RotorWay INTERNATIONAL

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TO ALL EXEC 90 BUILDERS
and
EXEC OWNERS WITH DUAL ELECTRONIC IGNITION SYSTEMS

ADVISORY BULLETIN A-16

History: Electrolytic corrosion occurs when there are dissimilar metals in contact with an electrolyte (normally a fluid), and a path for electrical current. Inspection of the Dual Electronic Ignition Engines has revealed several areas that show signs of this type of corrosion. This corrosion is due to the path of electrical current from the ignition system and starter.

Action: To help prevent electrolytic corrosion and prolong the life of your engine, RotorWay International strongly recommends that you observe the following procedures:

1) The negative battery cable that runs from airframe ground to the lower engine cover should be relocated, so that it runs from airframe ground to the forward starter mount bolt. The amount of cable required for relocating is 36-1/2".

2) Install 14 gauge ground wires from cylinder head bolts (center front position) on both cylinder heads to the forward starter mount bolt. The ground cable and ground wires will be attached at the same point. The eyelets used on the ground wires are a heavy duty type and will not affect the torque requirement of the head bolts.

A revised page 70 of the RI 162 engine manual is included to show the attachment of these wires to the starter mount. (This will replace page 68 in earlier editions of the manual.)

All parts required for engine grounding are available from RotorWay International. When ordering, please specify “Ground Wire Kit”, part number E35-8700.

F. IGNITION SYSTEM 24-8000

REF. #	PART #	DESCRIPTION	QTY. PER
1	24-8101	Starter (Lightweight)	1
2	24-8620	Ignition Sender	2
	24-8610	Ignition Pack	2
3	E00-3403	Jam Nut - 1/4-20	2
4	E00-9303	Set Screw - 1/4-20 X 3/4	2
5	E00-3900	Nut - 8mm X 1.25 mm	1
6	E00-4503	Lock Washer - 5/16 Internal Tooth	1
7	E00-4600	Washer - AN960-616	4
8	E00-2615	Bolt - AN6-12A	1
9	E00-2620	Bolt - AN6-17A	1
10	E00-3000	Nut - AN365-624A	2