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Massey Harris **Massey Ferguson**

Operator's Manual

Super 35

Self Propelled Combine

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MH-O-SUPER35

Operator's Manual

MASSEY-FERGUSON

SUPER 35 SP COMBINE

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MANUAL PREVIEW



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Periodic Maintenance

Proper maintenance, including periodic inspection and regular lubrication with the correct lubricants as recommended is essential to long life and trouble free operation of your new Super 35 Combine. This section of the manual is devoted entirely to maintenance and should be referred to as a quick reference when maintenance is performed.

Where reference to "Right" or "Left" hand is mentioned, it is determined from a position behind the combine, looking toward the front.

LUBRICATION

Many of the bearings are sealed and do not require lubrication.

Bearings that require lubrication are fitted with grease fittings suitable for use with a pressure grease gun.

Purchase lubricants produced by a reputable manufacturer and use the correct grades as specified in this manual.

Care should be taken when handling lubricants and containers to keep them clean. Dirt collected in either will be transferred to the parts being lubricated, thus causing undue wear and failure of the parts. Always clean the tips of the grease fittings before attaching the grease gun. Use a lubricant of SAE 160 or lighter to lubricate points equipped with grease fittings.

When lubricating, always put sufficient lubricant in the bearing so that it appears at the outside of the bearing except where otherwise recommended. Check all bearings frequently to be sure they do not run hot.

The points requiring lubrication are shown in the illustrations throughout the Lubrication Section of this Manual.

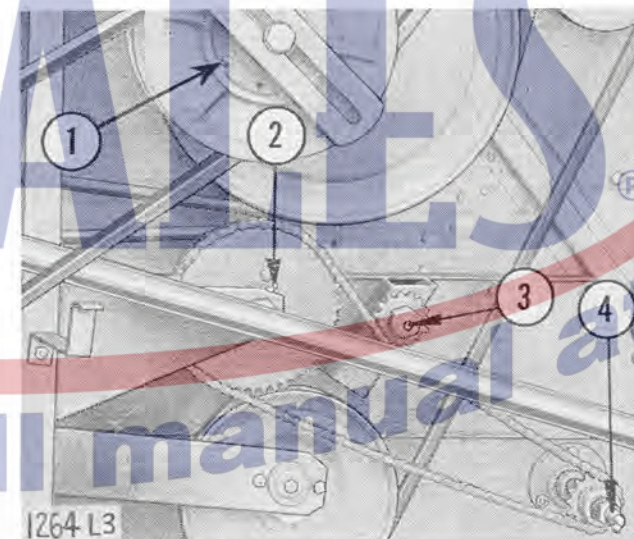
Lubricate all points after each 5 hours of operation unless stated otherwise.

COMBINE LUBRICATION POINTS LEFT SIDE



Lubrication Point

1. Main Belt Tightener Arm



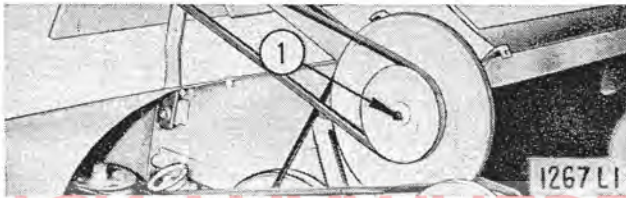
Lubrication Points

1. Variable Speed Pulley
2. Sprocket Driving Gleanings Auger
3. Chain Tightener
4. Gleanings Auger Slip Clutch



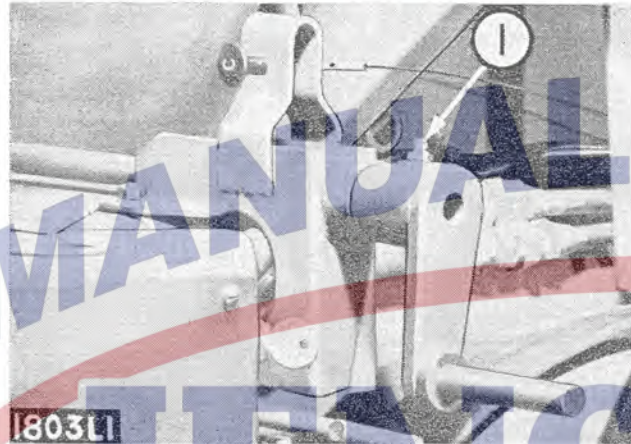
Lubrication Point

1. Main Drive Shaft



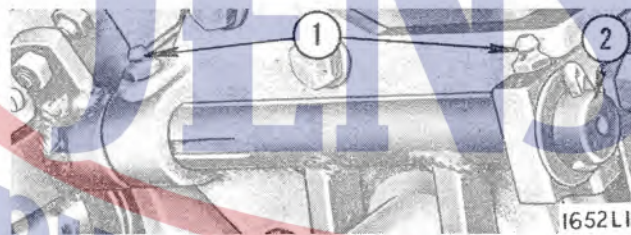
Lubrication Point

1. Shaft for Reel Drive Pulley



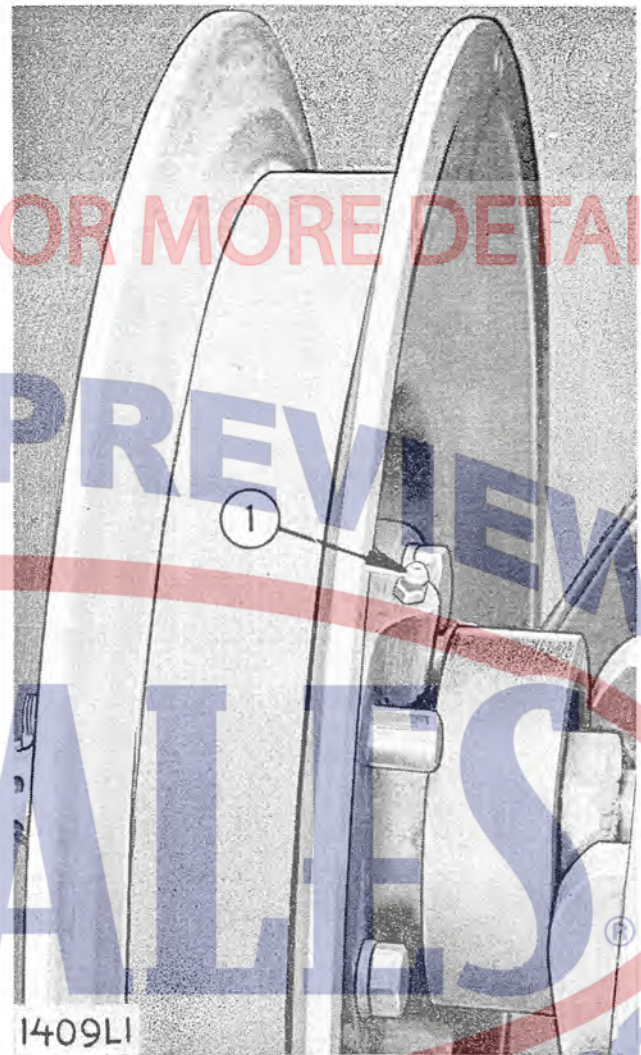
Lubrication Point

1. Variable Speed Crank for Cylinder



Lubrication Points

1. Clutch Actuating Shaft



Lubrication Point

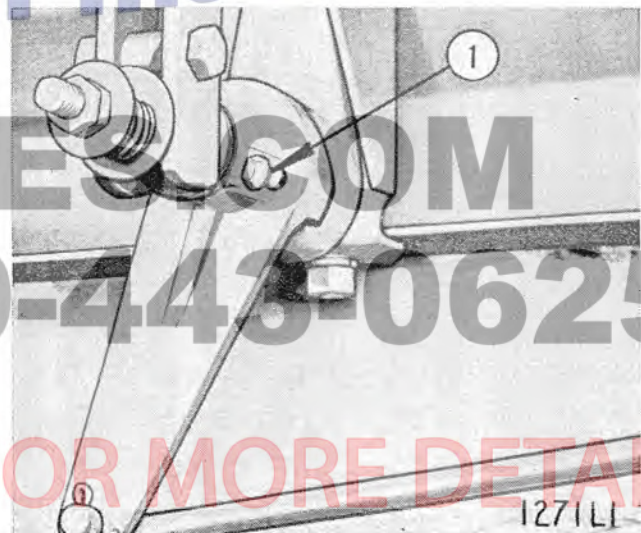
1. Variable Pulley on Beater Shaft driving cylinder

COMBINE LUBRICATION POINTS RIGHT SIDE



Lubrication Point

1. Variable Pulley on beater shaft driving cylinder



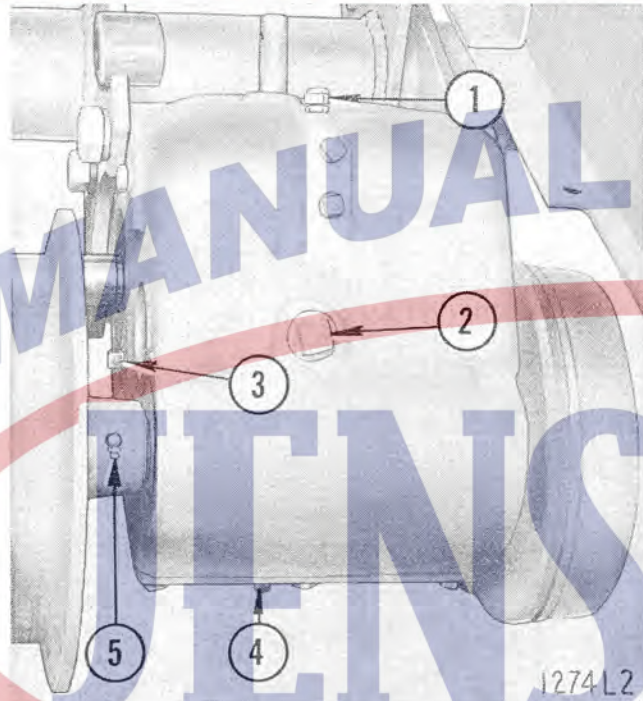
Lubrication Point

1. Clutch Actuating Arm

TRANSMISSION

Use SAE 90 gear oil and keep the level up to the oil level plug, located on the left side of the housing.

The oil filler plug is located in the rear of the housing and the drain plug is in the bottom plate.



Transmission Lubrication

1. Breather Plug
2. Oil Filler Plug
3. Oil Level Plug
4. Drain Plug
5. Transmission Clutch Shaft

TRANSMISSION CLUTCH SHAFT

Lubricate clutch shaft after every 5 hours of operation, using the same lubricant as used to lubricate other points that are equipped with grease fittings.

FINAL DRIVE HOUSING

Use SAE 90 gear oil and keep the level up to the filler plug in each housing.

OILITE BUSHINGS

The combine is equipped with 6 oilite bushings, and to prevent undue wear of these bushings by replacing the oil absorbed from them by dirt and dust, they should be lubricated with S.A.E. 10 or 20 engine oil after each 10 hours of operation.

The bushings are not drilled to conduct the oil to the shafts or pins which they support, however, if the oil is applied to the ends of the bushings it will work into and be absorbed by the bushings.



Final Drive Lubrication

1. Filler and Oil Level Plug
2. Drain Plug

The bushings and their locations are as follows:

Rear hangers for shaker shoe, left and right side of machine. One bushing on each end of hangers.

Pin securing axle pipe to frame. One bushing on each side of pipe.

GENERATOR

Add a few drops of SAE 10 oil to the oilers in each end of the generator.



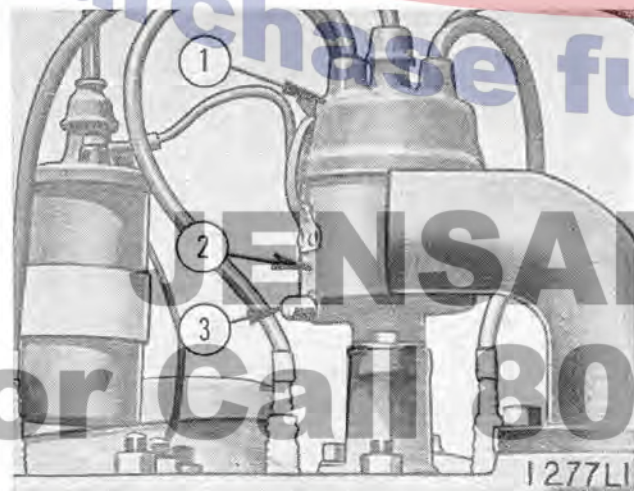
Generator Lubrication

1. Front Oiler

2. Rear Oiler

DISTRIBUTOR

Use SAE 10 oil to lubricate the distributor shaft after each 50 hours of operation. At the same time remove distributor cap and rotor and add a few drops of oil to the wick in the top of distributor shaft.



Distributor Lubrication

1. Distributor Cap

2. Distributor Body

3. Oiler

MAINTENANCE

The Super 35 Combine is rugged and durable and has proven its ability to harvest a great variety of crops under the most severe conditions; however, like any other modern machine, it will give you a great deal more satisfactory service if it is properly cared for.

Experience has proven that periodic inspection and maintenance is the best way to keep your combine in perfect condition.

It is recommended that once each year you give your combine a complete "check-up". Have your local MF Dealer check the engine and make any adjustments or repairs that are necessary. By making the needed repairs before harvest will save you costly breakdowns in the harvest season.

In order to assist you in performing the periodic maintenance checks, the following information is provided. More complete information on most items listed will be found in the "Service Section" of this Manual.

5-HOUR MAINTENANCE

Lubricate all points shown in the "Lubrication Section" which require lubrication after every five hours of operation.