

ZONES: 400
 A/C NUMBER:
 REV. DATE: 03/19/07
 FREQUENCY: A/R

W/C NUMBER: 540M7901 DATE:

MFR P/N	DESCRIPTION	QTY
44066	O-Ring	A/R
KB21353	O-Ring	1
M83248-1-149	Cap Seal	1
QA03638	Scavenge Filter	1
QA03945-01	Main Oil Filter	1
QA2064	Lip Seal	1

REFERENCES

AMM 12-21-01, 71-00-00, 71-11-00, 71-12-00, 72-01-00 540M7901

MECH INSP

ENGINE OIL SCREEN CHANGE

NOTE: To be scheduled at each engine change and 20 - 50 hours after engine change and non-routinely with Oil Consumption Check. When scheduled with engine change, oil screen is to be accomplished after engine change run. When scheduled 20 - 50 hours after engine change, no initial run is necessary.

1. Accomplish Oil Screen Change

- _____ XXXXX A. Open cowling (Ref. AMM 71-11-00).
- _____ XXXXX B. Remove and install one (1) clean oil scavenge filter (P/N QA03638), lip seal (P/N QA2064) and cap seal (P/N M83248-1-149) per AMM 72-01-00.
- _____ XXXXX C. Remove both end circlips from scavenge screen, wash screen in solvent and collect debris for evaluation.
- NOTE: Do not discard removed scavenge filter. Return to IND Shipping and Receiving for cleaning.
- _____ XXXXX D. Remove slave test cover from main oil pressure filter housing. Replace test filter with 30 micron main oil pressure filter element (P/N QA03945-01) and new O-Ring (P/N KB21353) per AMM 72-01-00. Attach serviceable oil filter cover and return slave test filter cover TIC# _____ to IND Tool Room.
- _____ XXXXX E. Check master scavenge and internal wheel case magnetic chip detectors.

NOTE: Check detector O-Rings (P/N 44066) for condition. Replace if necessary. Install detector and pull up

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CHECK BEING PERFORMED: Cust

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sharply to ensure detector is latched.

F. If contamination was found in steps 1.C or 1.E, perform the following:

XXXXX (1) Remove Pressure Filter element end caps by placing in strong vice and pry/knock off end caps. Separate pleats and remove paper gauze from between screen mesh and evaluate condition. Tear off approximately one foot strip of paper and determine if magnetic. Paper should not be dark, but rather the color of a brown paper sack. Check for ferrous and non-ferrous material.

XXXXX (2) Run engine for 15 minutes at 70 percent N3.

XXXXX (3) Rechange filters and recheck until deemed clean.

G. Run engine and leak check (cowling open) (Ref. AMM 71-00-00).

XXXXX H. Check and service engine oil (Ref. AMM 12-21-01).

XXXXX I. Close and secure cowlings (Ref. AMM 71-11-00 or 71-12-00).

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