
Purpose: To add option for Quick Disconnect Chip Detector

Eligible Serial Numbers: 53585, 53494, 53868, 53641

Compliance: Optional

Description:

Eagle Copters has developed this Technical Bulletin to provide an optional Quick Disconnect Chip Detector to facilitate inspection of the chip detector and prevent oil from draining when chip detector is removed. Compliance with this Technical Bulletin requires the parts listed in Table 1 below:

Parts List:

<table>
<thead>
<tr>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>TB-E407-789-5-011</td>
<td>CHIP DETECTOR UPGRADE KIT</td>
</tr>
<tr>
<td>1</td>
<td>0789-03-304-1</td>
<td>SELF CLOSING VALVE</td>
</tr>
<tr>
<td>1</td>
<td>0789-03-305-1</td>
<td>ENGINE CHIP DETECTOR</td>
</tr>
<tr>
<td>1</td>
<td>M85049/126S11S</td>
<td>BACKSHELL, 90, ST RELIEF (4962-P2)</td>
</tr>
<tr>
<td>1</td>
<td>D38999/26KB98SC</td>
<td>CONNECTOR (4962-P2)</td>
</tr>
<tr>
<td>1</td>
<td>*M39023/56-351</td>
<td>SOCKETS</td>
</tr>
<tr>
<td>1</td>
<td>M83248/2-908</td>
<td>O-RING</td>
</tr>
</tbody>
</table>

*INCLUDED WITH D38999/26KB98SC CONNECTOR

Weight and Balance:

The incorporation of this TB has a negligible effect on the aircraft weight and balance.
Procedure:

1. Remove existing 0789-03-306-1 Engine Oil Chip Detector.

2. Install 0789-03-304-1 Self Closing Valve into existing 0789-03-086-1 Chip Detector Housing per Figure 1 of this TB.

3. Install 0789-03-305-1 Engine Oil Chip Detector into 0789-03-304-1 Self Closing Valve per Figure 1 of this TB.

4. Re-wire Engine Oil Chip Detector per Figure 2 of this TB.

5. Notify Eagle Copters that this Technical Bulletin has been accomplished by filling the attached form (sheet 4) and emailing it to Eagle Copters.

6. Make entry into aircraft technical reports to indicate TB-E407-789-5 has been completed.

7. Check engine oil level and engine oil pressure before starting aircraft.

FIGURE 1: CHIP DETECTOR UPGRADE INSTALLATION
NOTIFY EAGLE COPTERS THAT THE TB-E407-789-5 HAS BEEN INCORPORATED INTO THE AIRCRAFT LISTED BELOW.

AIRCRAFT SERIAL NUMBER: ____________________________

AIRCRAFT OWNER: ____________________________

DATE TB-E407-789-5 WAS INCORPORATED ON THE ABOVE AIRCRAFT:

__________________________________________

SIGNATURE OF PERSON RESPONSIBLE FOR ENTRY INTO AIRCRAFT TECHNICAL RECORD:

__________________________________________

PRINT NAME OF PERSON RESPONSIBLE FOR ENTRY INTO AIRCRAFT TECHNICAL RECORD:

__________________________________________

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