

RECIPROCATING ENGINES

DEPRESERVATION

VALVES

(This EO replaces EO 10A-1-9C dated 19 Jul 57)

1 These valves are fitted to prevent initial hydraulicing of the engine upon removal from storage. One way valves fitted to the lower cylinders ensure removal of inhibiting (excess) oil from the lower induction pipes and cylinders.

2 Depreservation valves are available for all piston type engines fitted with 18 mm spark plug inserts. The uses of these valves detailed in each -9 EO for the engine concerned in Part 4 of the EO (depreservation).

3 Figure 1, 37S/189 depreservation valves are to be used for initial run up from storage with the unused ignition leads grounded to the engine to protect the high tension ignition system and also as a safety factor for fire hazard.

4 Figure 2, 37S/211 depreservation valves self grounding are valves to which a spark plug shielded sleeve have been fitted. Insertion of the unused ignition leads in the sleeve allows these to be grounded through the valve. The sleeve size is 5/8" - 24 tpi.



Ensure barrel of depreservation valves are filled with steel wool, in order that the ignition lead is properly grounded. The use of valves without the steel wool may cause damage to the ignition system.

5 Figure 3, depreservation valve 37S/212

self grounding as per Para 4 except sleeve size is 3/4" - 20 tpi.

6 When depreservation valves are not available for initial run up after engine storage, the lower induction pipes must be removed and drained of any trapped inhibiting mixture and refitted before run up.

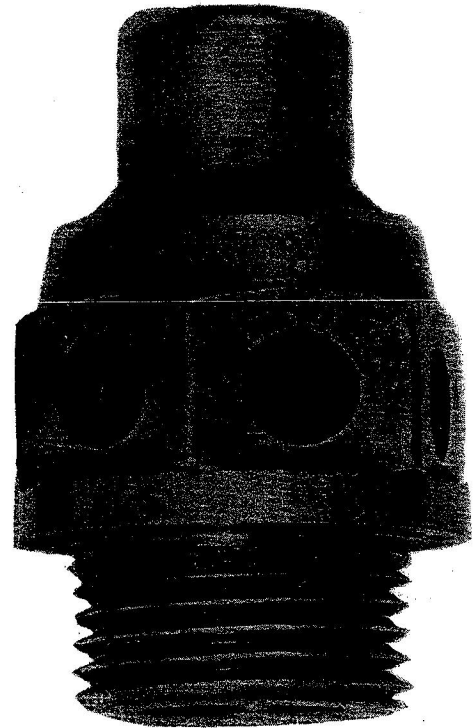


Figure 1

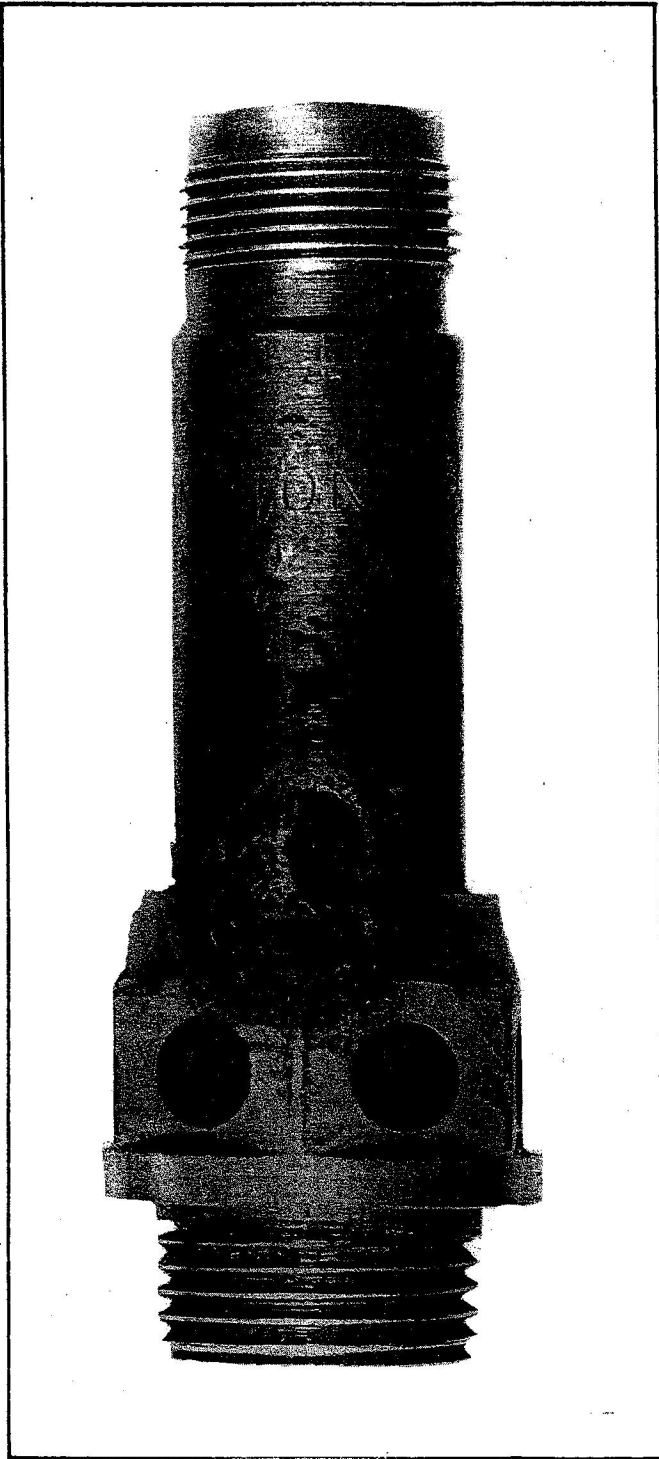


Figure 2

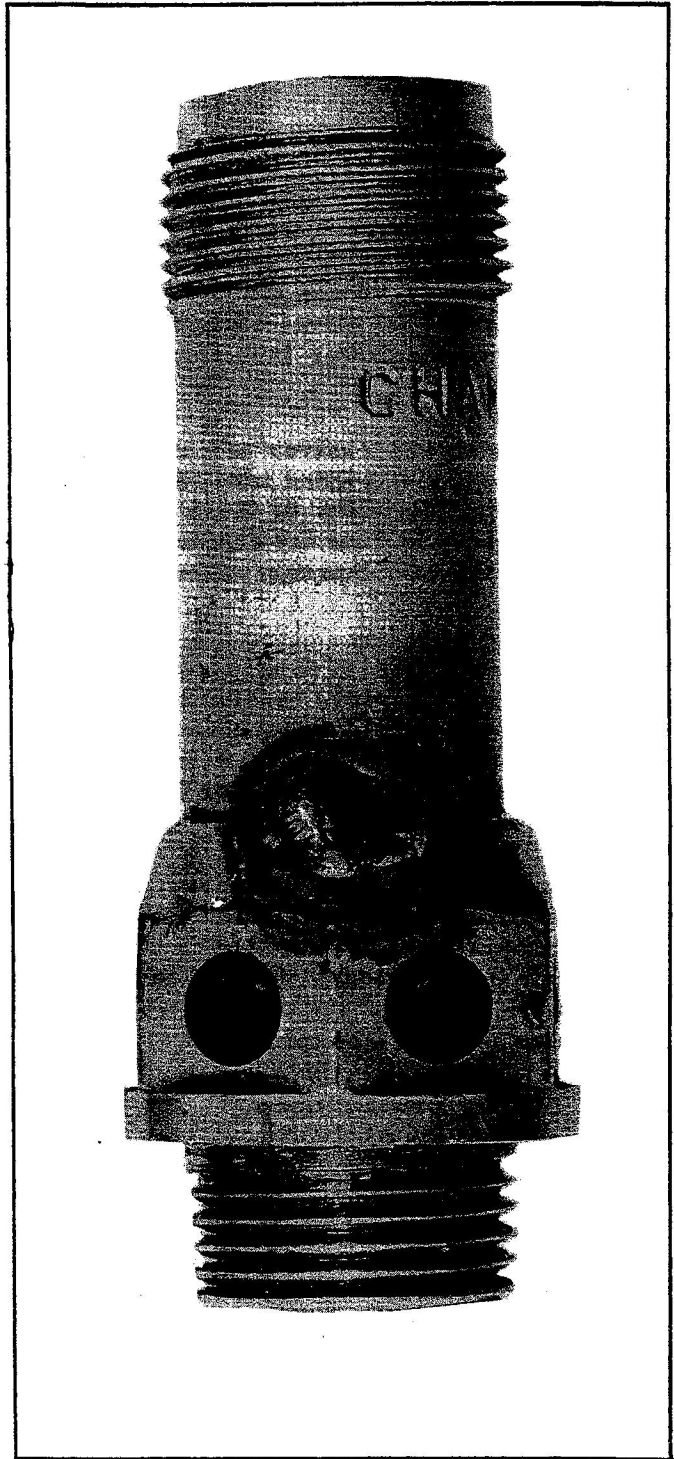


Figure 3

ISSUED ON AUTHORITY OF THE CHIEF OF THE AIR STAFF

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