



# SERVICE BULLETIN

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**MANDATORY**

## WIRING MODIFICATION KIT (M50450) – AUTOMATIC ENGINE REIGNITION KIT INSTALLATION, PN 369H90118–505, –507. –509 AND – 511

### 1. PLANNING INFORMATION:

#### A. Models Affected:

Model 369HS Helicopter Serial No. 0101S and subsequent with subject Automatic Reignition Kit Installation Configuration Installed

#### B. Time of Compliance:

Shall be accomplished within next 100 hours of helicopter operation.

#### C. Preface:

The information given in this Service Information Notice lists procedure for rewiring the subject automatic engine reignition kit installation configurations installed on Model 369HS helicopters. The purpose of the wiring modifications is to permit disconnection of the auto reignition system, when desired or required, without disturbing the basic wiring of the helicopter electrical system.

#### D. Weight and Balance:

Weight and balance not affected.

#### E. Reference Publications:

500 Series – Basic HMI, Issued I October 1972; Revision No. 7, 15 Dec 1976 500 Series – HMI Appendix A, Issued I October 1972; Revision No. 4,

| REPLACEMENT PARTS/SUPPLIES |  |      |            |
|----------------------------|--|------|------------|
| Nomenclature               | Part No.                                       | Qty. | Source     |
| Switch (S11)               | MS35059–22                                     | 1    | Commercial |
| Terminal                   | MS25036–149                                    | 1    | Commercial |
| Sleeving                   | No. 8, Type F, Form U, Grade A, Class I, Cat I | A/R  | Commercial |

The above listed parts are part of Modification Kit Part No. M50450.

### 2. MODIFICATION PROCEDURE

- (1). Check that all electrical power is OFF.
- (2). Remove instrument panel LH side fairings and lower switch panel, to gain access to work area. (Refer to Basic HMI. )
- (3). Remove switch guard, if installed, from lower switch panel. (See Figure 1 and HMI Appendix A.)

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- (4). Disconnect wiring (J501A20) from keyswitch (S3) and remove existing switch/ circuit breaker (CB124) from lower switch panel; install new MS35059-22 Switch (SII).

**NOTE:** Switch guard may or may not be reinstalled.

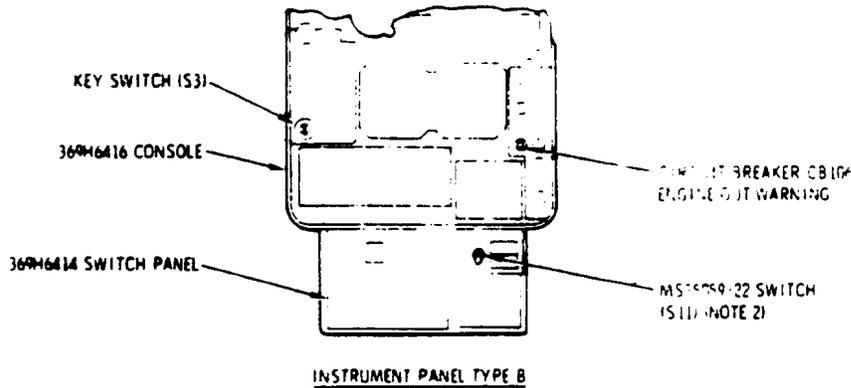
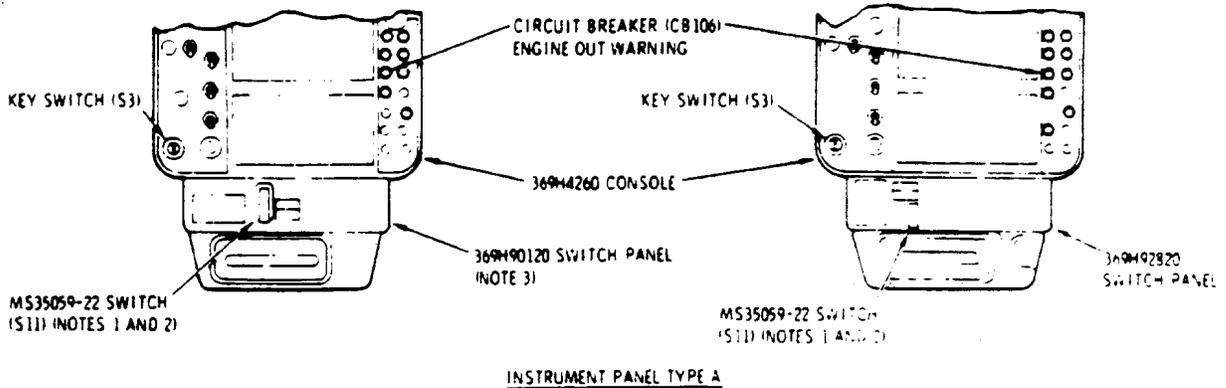
- (5). Install lower switch panel to instrument console.
- (6). Perform operational check of auto reignition system.
- (7). Install instrument panel side rafting.
- (8). Record compliance with this Service Information Notice in Compliance Record of helicopter Log Book.

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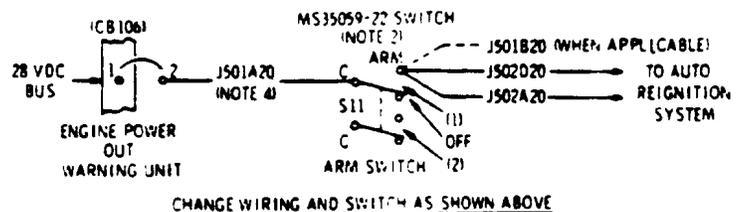
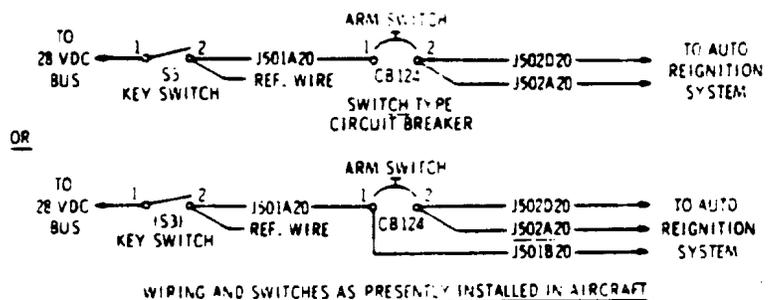
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**NOTES:**

1. GUARD MAY OR MAY NOT BE INSTALLED.
2. REPLACES EXISTING MS24509-7 1/2 SWITCH/CIRCUIT BREAKER.
3. EARLY CONFIGURATION.
4. DISCONNECT FROM KEY SWITCH (S3) AND CONNECT TO CB106-2 CIRCUIT BREAKER.



**Figure 1. Wiring Modification Kit (M50450) - Automatic Engine Reignition**

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