

LUBRICATION

Key to Lubrication Guide

The symbols shown around the reference numbers in *Illust. 18* indicate the intervals of lubrication.

Paragraph numbers on the left-hand side of the lubrication guide correspond with reference numbers in *Illust. 18*.

Detail specifications of the lubricants are listed on page 17.

△—Daily or After Every 10 Hours of Operation

1—Crankcase oil level gauge and filler cap.

Check the oil level (with the engine stopped) and add sufficient new oil to bring to the "FULL" mark on the bayonet gauge. See *Illust. 14*. If the oil level is checked after the engine has been stopped for some time, the oil level may show slightly above the "FULL" mark on the gauge. This is a normal condition as the result of oil draining back from the filter. See *Illust. 18A*.

2—Air cleaner.

Clean out the oil cup and refill the cup to the oil level bead with the same new oil as used in the engine crankcase. See *Illust. 29*. Capacity: Donaldson type— $\frac{1}{2}$ pt. (See *Illust. 18B*); United type— $\frac{3}{8}$ pt.

3—Steering knuckle post (2).

4—Tie rod (2).

5—Tie rod ball seat.

6—Front axle pivot shaft.

7—Steering shaft support bracket.

Use pressure-gun grease (chassis lubricant) and apply 2 or 3 strokes of the lubricator or sufficient grease to flush out old grease and dirt. Lubrication points are the same for both fixed and adjustable front axles. See *Illust. 18C*.

Use an oil can and put a few drops of engine oil in the oil hole. See *Illust. 19*.

○—Weekly or After Every 60 Hours of Operation

8—Seat spring.

Use an oil can and put a few drops of engine oil in oil hole (8). See *Illust. 19A*.

Miscellaneous parts.

Lubricate the clutch and brake pedal connections with a few drops of engine oil.

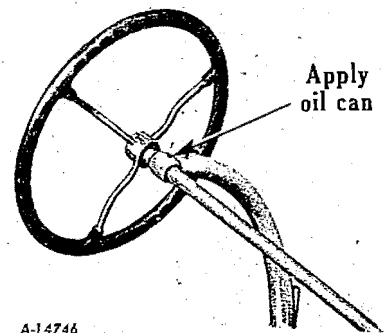
◇—After Every 120 Hours of Operation

9—Generator oil cups (2).

Insert the oil can spout through the holes in the hood above each oil cup. Lift up the cap on each oil cup and apply 8 to 10 drops of SAE-20 oil in each cup. See *Illust. 19B*.

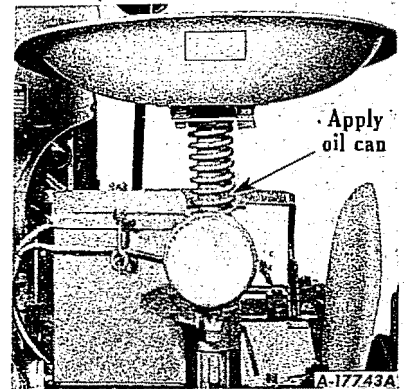
10—Crankcase oil pan.

Drain while the oil is warm. Remove drain plug (10) and drain all oil from the crankcase pan. See *Illust. 19C*. Replace the drain plug. Remove crankcase filler cap (1). Refill the crankcase pan with new oil up to the "FULL" mark on the bayonet gauge. Capacity 3 quarts.



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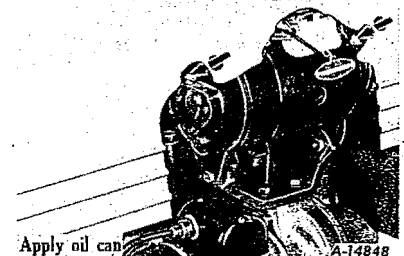
Illust. 19
Steering shaft support bracket.



Apply oil can

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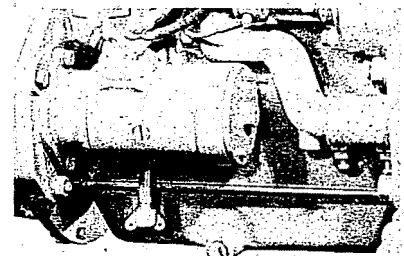
Illust. 19A
Seat spring.



Apply oil can

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Illust. 19B
Generator.



Remove plug

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Illust. 19C
Crankcase drain plug.

Continued on next page.