

# LUBRICATION CHART

# KEY TO THE RILEY ONE-POINT-FIVE LUBRICATION CHART

## DAILY

- (1) ENGINE. Inspect the oil level by the dipstick, and top up if necessary with engine oil to Ref. A.

## AFTER FIRST 500 MILES (800 Km.)

- (2) ENGINE. Drain off the old oil and refill with fresh oil to Ref. A.
- (3) GEARBOX. Drain off the old oil and refill with fresh oil to Ref. A.
- (4) REAR AXLE. Drain off the old oil and refill with fresh oil to Ref. B.

## EVERY 1,000 MILES (1600 Km.)

- (5) STEERING. Give three or four strokes of the lubricating gun filled to Ref. C to the nipples on the steering joints.
- (6) BRAKES. Inspect the fluid level in the brake master cylinder supply tank, and top up if necessary with Girling Crimson Brake Fluid.
- (7) CLUTCH. Inspect the fluid level in the clutch master cylinder supply tank, and top up if necessary with Lockheed Genuine Fluid.
- (8) GEARBOX. Inspect the oil level by unscrewing the combined filler and level plug. Top up if necessary with oil to Ref. A.
- (9) REAR AXLE. Inspect the oil level through the filler, and top up if necessary with oil to Ref. B.
- (10) HAND BRAKE. Give the nipple on the balance lever three or four strokes with the gun filled to Ref. C.
- (11) PROPELLER SHAFT. Give three or four strokes of the gun filled to Ref. C to the propeller shaft nipples.
- (12) CARBURETTORS. Remove the caps from the tops of the suction chambers and add a few drops of oil to Ref. D.

## EVERY 3,000 MILES (4800 Km.)

- (13) AIR CLEANER. Remove and wash the filter gauze and container in fuel, dry, and refill with fresh oil to Ref. A.

- (14) DYNAMO. Add two drops of oil to Ref. D to the hole in the end of the dynamo bearing cover.

- (15) ENGINE. Drain off the old oil and refill with fresh oil to Ref. A.

- (16) DISTRIBUTOR. Withdraw the rotating arm and add a few drops of oil to Ref. D to the cam bearing and to the advance mechanism through the gap around the cam bearing spindle. Lightly smear the cam and contact breaker pivot with grease to Ref. C.

## EVERY 6,000 MILES (9600 Km.)

- (17) FRONT HUBS. Remove the front wheel hub discs and prise off the grease-retaining caps from the ends of the hubs. Fill the caps with grease to Ref. C and replace securely.

- (18) OIL FILTER. Renew the element and wash the bowl in fuel.

- (19) GEARBOX. Drain off the old oil and refill with fresh oil to Ref. A.

- (20) REAR AXLE. Drain off the old oil and refill with fresh oil to Ref. B.

- (21) WATER PUMP. Remove the plug, add a few drops of S.A.E. 140 oil, and replace the plug.

## EVERY 12,000 MILES (19200 Km.)

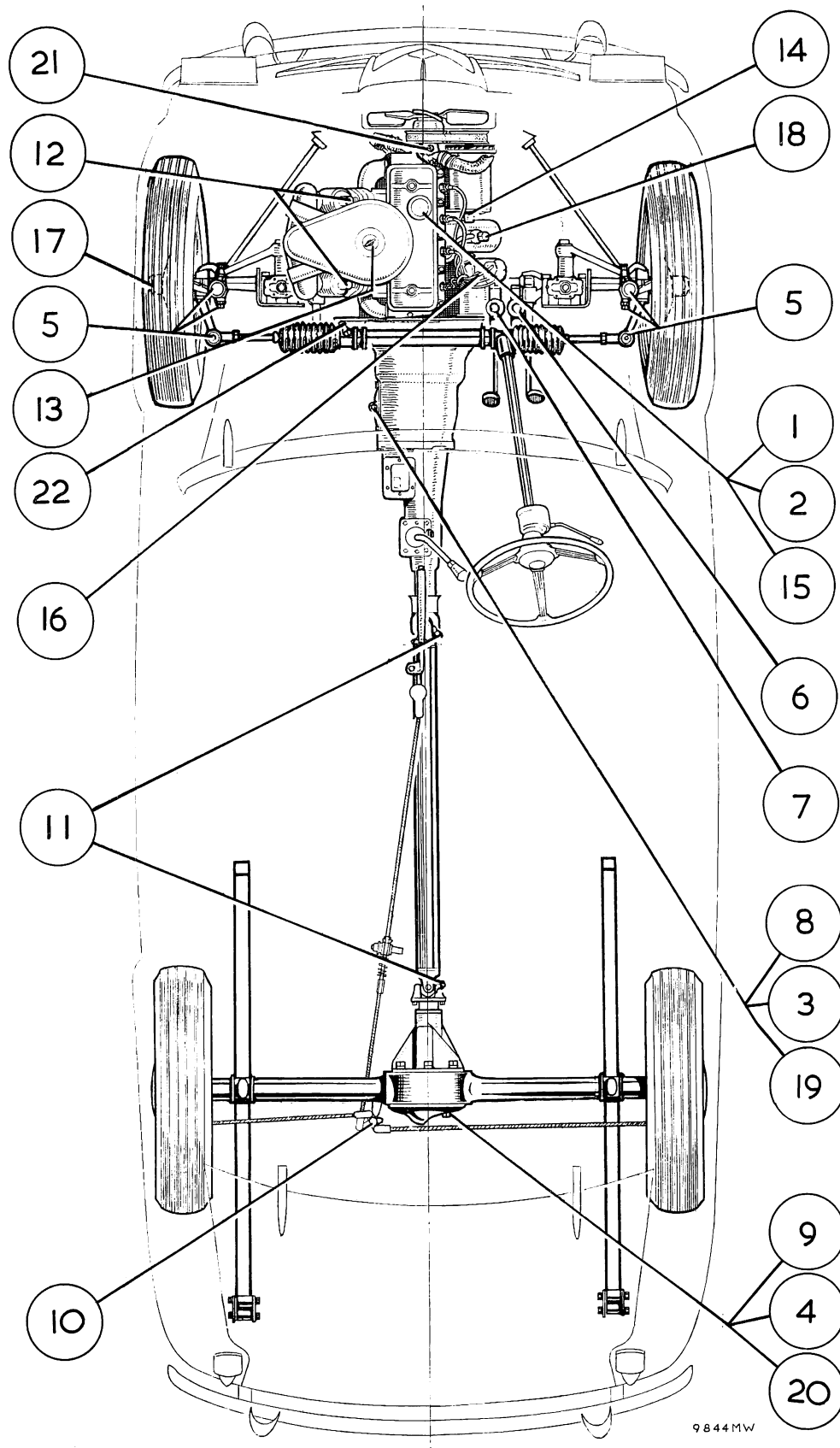
- (22) STEERING. Apply the lubricating gun filled with oil to Ref. B to the nipple on the steering rack and give up to 10 strokes, but no more.

## MULTIGRADE MOTOR OILS

In addition to the recommended lubricants listed in this Manual we approve the use of the multigrade motor oils, produced by the oil companies shown in our publications, for all climatic conditions unless the engine is in poor mechanical condition.

**NOTE.**—Oil and grease references are to be found on page P.2.

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