

TECHNICAL BULLETIN

20 February 2017

MODEL AFFECTED: UH-1H-II
SUBJECT: ALTERNATE GAS PRODUCER (N1) INDICATOR
HELICOPTERS AFFECTED: Kits K1 and sub

COMPLIANCE: At customer's option.

DESCRIPTION:

Bell Helicopter has qualified an alternate Gas Producer Indicator (N1) for the UH-1H-II. This replacement indicator will allow operators to procure and repair this indicator in a timelier and economical 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 6.0 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>
205-375-012-101	Gas Producer Indicator	1
MS3476W12-10SY	Connector	1
M85049/52-1-12W	Backshell	1
M39029/5-115	Contact	9
M39029/5-117	Contact	1
MS25036-103	Terminal Lug	1
M22759/41-20-9	Wire	A/R

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.

WEIGHT AND BALANCE:

Not Affected

ELECTRICAL LOAD DATA:

Not affected.

REFERENCES:

BHT-PUB 92-004-023P, IPB Illustrated Parts Breakdown
 BHT- PUB 92-004-023, MM Maintenance Manual
 BHT-ELEC-SPM

PUBLICATIONS AFFECTED:

BHT-PUB 92-004-023P, IPB Illustrated Parts Breakdown
 BHT- PUB 92-004-023, MM Maintenance Manual

ACCOMPLISHMENT INSTRUCTIONS:

1. Prepare helicopter for maintenance.
2. Disconnect battery.
3. Gain access to the back of N1 Gas Generator Indicator.
4. Disconnect connector P17 from N1 Gas Generator Indicator

-NOTE-

Removed Gas Generator Indicator will not be reinstalled

5. Remove P/N 8DJ81CSS-1/-2/-4 Gas Generator Indicator and discard.
6. Remove wires from P17 and discard connector.
7. Isolate wire L20S20. Disconnect wire LS20S20 from TB13 (1). Discard wire, reinstall TB13 terminal nut.
8. Referencing BHT-ELEC-SPM and Fig 1, install replacement connector P17
9. Referencing BHT-ELEC-SPM and Fig 1, fabricate and install wire E127A20.
10. Access N1 Gas Generator Circuit Breaker (5amp) Referencing BHT_ELEC-SPM and Fig 1 fabricate and install E125A20.
11. Confirm wires E23A20N and L18A20N are terminated at TB29 terminals 3 & 4.
12. Install replacement N1 Gas Gen Indicator P/N 205-375-012-101.
13. Reconnect battery,
14. Perform operational check of the N1 Gas Generator Indicator.
15. Make an entry in the helicopter logbook and Historical Service Records (HSR)

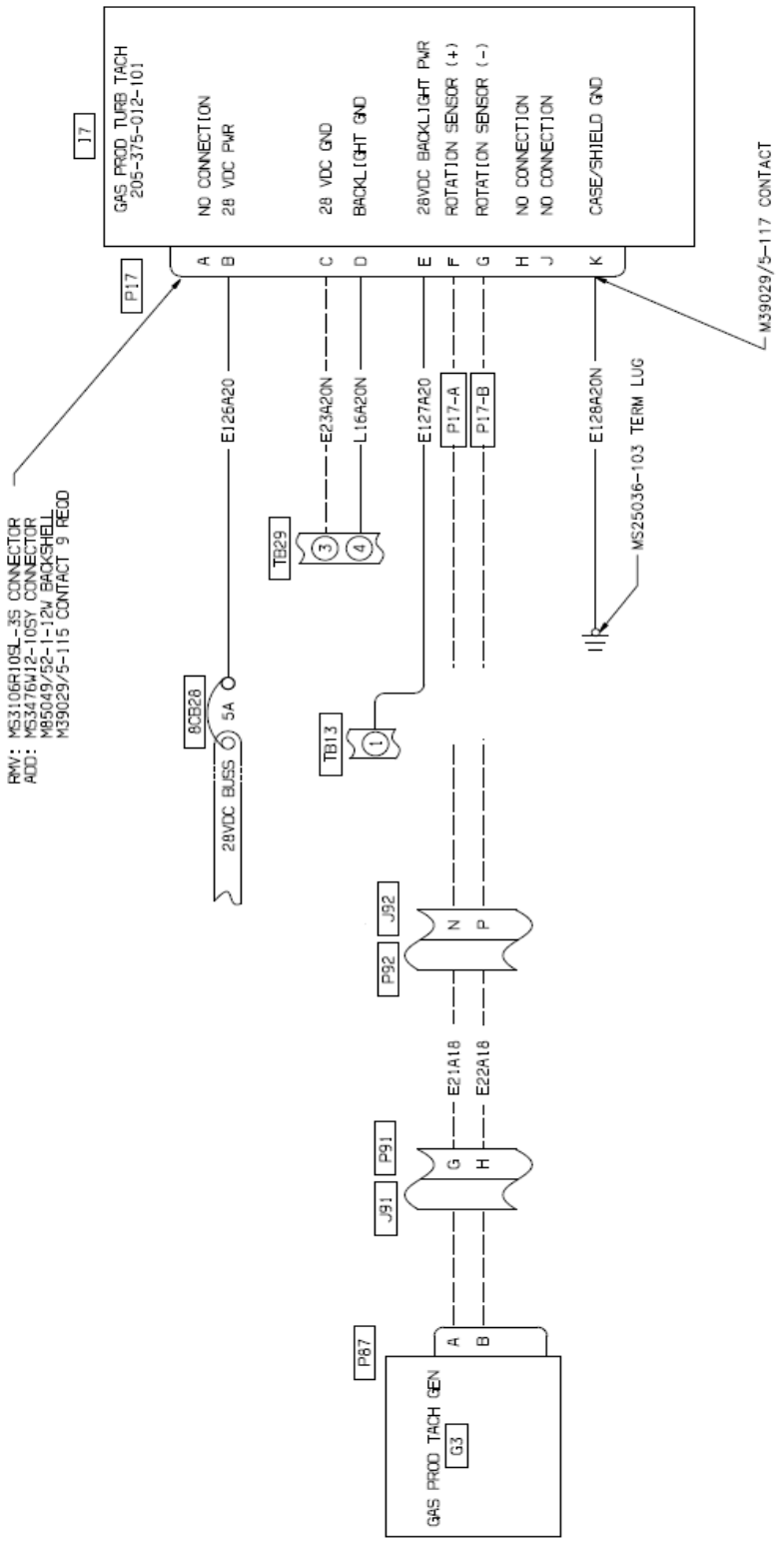


Figure 1