

ZONES: 400
 A/C NUMBER:
 REV. DATE: 01/04/08
 FREQUENCY: 4A

W/C NUMBER: 341I8001 DATE:

MFR P/N	DESCRIPTION	QTY
M83248-1-008	Packing	2
2380	ENGINE / APU OIL 2380, TURB.MIL-PRF-23699TY2	A/R

TOOLS	DESCRIPTION	QTY
COMMON	Magnifying Lens, 10x, Handheld (Commercially Available)	1

PANELS
413

REFERENCES
FIGURE 1, AMM 71-11-02, 80-11-01

MECH	INSP
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DETAIL INSPECTION OF THE LEFT ENGINE STARTER MAGNETIC CHIP
 DETECTOR FOR METAL CHIPS.

1. Starter Magnetic Plug Inspection (Figure 1)

_____ XXXXX A. Procedure

(1) Open this circuit breaker and attach a DO-NOT-CLOSE
tag:

(a) Circuit Breaker Panel, P18-2:

1) 18B8 ENGINE 1 START VALVE

(2) Do this task: Open the Fan Cowl Panels
(AMM TASK 71-11-02-010-801-F00 p201).

CAUTION: DO NOT REMOVE THE MAGNETIC PLUG HOUSING OR THE
SAFETY CABLE. THE REMOVAL OF THE MAGNETIC PLUG
HOUSING WILL DRAIN THE OIL FROM THE STARTER.
THE OPERATION OF THE STARTER WITHOUT OIL CAN
CAUSE DAMAGE TO THE STARTER.

(3) Do these steps to remove the magnetic plug [1]:

NOTE: The magnetic plug [1] is a bayonet type.

(a) Push the magnetic plug with your hand and turn
it counterclockwise until it stops.

(b) Pull the magnetic plug from the magnetic plug
housing.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 341I8001 (continued)

MECH: INSP:

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- (4) Examine the magnetic plug for the quantity and type of contamination:

NOTE: Carbon and dirt can make sludge on the magnetic plug. You can make a wrong analysis of the quantity of contamination when the sludge mixes with the metal particles.

- (a) Clean the magnetic plug with tissue paper and keep the particles.

- (b) Examine the particles with a 10X magnifying lens for these condition:

- 1) A small quantity of fine slivers and relatively flat flakes of metal shows usual wear.
- 2) A larger quantity of particles in chunk or chip form or particles larger than 0.10 inch shows some internal damage.

- a) Replace the starter. These are the tasks:
Starter Removal
(AMM TASK 80-11-01-000-801-F00 p401),
Starter Installation
(AMM TASK 80-11-01-400-801-F00 p401).

- b) To find if the engine oil has

contamination

by the starter, do this task: Chip

Detectors

and Scavenge Screens Inspection

(AMM TASK 79-00-00-200-804-F00 p 601).

- (5) Do these steps to install the magnetic plug [1]:

- (a) Remove and discard the two packings [2] on the magnetic plug.

- (b) Apply clean oil, engine, EXXON 2380 to two new packings [2].

- (c) Install the two packings [2] on the magnetic plug.

A/C NUMBER:

CHECK BEING PERFORMED: Cust

W/C NUMBER: 341I8001 (continued)

MECH: INSP:

(d) Put the magnetic plug in the magnetic plug housing and align the bayonet pins with the slots.

(e) Push the magnetic plug until the pins touch the bottom of the slots and turn the plug clockwise until it locks.

(6) Do this task: Close the Fan Cowl Panels (AMM TASK 71-11-02-410-801-F00 p201).

(7) Remove the DO-NOT-CLOSE tag and close this circuit breaker:

(a) Circuit Breaker Panel, P18-2:

1) 18B8 ENGINE 1 START VALVE

***** END OF WORKCARD *****

