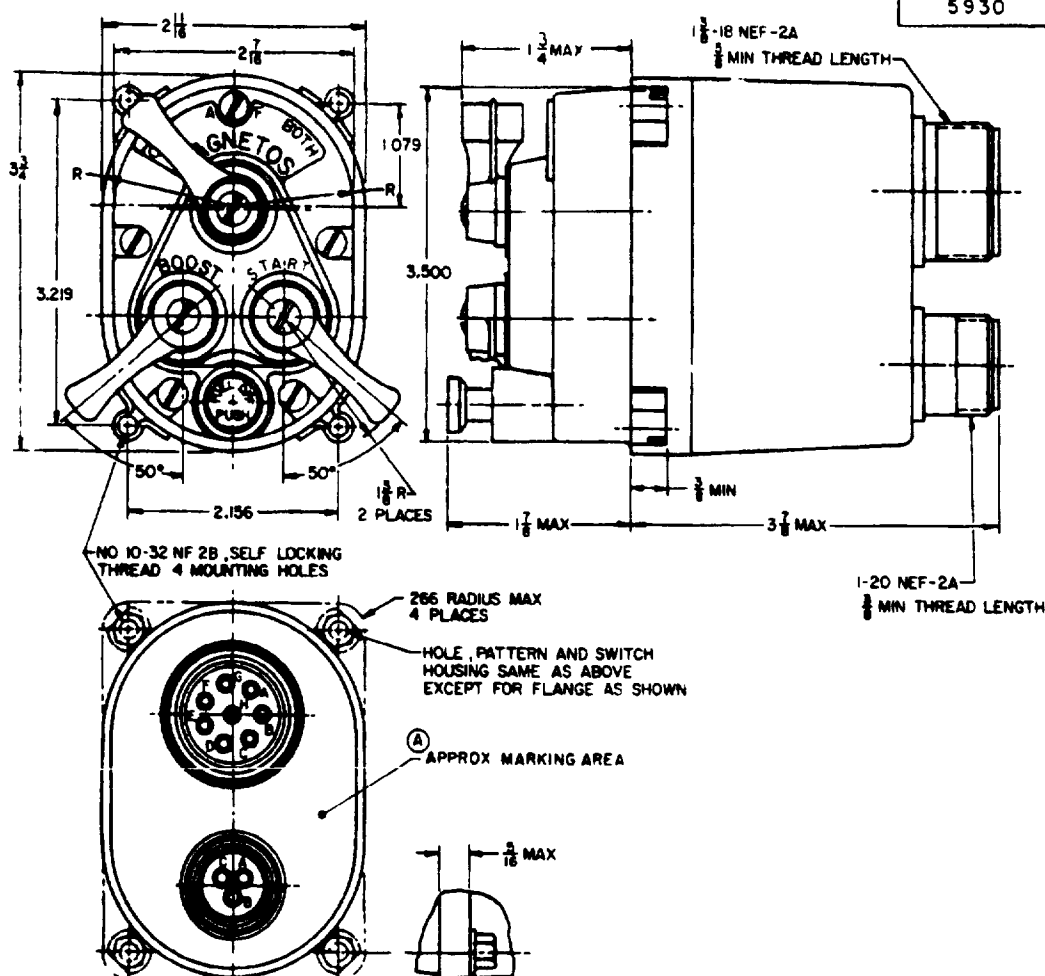


REVIEW ACTIVITIES DSA ES
USER ACTIVITIES ARMY ME



OPTIONAL FLANGE CONSTRUCTION

(A)

NOTES:

1. BOOSTER COIL AND STARTER LEVERS WILL BE SPRING LOADED TO INSURE AUTOMATIC LEVER RETURN TO "OFF" POSITION.
2. OPERATIONAL MARKING SHALL BE AS SHOWN.
3. SEE MS SHEET 2 FOR SWITCH POSITION AND CONNECTOR DATA.
4. SHALL NOT EXCEED A MAXIMUM WEIGHT OF 2 POUNDS 3 OUNCES.
5. THREADS SHALL BE IN ACCORDANCE WITH SCREW THREAD STANDARDS FOR FEDERAL SERVICES, HANDBOOK H28.
6. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE $\pm 1/32$ ON FRACTIONS, $\pm .005$ ON DECIMALS, $\pm 5^\circ$ ON ANGULAR DIMENSIONS.
7. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
8. THIS STANDARD IS NOT INTENDED TO LIMIT CONSTRUCTION TO FEATURES OTHER THAN AS SHOWN HEREON BY DIMENSIONS, NOTATIONS, AND REFERENCED DOCUMENTS.
9. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR B J.
10. MARKING SHALL CONSIST OF THE MS PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH MIL-STD-130.

MS PART NO. - RMFR PART NO.
MS24570-1 7388506

P.A. ARMY-AT
Other Cust:
NAVY-MC
AF-B5

SWITCH, VEHICULAR IGNITION
WATERPROOF, STARTER AND MAGNETO
WITH DEGASSER CONTROL

MILITARY STANDARD

MS24570

PROCUREMENT SPECIFICATION SUPERSEDES
MIL-S-52028

This military standard is mandatory for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED: F. MAY 1959 REVISED (A) 9 JANUARY 1969

FED SUP CLASS
5930

OPERATIONAL SEQUENCE

MAGNETO & AUXILIARY CIRCUITS

- OFF ALL MAGNETO CIRCUITS CLOSED (GROUNDED)
ALL MAGNETOS NOT OPERATING
AUXILIARY CIRCUIT OPEN
- A ACCESSORY MAGNETO CIRCUITS OPEN (UNGROUNDED)
ACCESSORY MAGNETOS OPERATING
FLYWHEEL MAGNETO CIRCUITS CLOSED (GROUNDED)
FLYWHEEL MAGNETOS NOT OPERATING
AUXILIARY CIRCUIT CLOSED
- F FLYWHEEL MAGNETO CIRCUITS OPEN (UNGROUNDED)
FLYWHEEL MAGNETOS OPERATING
ACCESSORY MAGNETO CIRCUITS CLOSED (GROUNDED)
AUXILIARY CIRCUIT CLOSED
ACCESSORY MAGNETOS NOT OPERATING
- BOTH ALL MAGNETO CIRCUITS OPEN (UNGROUNDED)
ALL MAGNETOS OPERATING
AUXILIARY CIRCUIT CLOSED

INTERNAL WIRING DIAGRAM

8 PIN CONNECTOR

(ARRANGEMENT 22-23P)

PIN A	CONNECTS TO	RIGHT ACCESSORY MAGNETO
" B	"	RIGHT FLYWHEEL MAGNETO
" C	"	BOOSTER COIL
" D	"	BOOSTER COIL
" E	"	LEFT ACCESSORY MAGNETO
" F	"	LEFT FLYWHEEL MAGNETO
" G	"	GROUND
" H	"	FUEL CONTROL (NORMALLY OPEN)

MATING CONNECTOR PART NO 7722370

3 PIN CONNECTOR

(ARRANGEMENT 16-10P)

PIN A	CONNECTS TO	AUXILIARY
" B	"	BATTERY
" C	"	STARTER

MATING CONNECTOR PART NO 7720479

MS PART NO	FORMER PART NO
MS24570	7388506

APPROVED 6 MAY 1959 REVISED (A) 9 JANUARY 1968

PA ARMY AT
Other Cust
NAVY M
AF-BS

SWITCH, VEHICULAR IGNITION
WATERPROOF, STARTER AND MAGNETO
WITH DEGASSER CONTROL

MILITARY STANDARD

MS24570

PROCUREMENT SPECIFICATION SUPERSEDES
MIL-S-52028

DD FORM 672-1 (Coordinated)