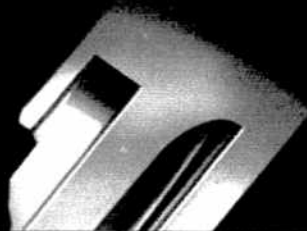


JOHN DEERE

OPERATORS MANUAL

655, 755 AND 855
TRACTORS

OMM70367 A7 English



Operating the Engine

STARTING ENGINE

CAUTION: Start engine **ONLY** outdoors or in a well ventilated place. Exhaust fumes are dangerous.

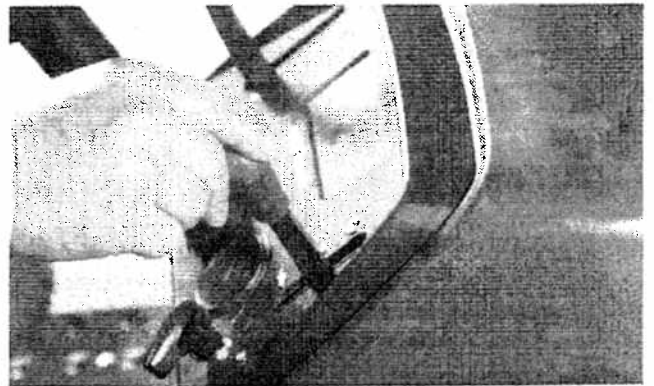
IMPORTANT: To prevent damage, do not use any type of starting fluid.

1 Move PTO lever all the way back in bottom of slot to disengage PTO.



015;M39552 M21;;OEY A 250686

2 Move throttle lever between 1/2 to fast position.



015;M39553 M21;;OEY B 250686

Operating the Engine

3. Turn key switch to first position, but do not start engine.

- Oil pressure indicator (A) will be on.
- Battery discharge indicator (B) will be on.
- The engine preheat indicator (C) on 655 and 755 Tractors will come on for approximately 8 seconds. The indicator light on 855 Tractor will not come on until ambient temperature is below 58°F (14°C) and then will stay on for about 18 seconds. If engine has been run and then cooled, the time may be less. If engine has been run and is hot, the light will not come on.

IMPORTANT: Do not operate starter more than 20 seconds. If engine does not start, wait 2 minutes before you try again. Not doing so can damage the starter. If engine does not start after four tries, see **Electrical Problems in Trouble Shooting** section.

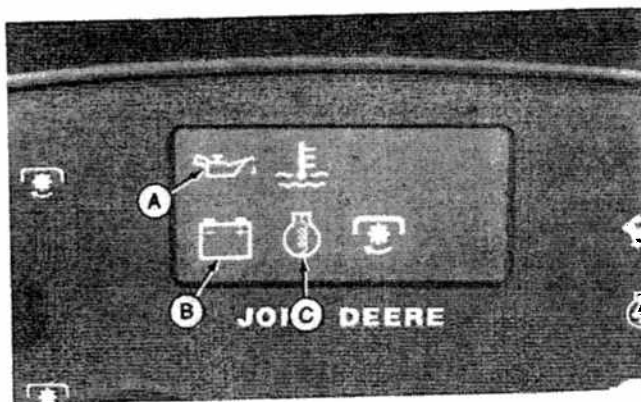
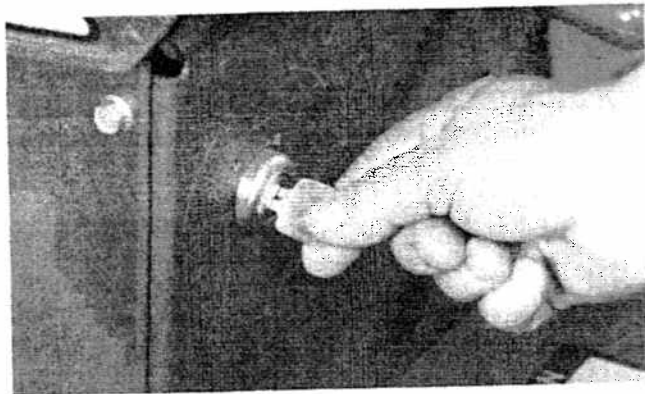
4. As soon as engine preheat light goes out, turn key switch fully clockwise.

5. As soon as engine starts, release key. The key will return to first position.

6. After engine starts, check indicator lights:

- Oil pressure indicator should go out within 5 seconds.
- Battery discharge indicator should go out within 10 seconds. If indicator does not go out after 10 seconds, move throttle to 3/4 position.

If indicators stay on longer than the given time interval, stop engine, find cause, and correct problem. (See your John Deere dealer.)



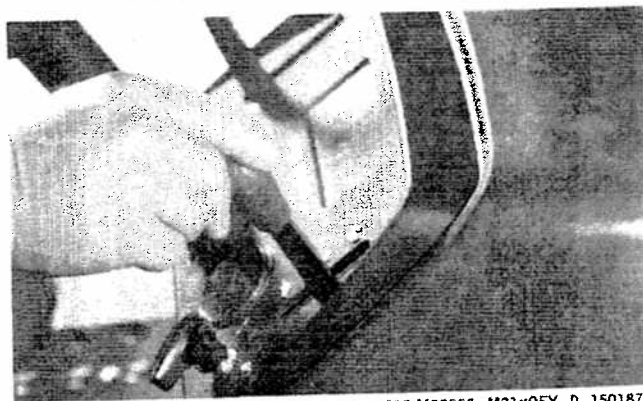
015;M39554 M39555 M21;;OEY C 161286

ENGINE WARM-UP

IMPORTANT: In cold weather, run engine a few minutes to allow engine oil and transmission hydraulic oil to warm-up.

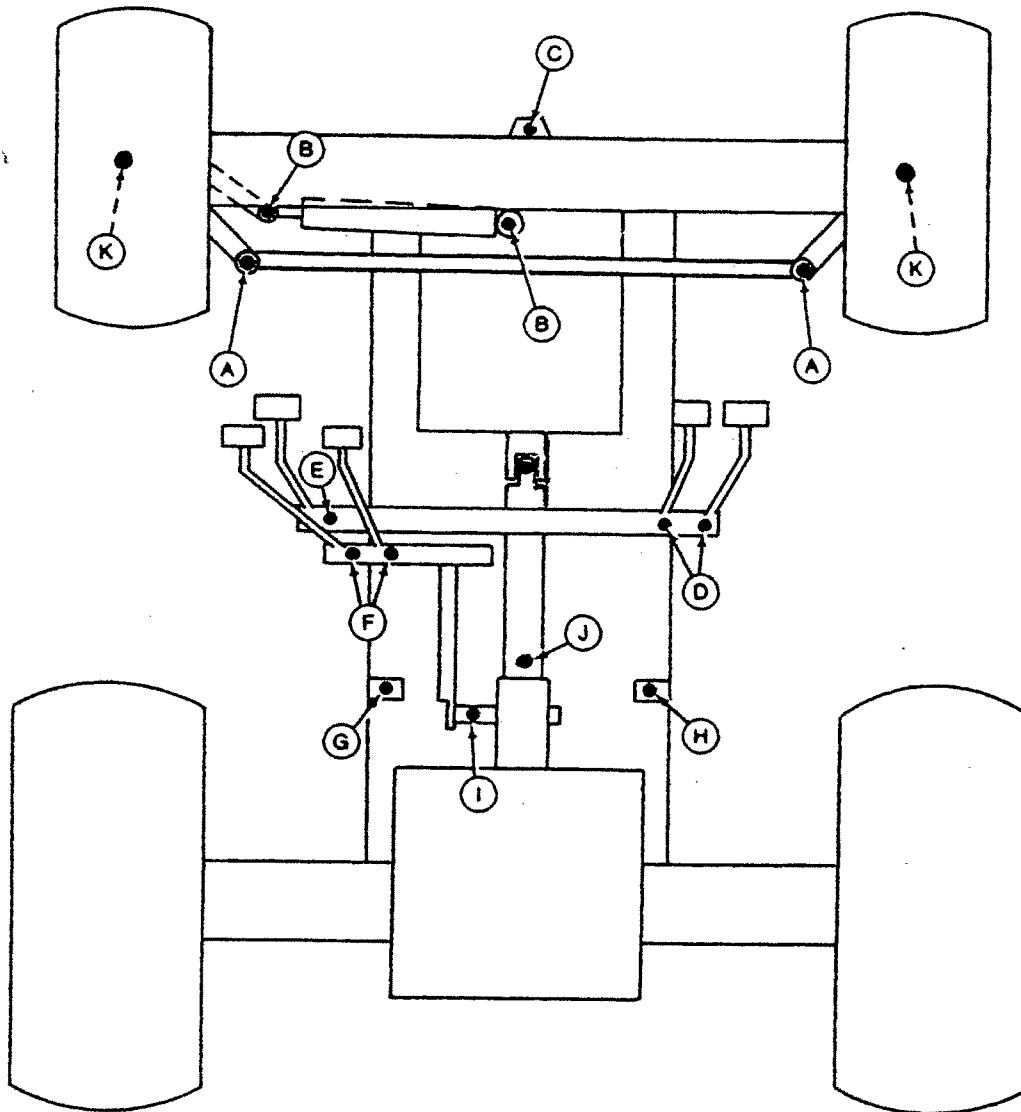
Normal engine operation during warmup:

- Engine is louder.
 - Blue-white exhaust smoke. Amount depends on outside air temperature.
- To warm engine, run it half throttle 5 minutes without load.



015;M39553 M21;;OEY D 150187

LUBRICATING STANDARD TRACTOR GREASE FITTINGS



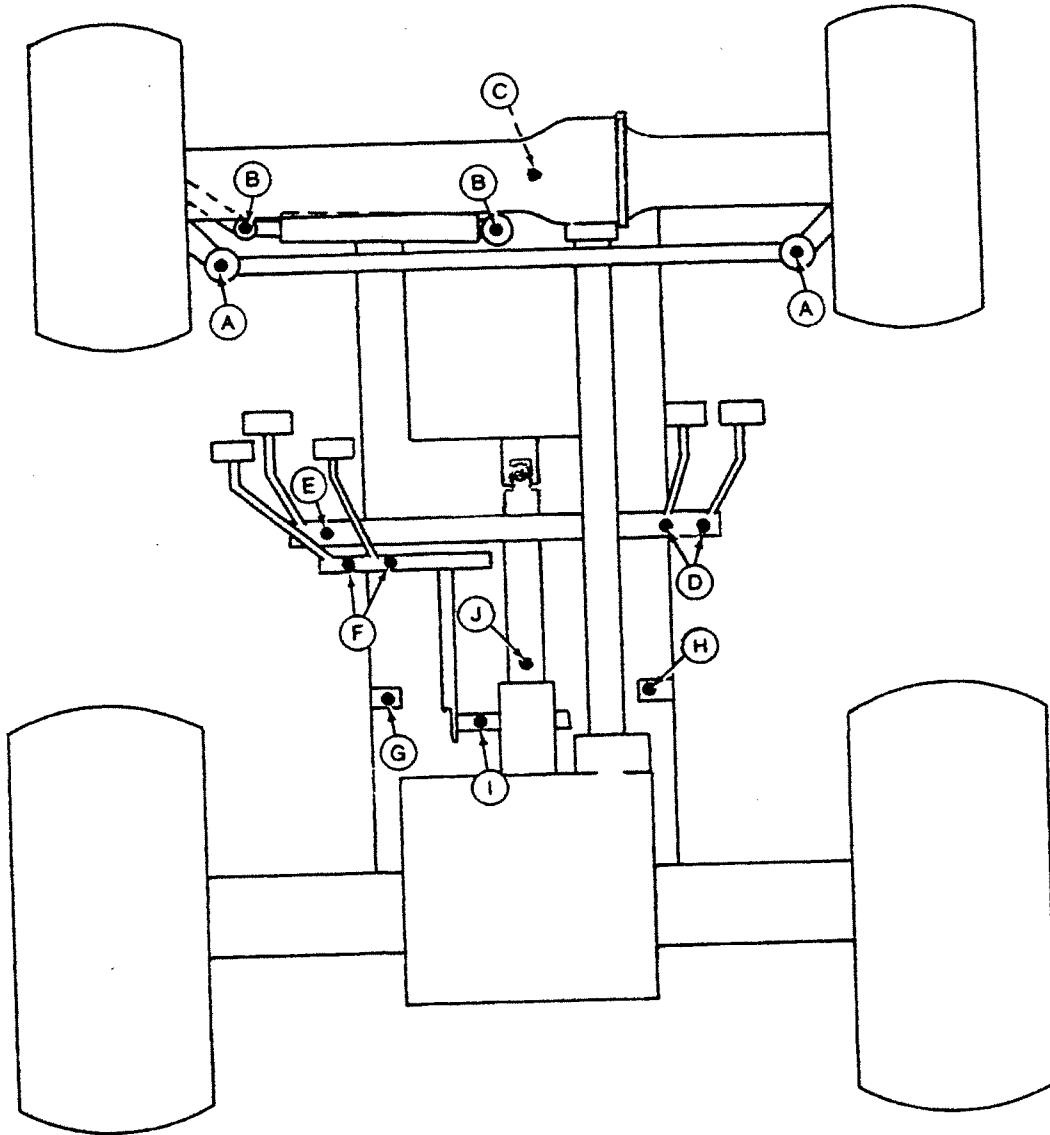
Lubricate all fittings with John Deere Multipurpose Grease. (See General Purpose Grease in Fuels and Lubricants section.)

- A—Tie Rod (2 Fittings)
- B—Power Steering Cylinder (2 Fittings)
- C—Front Axle Pivot
- D—Turn Brake Pedals (2 Fittings)
- E—Service-Park Brake Pedal
- F—Speed Control Pedals (2 Fittings)

- G—Brake Bell Crank
- H—Brake Bell Crank
- I—Control Cam Pivot
- J—Drive Shaft U-Joint*
- K—Front Axle Spindles (2 used)

*NOTE: Remove four screws and platform panel for access to universal joint (J). Lubricate U-joint fitting only once every 500 hours of operation.

LUBRICATING OPTIONAL MFWD TRACTOR GREASE FITTINGS



Lubricate all grease fittings with John Deere Multipurpose Grease (See General Purpose Grease in Fuels and Lubricants sectio.)

- A—Tie Rod (2 Fittings)
- B—Power Steering Cylinder (2 Fittings)
- C—Front Axle Pivot
- D—Turn Brake Pedals (2 Fittings)
- E—Service-Park Brake Pedal

- F—Speed Control Pedals (2 Fittings)
- G—Brake Bell Crank
- H—Brake Bell Crank
- I—Control Cam Pivot
- J—Drive Shaft U-Joint*

*NOTE: Remove four screws and platform panel for access to universal joint (J). Lubricate U-joint fitting only once every 500 hours of operation.