



TECHNICAL BULLETIN

UH-1H-II-15-13
15 January 2015

MODEL AFFECTED: UH-1H-II
SUBJECT: ALTERNATE FUEL PRESSURE INDICATOR
HELICOPTERS AFFECTED: Kits K1 and sub

COMPLIANCE: At customer's option.

DESCRIPTION:

Bell Helicopter has qualified a alternate Fuel Pressure Indicator for the UH-1H-II. This replacement indicator will allow operators to procure and repair this indicator in a timelier manner.

APPROVAL:

The engineering design aspects of this bulletin are Bell Helicopter Engineering approved.

CONTACT INFO:

For any questions regarding this bulletin, please contact:

Bell Helicopter Product Support Engineering - Medium Military Helicopters
Tel: 817-280-3548 / mts-medium@bh.com

MANPOWER:

Approximately 8.0 man-hours are required to complete this bulletin. This estimate is based on hands-on time, and may vary with personnel and facilities available.

WARRANTY:

There is no warranty credit applicable for parts or labor associated with this bulletin.

MATERIAL:

Required Material:

The following material is required for the accomplishment of this bulletin and may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty</u>
205-375-010-101	Fuel Pressure Indicator	1
MS3476W10-6S	Connector	1
M85049/52-1-10W	Backshell	1
M39029/5-115	Contact	6
M22759/41-20-9	Wire	A/R
MS25036-102	Terminal	2

Consumable Material:

The following material is required to accomplish this bulletin, but may not require ordering, depending on the operator's consumable material stock levels. This material may be obtained through your Bell Helicopter Textron Supply Center.

<u>Part Number</u>	<u>Nomenclature</u>	<u>Qty</u>	<u>Reference *</u>
MS3367-1-9	Strap	A/R	N/A

* C-XXX numbers refer to the consumables list in BHT-ALL-SPM Standard Practices Manual

SPECIAL TOOLS:

None required.

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-PUB 92-004-23P, IPB Illustrated Parts Breakdown
BHT- PUB 92-004-23, MM Maintenance Manual
BHT-ELEC-SPM - Electrical Standard Practices Manual

PUBLICATIONS AFFECTED:

BHT-PUB 92-004-23P, IPB Illustrated Parts Breakdown
BHT- PUB 92-004-23, MM Maintenance Manual

ACCOMPLISHMENT INSTRUCTIONS:

1. Prepare helicopter for maintenance.
2. Reference Figure 1, gain access to Fuel Pressure Indicator (16) and remove connector (P5).
3. Remove Fuel Pressure Indicator (16) from instrument panel.
4. Reference Figure 2, remove contacts and associated wiring from connector (P5). Discard MS3106R14S-2S connector and backshell.
5. Remove wire number L20M20 from TB13 (2) and discard wire.
6. Remove all (P5) contacts from wires E19B20, E18A20, E17A20 and E20A20N.

NOTE

The following steps will be performed utilizing BHT-ELEC-SPM - Electrical Standard Practices Manual

7. Install M39029/5-115 contacts on wires E19B20, E18A20, E17A20 and E20A20N.
8. Install wires E19B20 (B), E18A20 (C), E17A20 (D) and E20A20N (A) into MS3476W10-6S replacement connector and M85049/52-1-10W backshell.
9. Using approximately 60 inches of M22759/41-20-9 wire identify as E122A20.
10. Route E122A20 wire to Terminal Block (TB) 13, install terminal lug MS25036-102 and secure to terminal (7).
11. Install M39029/5-115 contact on E122A20 and insert into (E) on P5 connector.
12. Using approximately 60 inches of M22759/41-20-9 wire identify as E121A20N.
13. Route E121A20N wire to Terminal Block (TB) 29, install terminal lug MS25036-102 and secure to terminal (6).
14. Install M39029/5-115 contact on E121A20N and insert into (F) on P5 connector.
15. Secure wire bundle with MS3367-1-9 straps as required.
16. Install replacement indicator 205-375-010-101 Fuel Pressure Indicator and connect (P5) connector.

17. Perform operational check of the Fuel Pressure Indicator in accordance with BHT PUB 92-004-23, Chapter 8, page 8-18, para 8-135.
18. Make an entry in the helicopter logbook and historical service records indicating compliance with this Technical Bulletin.

UH-1H-II INSTRUMENT PANEL

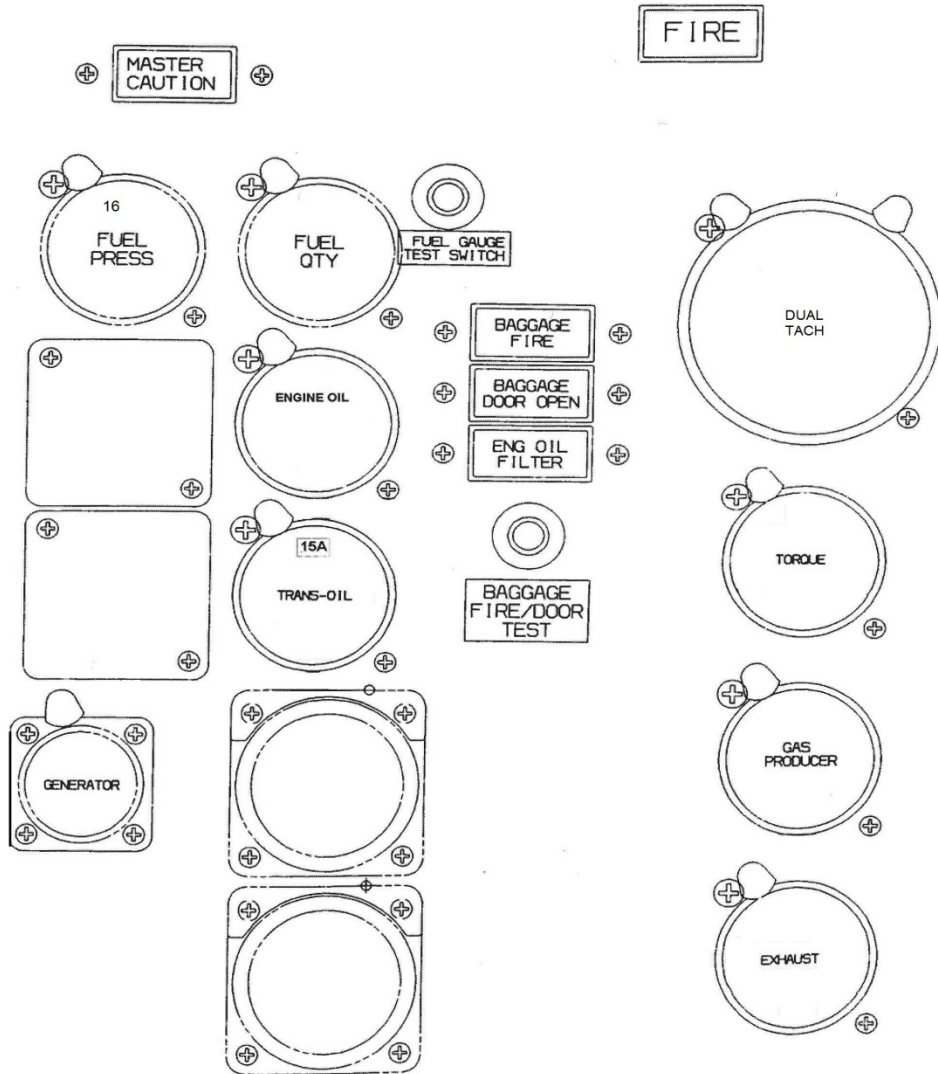


Figure 1

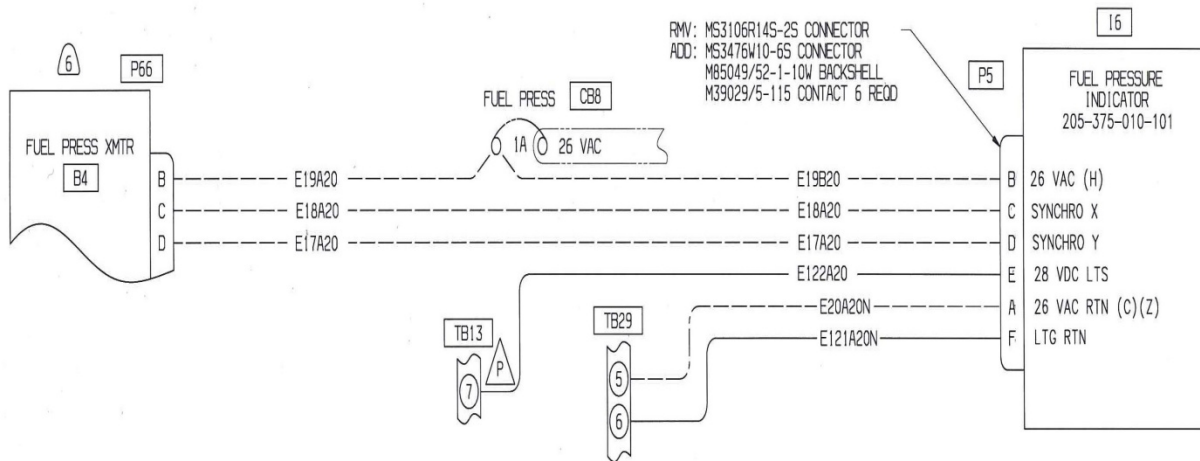


Figure 2