

# **Chapter 80**

# **STARTING**

FBA-2C1, FBA-2C2, FBA-2C3  
FBA-2C4, FBA-2C3T, FBA-2C4T

Found Aircraft Canada  
Maintenance Program FAC2-M200

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FBA-2C1, FBA-2C2, FBA-2C3  
FBA-2C4, FBA-2C3T, FBA-2C4T

Found Aircraft Canada  
Maintenance Program FAC2-M200

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## **80        STARTING**

### **80-00    GENERAL**

Refer to Textron Lycoming Operators Manual 60297-10 (2C1 & 2C2) or 60297-28 (2C3 & 2C4), and Found Aircraft Canada Inc. Pilots Operating Handbook.

FBA-2C1, FBA-2C2, FBA-2C3  
FBA-2C4, FBA-2C3T, FBA-2C4T

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## **80-10 ENGINE CRANKING**

Protect your starter, do not overheat! Crank for no more than 10 seconds then allow 20 seconds cool-down. Repeat up to six times. Then let starter cool for 30 minutes.

FBA-2C1, FBA-2C2, FBA-2C3  
FBA-2C4, FBA-2C3T, FBA-2C4T

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## **80-11 STARTER**

The starter is mounted on the forward left hand lower side of the engine. There are four studs on the engine mounting pad which align with holes on the starter. When the starter is energized, the pinion gear rotates and moves forward to engage the starter ring gear which is mounted on the engine propeller flange.

### Starter Removal

- Step 1. Open the lower left hand cowl door CP2 - see Figure 06-30-03 Sheet 1(2C1 & 2C2), or remove cowl – see Figure 06-30-03 Sheet 2 (2C3 & 2C4).
- Step 2. Disconnect the starter leads. Label and insulate the leads.
- Step 3. Remove the four nuts which hold the starter to the starter flange. Starter is now free.

To install starter reverse above steps and carry out operational check.

Note: Use one AN936-516 lock washer under each mounting bolt /nut.  
Torque mounting bolt / nut to 100 in/lb.  
Torque starter cable, (wire 48-2), attachment nut to 50-60 in/lb.

### Starter Ring Gear Removal

- Step 1. Slip alternator drive belt off pulley on the ring gear.
- Step 2. Using tape or marker, place an alignment mark on both the prop flange and the ring gear.
- Step 3. Remove propeller. See Chapter 61-10.
- Step 4. Ring gear is now free.

To install ring gear reverse above steps.

Note: Ensure that alignment marks on the propeller flange and ring gear are aligned or the timing marks on the ring gear will not be in the correct position.

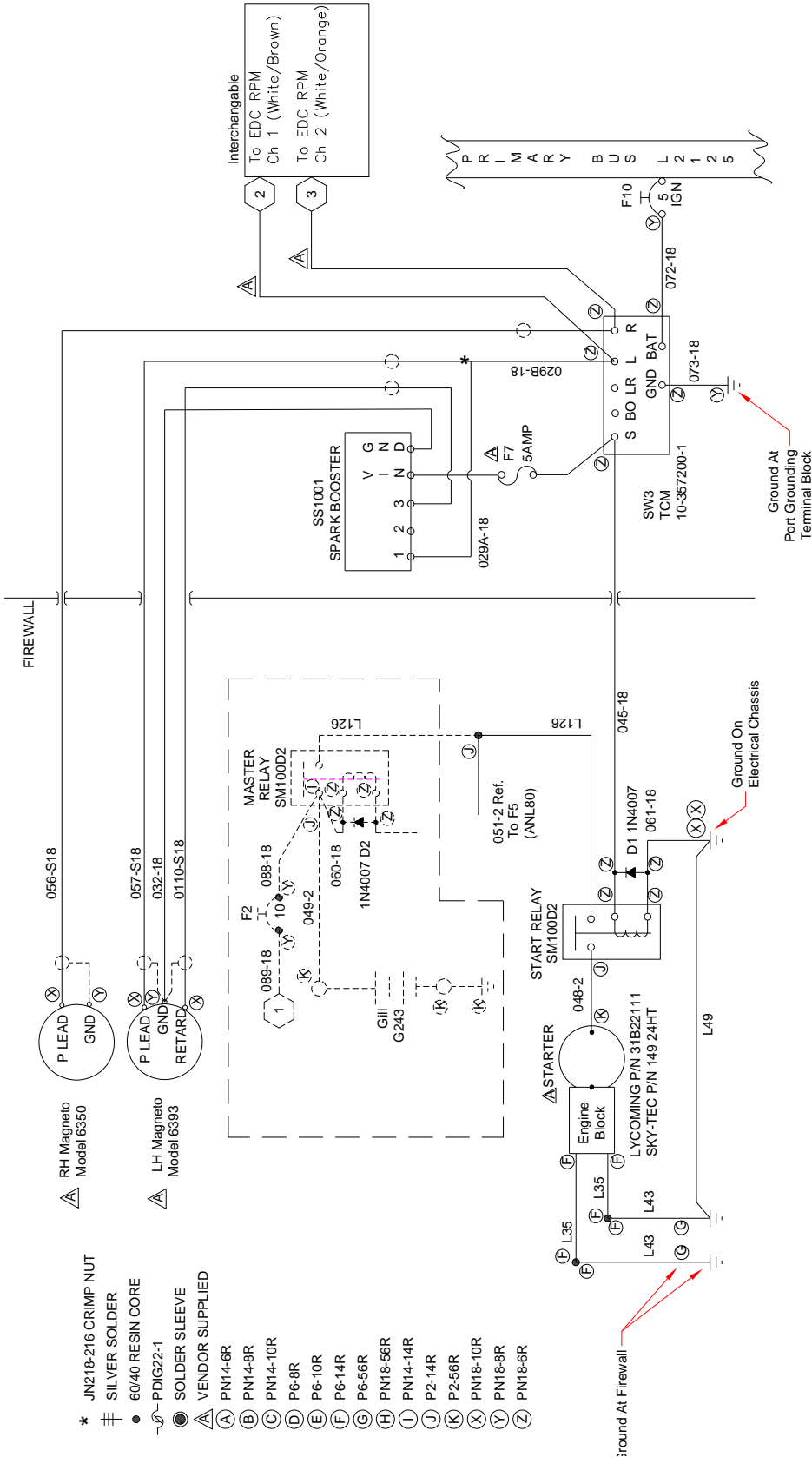


Figure 80-11-01 Starting Schematic (2C3 & 2C4)