

LO 11-1335

4 May 1953

LUBRICATION ORDER
LC 16-30SPN11-1

RADAR SETS AN/SPN-11X, -11Y, AND -11Z

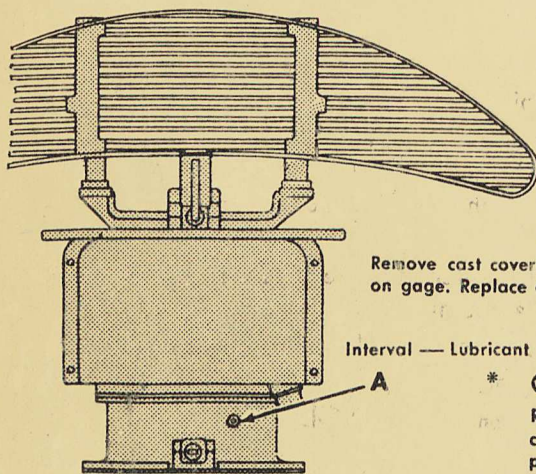
Antenna AS-599/SPN-11, Radar Receiver-Transmitter RT-268/SPN-11

References: TM 11-1335

Intervals given are maximums for normal 8-hour day operation. For abnormal conditions or activities, intervals should be adjusted to compensate.

Clean fittings before lubricating.
 Clean parts with Solvent, dry-cleaning (SD), or with Oil, fuel, Diesel. Dry before lubricating.

CAUTION: This equipment uses high voltages that may be fatal if contacted by operating personnel. Use necessary precautions before servicing. Disconnect from power source before servicing.



ANTENNA AS-599/SPN-11
 (Aft end view)

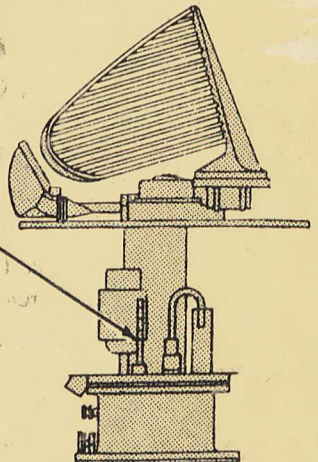
Gearbox Oil Level Gage *

Remove cast covers. Check level; fill to full mark on gage. Replace oil level gage and cast covers.

Interval — Lubricant

*** Gearbox Drain Plug**

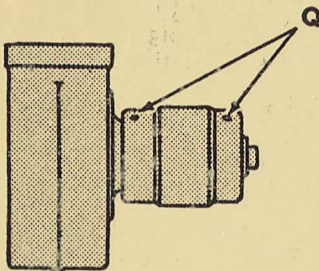
Remove plug and drain. Replace plug. Remove cast covers and oil level gage, and fill with three pints. Replace oil level gage and cast covers.



ANTENNA AS-599/SPN-11
 (starboard side view, upper pedestal covers removed)

*** Blower Motor Bearings**

Open hinged chassis of receiver-transmitter unit. Apply 10 drops at each bearing.



BLOWER UNIT
 (located in Radar Receiver
 - Transmitter RT-268/SPN-11)

KEY

LUBRICANT (All temperatures)	INTERVALS
* — Lubricating Oil, General Purpose per MIL-L-15016A; Navy symbol 2135	Q—Quarterly A—Annually

A copy of this lubrication order will remain with the equipment at all times; instructions contained herein are mandatory and supersede all conflicting lubrication instructions dated prior to the date of this lubrication order.

BY ORDER OF THE SECRETARIES OF THE ARMY AND THE AIR FORCE:

OFFICIAL:
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DECALCOMANIA MOUNTING INSTRUCTIONS

1. MOUNTING:

Mount on the power generator, operator's side of engine.

2. APPLICATION:

- a. Clean surface on which the decalcomania is to be applied with SOLVENT, dry-cleaning (SD), and allow to dry.
- b. Brush or wipe a light coating of VARNISH, spar, clear, water-resisting, or LACQUER, clear, over surface to which the decalcomania is to be applied, and allow to dry.
- c. Dip decalcomania in water until surface will separate the backing freely, then slide decalcomania into designated position.
- d. Slide backing paper against face of decalcomania and rub surface with a light, even pressure to eliminate air bubbles.
- e. Clean around edges of the mounted decalcomania with SOLVENT, dry-cleaning.

DISTRIBUTION—Active Army: Tech Svc (1), Tech Svc Bd (1); AFF Bd (ed Svc Test Sec) (1); AFF (5); AA Comd (2); OS Maj Comd (5); Base Comd (5); MDW (2); Log Comd (5); A (5); CHQ (2); FT (2); Sch (5) except 11 (25); PMS & T 11 (1); Gen Dep (2); Dep 11 (20) except Sig Sec, Gen Dep (10); Trng Div (2); POE (10); OSD (2); Lab 11 (5); Mil Dist (3); Field Maint Shops 11 (3); Two (2) copies to each of the following T/O & E's: 11-107; 11-127A; 11-128; 11-500; CA; CB, CC, CD; 11-587; 11-592; 11-597.

NG & Army Reserve: Same as Active Army, except one (1) copy to each unit.

For explanation of distribution formula, see SR 310-90-1.