillar P/N 9Y8016 and normal voltage sensing with adjustable drop out, Caterpillar P/N 9Y7998.
24. Spare 24V bulbs for panel lights, Caterpillar P/N 7N5876: 3 per set.
25. Variac power supply at walker radio 0-240v AC or 0-480v AC.
26. Fuses for voltage regulator (KTK-R-12) or Caterpillar P/N 9Y8419: 2 sets of 2 each.
27. Phase rotation meter from Grainger (A.W. Perry model PSI-8031) Grainger No. 1A748- (\$58.86).
28. Hearing Protectors.
29. Call Alban Engines for current parts manuals: ours are dated Dec. 1994, and we have a 1995 build system. Example is voltage regulator on page 239D. The regulator is not specified because the number system is different for our 1995 built system opposed to the 1994 catalog.
30. Generator mounted control panel lamp, Caterpillar P/N 7N5876: 1 set is 2 each); 2 amp 600v AC fuse; Caterpillar P/N 7W-0482: 4 each; and 10 amp 32V AC fuse, Caterpillar P/N 3K-8782: need 8 each.

**B. GENSET Information:**

1. Generator Model SR-4.  
S/N 9AB04716  
Arrangement # 4W8957
2. Engine Model 3304B.  
S/N 83Z08775

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Arrangement # 1W3878

3. Transfer Switch.

Caterpillar Model # TCB1C5PEB1B1XXR3X0

Caterpillar Numerical Code UAUMDRE

S/O # DL372

Generac S/N 24972

Switch Rating 150 Amps

400 Volts

50 HZ

4. Generator Mounted Control Panel EMCP II.

Model # EA3EFR5C1XXXP1XE3

Panel # 1031582

ESO # DL370

Date Code MNUNDA

**V. References:**

None.

**VI. Attachments:**

None.