



- NOTES:
- APPLICABLE STANDARDS/SPECIFICATIONS.
    - A. DOD-STD-00100(A/R)
    - B. ANSI Y14.5M-1982
    - C. ASTM E380 APPLIES METHOD B SHALL BE USED IN CONVERTING AND ROUNDING OFF 1 INCH = 25.4 MM APPLIES
  - USING EXISTING TOGGLE SWITCH, INSTALL INSTRUCTION PLATE AT LOWER LEFT HAND SIDE OF DASH. USING 4 SCREWS MOUNT SWITCH WITH LEVER TOWARDS DISCHARGE POSITION.
  - ETHER CYLINDER INSTALLATION TO FIREWALL.
    - A. ASSEMBLE ETHER CYLINDER TO VALVE SCREW CAP TO STORAGE FITTING.
    - B. SLIDE CLAMP ONTO ETHER CYLINDER DO NOT TIGHTEN AT THIS TIME
    - C. USING DIMENSIONS SHOWN, MARK AND DRILL FOUR 11/32 (8.74) DIAMETER HOLES
    - D. MOUNT CYLINDER AND VALVE ASSEMBLY USING FOUR SCREWS, 4 NUTS, AND 4 SPACERS
    - E. TIGHTEN CYLINDER CLAMP WING NUT
    - F. CONNECT WIRE (JUMPER) TO WIRE NO 55 ON VALVE ROUTE WIRE BETWEEN CYLINDER HEAD COVER AND FIREWALL
    - G. CONNECT REMAINING END OF JUMPER WIRE TO WIRE NO 55 IN THE WIRING HARNESS AT REAR RIGHT HAND SIDE OF ENGINE COMPARTMENT
  - THERMOSTAT SWITCH INSTALLATION.
    - A. REMOVE AND DISCARD PIPE PLUG FROM TOP OF ENGINE THERMOSTAT HOUSING
    - B. INSTALL REDUCER BUSHING AND THERMOSTAT SWITCH
    - C. ROUTE LONG THERMOSTAT SWITCH WIRE REARWARD THROUGH WIRE CLAMP AND BEHIND ENGINE, BETWEEN CYLINDER HEAD COVER AND FIREWALL
    - D. CONNECT TO GROUND WIRE ON ETHER VALVE
    - E. CONNECT SHORT RING TERMINAL WIRE TO TOP OF INTAKE MANIFOLD, USING EXISTING SCREW
  - ATOMIZER INSTALLATION
    - A. REMOVE AND DISCARD PIPE PLUG FROM TOP OF AIR INTAKE ELBOW
    - B. INSTALL ATOMIZER TIGHTEN SO THAT ARROW MARK FACES TURBOCHARGER
    - C. ARROW INDICATES LOCATION OF ORIFICE
    - D. CONNECT TUBE TO ETHER VALVE AND ROUTE TUBE UNDER FUEL LEAKOFF LINE AND BETWEEN CYLINDER HEAD COVERS. CONNECT TUBE TO ATOMIZER
  - INSTALL TIE DOWN STRAPS APPROXIMATELY AS SHOWN. KEEP ALL WIRING AND ETHER TUBE AWAY FROM ENGINE COMPONENTS TO PREVENT BURNING AND CHAFING
  - SPARE ETHER CYLINDER MOUNTING
    - A. INSTALL CLAMP ON SPARE CYLINDER, APPROXIMATELY CENTERED ON LENGTH OF CYLINDER
    - B. USING DIMENSIONS SHOWN, MARK THE HOLE LOCATIONS ON THE HEADLIGHT SUPPORT
    - C. DRILL TWO 9/32 (7.14) DIAMETER HOLES.
    - D. MOUNT CYLINDER USING 2 SCREWS AND 2 NUTS
    - E. IF NECESSARY, LOOSEN CLAMP WING NUT AND ADJUST CYLINDER SO IT DOES NOT CONTACT RADIATOR, BRACES, HOOD OR LAMP RE-TIGHTEN WING NUT.
  - ALL ITEMS ARE INCLUDED IN KIT EXCEPT:
    - 2 - CYLINDER, ETHER - 12277378
  - THE FOLLOWING PARTS SUPPLIED WITH THIS KIT ARE USED WHEN REPLACING A FLAME HEATER SYSTEM. OTHERWISE THEY ARE TO BE DISCARDED
    - 1 - TUBE - 11609976 - 28 (SEE DWG 11609976)
    - 2 - SUPPORT, TUBE - 11642119
    - 2 - TUBE NUT - 12380048
    - 1 - PLUG, PIPE - 12380049
    - 1 - PLUG, PIPE - 12380055
    - 1 - PLUG, PIPE - 12380056
  - SYMBOLS
    - \* NEW PARTS.
    - △ PARTS TO BE REMOVED AND REUSED.
    - SPECIAL INSTRUCTION NOTES (WHEN NEEDED).
  - THIS DRAWING IS FOR INSTALLATION PURPOSES ONLY. ALL ITEMS MARKED \* ARE INCLUDED IN KIT.

REVISIONS	DATE	APPROVED
1		
2		

ZONE	DESCRIPTION	DATE	APPROVED
	REPLACES WITH CHANGE DRAWING 12380042 REV A (HEI-7-7-47)		

  

PMIC A	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON 3 PLACE 3 PLACE .03 .010	CONTRACT NUMBER DAAE07-87-C-R026	CONTRACTOR	U.S. ARMY TANK - ALTERNATIVE COMMAND CENTER, BUCKLEMAN 43337-5300
12380041	M44	DESIGNED BY P.C. FRANTZ	CHECKED BY J.P.L. W.	INSTALLATION INSTRUCTION ACCESSORY KIT, ETHER CO. START SYSTEM 57K1316
HEAT ASSY	USED ON	DATE 10-10-80	SCALE NONE	UNIT WT