



International Harvester

Operator's Manual

Cub Cadet

**73, 106, 107,
126, 127 & 147**

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Operator's Manual

IH-O-C CAD 73+

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SAFETY INSTRUCTIONS

1. Disengage all clutches and shift into neutral before starting the engine.

2. Disengage power to any attachments and stop engine before leaving operator's seat or making any repairs or adjustments.

3. Know the controls and how to stop quickly
- READ THE OPERATOR'S MANUAL.

4. Do not allow children or adults to operate the equipment without proper instruction.

5. Clear work area of objects which might be picked up and thrown.

6. Disengage power to any attachment when transporting or not in use.

7. Do not carry passengers. Keep children and pets a safe distance away.

8. Take precautions, such as disengaging power take-off, shifting into neutral, setting the parking brake, stopping the engine and removing ignition key when leaving machine unattended.

9. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control.

10. Stay alert for holes in terrain and other hidden hazards.

11. Don't stop or start suddenly when going uphill or downhill.

12. Use care when pulling loads or using heavy equipment: - A. Use only approved drawbar hitch points. B. Limit loads to those you can safely control. C. Don't turn too sharp, and use care when backing. D. Use counterweight or wheel weights when suggested in Operator's Manual.

13. Watch out for traffic when crossing or near roadways.

14. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near the machine while in operation.

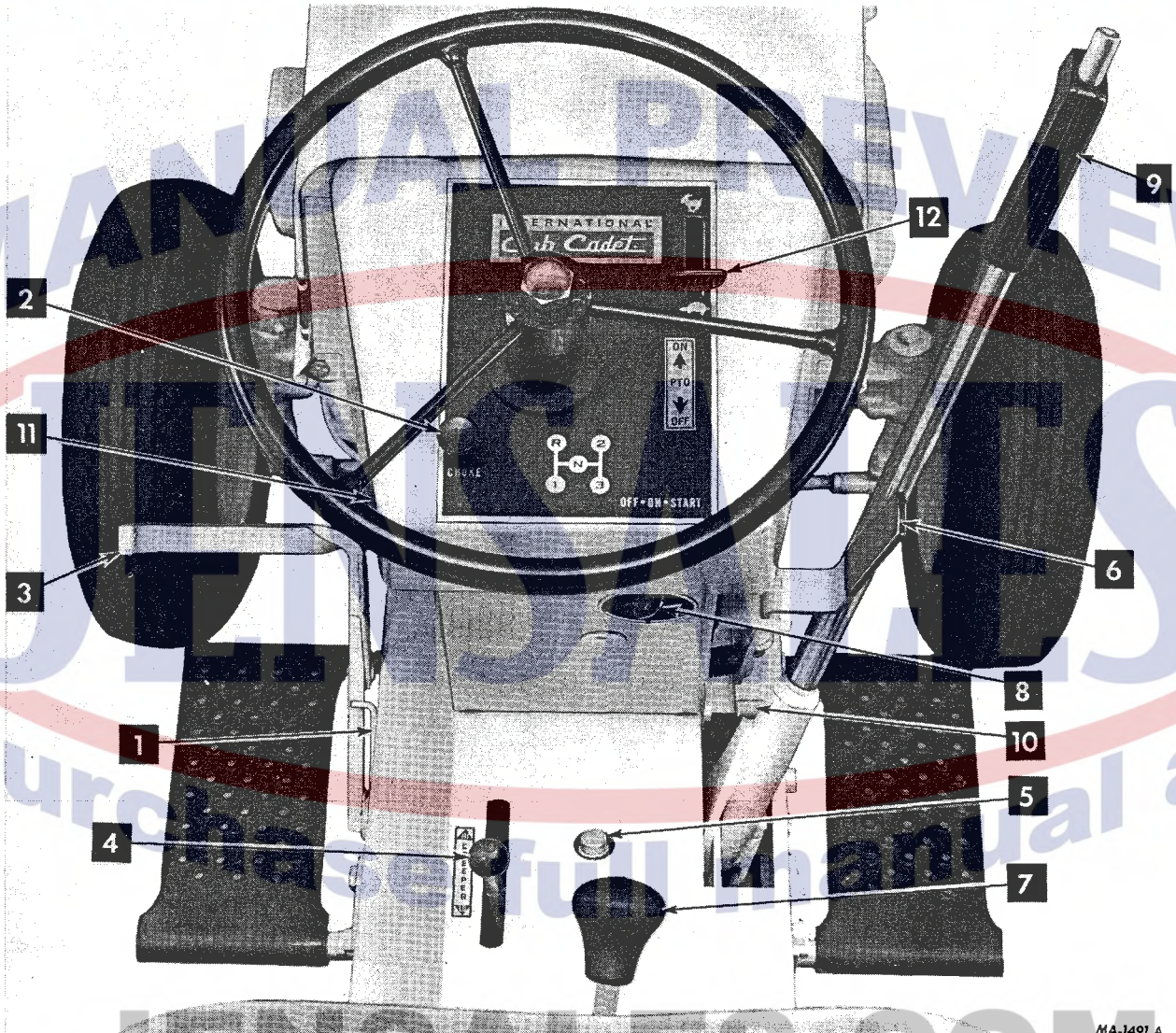
15. Handle gasoline with care - it is highly flammable: - A. Use approved gasoline container. B. Never remove the fuel tank cap or fill the fuel tank when the engine is running, is hot, or fill the fuel tank indoors. Also, do not smoke when working around inflammable fuel. Wipe up spilled gasoline. C. Replace gasoline cap securely. D. Open doors if engine is running in a garage - exhaust gasses are dangerous.

16. Keep machine in good operating condition and keep safety devices in place. Use guards as instructed in Operator's manual.

17. It is recommended that the machine be stopped and inspected for damage after striking a foreign object and that any damage be repaired before restarting and operating the machine.

INSTRUMENTS AND CONTROLS

Your Cub Cadet Tractor has been safety engineered. Thoroughly acquaint yourself with all the instruments and controls before attempting to start or operate the tractor.



MA-1491 A

Illust. 5

Instruments and controls on the International Cub Cadet 73 Tractor.

- | | |
|--|------------------|
| 1. Brake pedal lock | See pages 12, 13 |
| 2. Choke control button | See page 9 |
| 3. Clutch-brake pedal | See pages 11, 12 |
| 4. Creeper shift lever * | See page 12 |
| 5. Creeper drive housing breather | |
| 6. Front power take-off clutch lever | See page 16 |
| 7. Gearshift lever | See page 12 |
| 8. Ignition switch | See page 19 |
| 9. Lift handle | See pages 13, 14 |
| 10. Lift handle stop | See page 14 |
| 11. Lighting switch button * | See page 20 |
| 12. Throttle lever | See page 8 |

* Optional Equipment

ENGINE COOLING AND AIR CLEANER

CLICK ANYWHERE FOR MORE DETAILS

ENGINE COOLING

This tractor has an air cooled engine. Air must be able to circulate freely around the engine, through the screen and shroud, and over the fins of the cylinder head and cylinder block. Keep these areas free of accumulated dirt and trash or the engine will overheat and result in damaged moving parts. Periodic cleaning with compressed air will keep this area clear for adequate cooling.

DRY TYPE AIR CLEANER



Illust. 18
Removing the air cleaner filter element.

Incoming air for combustion is filtered by a dry-type air cleaner having a filter element inside of the cover.

Remove and clean or replace the element with a new one when loss of power is noticeable. Replace at least once a year.

Cleaning the Element

To clean the element, remove the wing nut, washer, and air cleaner cover (Illust. 18) then remove the element and tap it lightly on a flat surface to cause the loose dirt to fall off. Handle the paper element with care to avoid perforations. Do not use compressed air to remove the dirt as this can rupture the element. Do not wash or use a solvent.

Replacing the Element

Replace the element with a new one if dirt does not drop off easily, or if it is bent, crushed or damaged. When replacing the element be sure the back plate is securely tightened to the carburetor. Replace the back plate if bent or cracked, then be sure the element fits snugly around the inside edge of the air cleaner base. The gasket surfaces of the element must be flat against the back plate and cover to seal effectively. The washer must be in place between the cover and the wing nut to seal and prevent unfiltered air from entering through the hole in the cover. Then replace the cover and tighten the wing nut finger tight.



CLICK ANYWHERE FOR MORE DETAILS

ELECTRICAL SYSTEM

CLICK ANYWHERE FOR MORE DETAILS

The twelve-volt electrical system consists principally of a motor-generator, voltage regulator, and a twelve-volt battery.

All connections must be clean and securely fastened.

IGNITION SWITCH

Turn the key clockwise to turn on the ignition. A further turn actuates the motor-generator. The key cannot be removed when in the "ON" position.

Note: When the engine is not operating the key must be turned to the "OFF" position to prevent battery discharge.

SAFETY STARTING SWITCH

The safety starting switch, activated by the clutch-brake pedal, serves to prevent starting the engine accidentally.

CHARGE INDICATOR

This instrument (Illust. 6) indicates whether the motor-generator is charging or the battery is discharging. If it shows discharge continuously, investigate the cause to avoid completely discharging the battery and possible damage to the motor-generator.

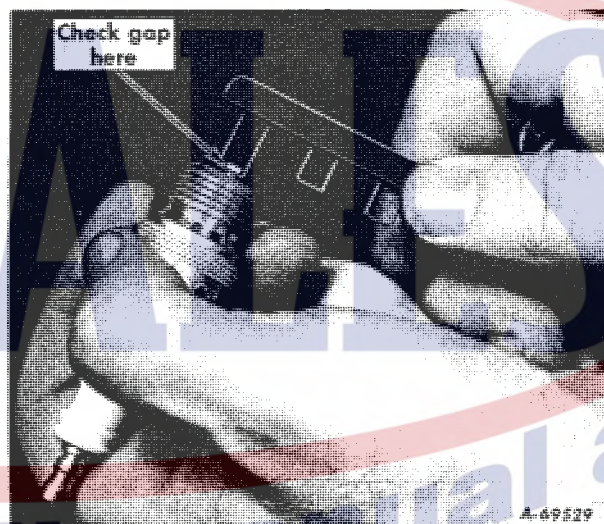
CIGARETTE LIGHTER (Optional)

Push the lighter to make electrical contact. When it pops back it is ready for use.

SPARK PLUG

Note: Remove all dirt from around the spark plug before removing.

Remove the spark plug, always using a spark plug wrench, after every 100 hours of operation to check the gap. See Illust. 19.



Illust. 19

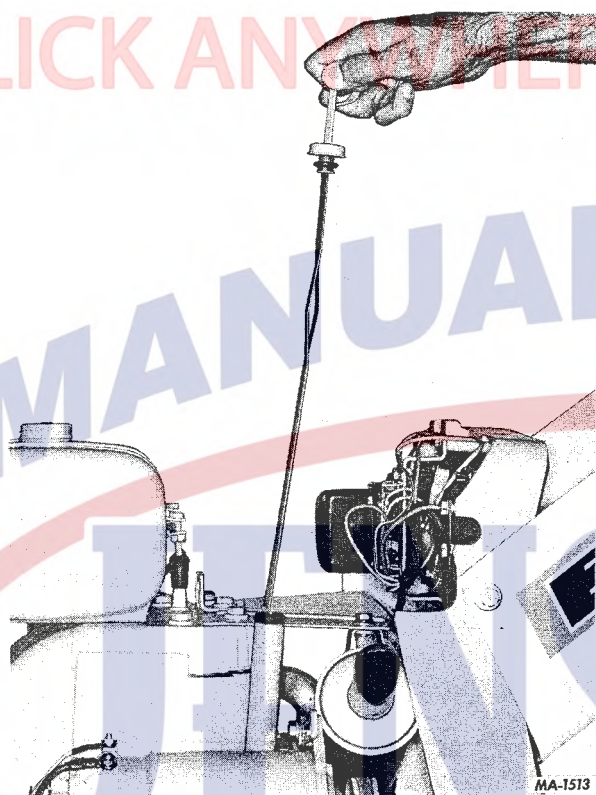
Checking the spark plug gap.
Set gap at .025-inch.

Be sure the gasket is in good condition. Tighten the plug $1/2$ to $3/4$ turns past finger tight.

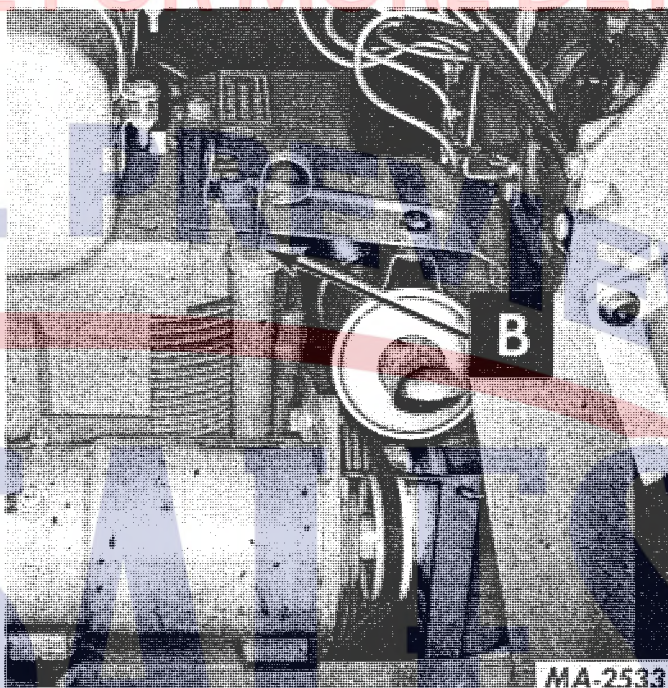
Replace a defective plug with a new plug. See your International Harvester dealer for a correct replacement plug.

CLICK ANYWHERE FOR MORE DETAILS

ENGINE OIL - Continued



Illust. 29 - Oil Level gauge
International Cub Cadet 73, 106, 107, and
some models of the 126 and 127 Tractors.



Illust. 29B - Oil filler cap
International Cub Cadet 147 Tractor and
some models of the 126 and 127 Tractors.



Illust. 29A - Oil level gauge
International Cub Cadet 147 Tractor and
some models of the 126 and 127 Tractors.

TRANSMISSION OIL FILTER

(International Cub Cadet 107, 127, and 147 Tractors)

Remove the throwaway can-type filter and replace with a new filter after the first 10 hours and after 50 hours of operation, and every 100 hours of operation thereafter.

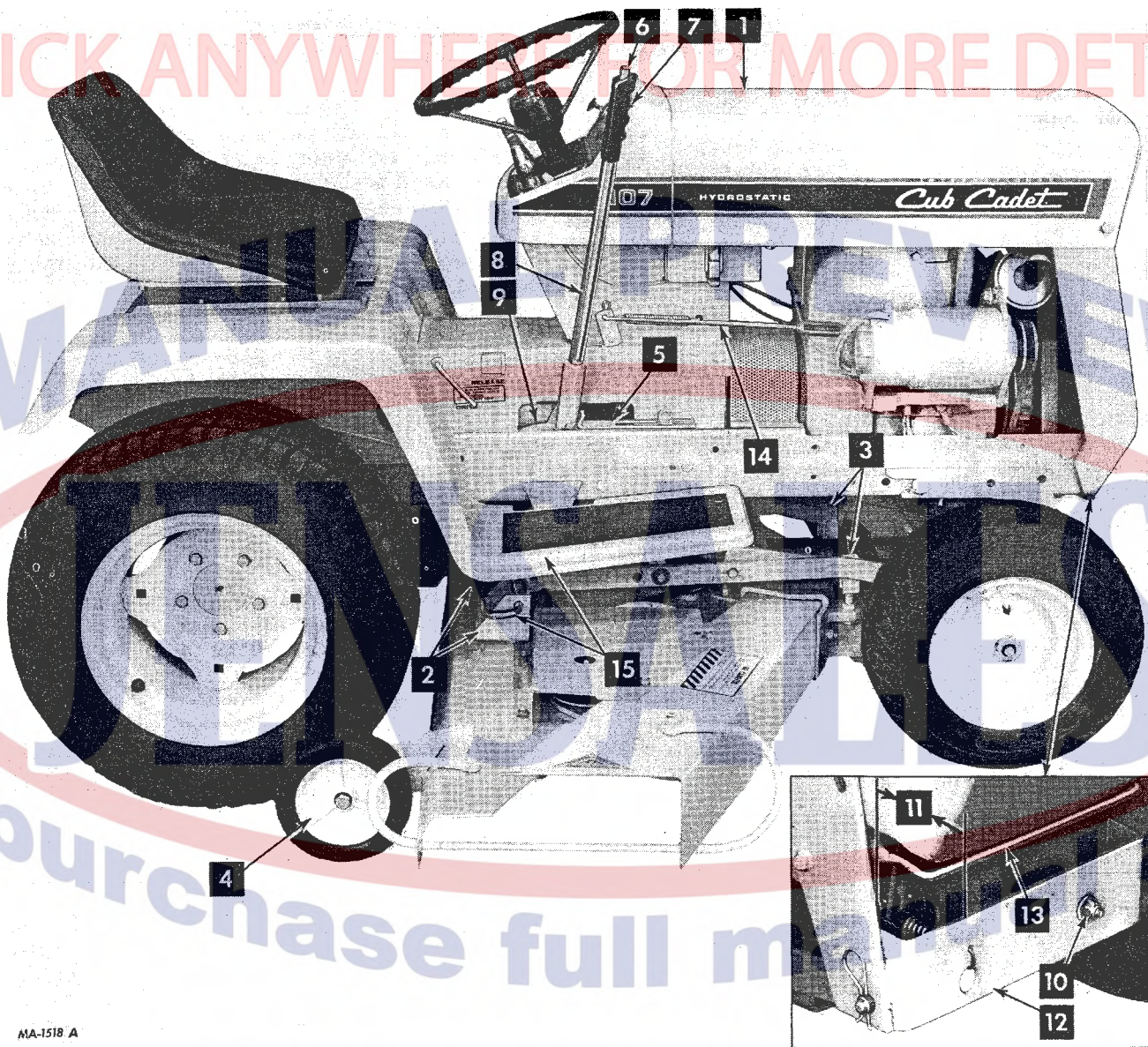
Note: Clean the outside area before removing the filter to keep dirt from getting into the transmission case. If a mower is mounted on the tractor, the mower must be lowered to facilitate the removal of the filter.

To remove the filter, turn the filter counterclockwise using an automotive type filter wrench or an open end wrench.

Before installing the new filter, apply a coating of oil on the filter gasket. Thread the filter on by hand until tight enough to seat the gasket.

Loosen the filter. Then turn it until the gasket contacts the base. Tighten the filter an additional one half turn. Check for leaks and check oil level of transmission case.

ADJUSTING AND OPERATING



MA-151B A

- | | |
|---|----------------------------------|
| 1. Power take-off clutch lever (not seen) | 9. Lift handle quadrant |
| 2. Mower support brackets | 10. V-belt tension bolt |
| 3. Mower support clevises | 11. Extension spring |
| 4. Gauge wheels | 12. Front hanger cover |
| 5. Lift handle stop | 13. Quick hitch |
| 6. Release button | 14. Power take-off clutch rod |
| 7. Lock button | 15. Support pins (spring loaded) |
| 8. Lift handle | |

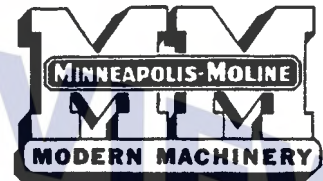
Illust. 43

LUBRICATION

After every 16 hours of operation, lubricate the three spindle bearings (one fitting in each spindle), using IH 251H EP grease or equivalent No. 2 multi-purpose lithium grease.

Caution! Never look into the discharge opening while the blades are in motion.

Caution! Stop the tractor engine before attempting to clean or work on the mower.



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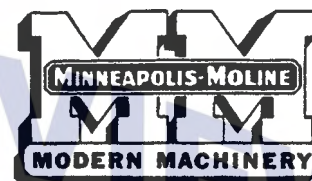


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