

John Deere 870G, 870GP, 872G, 872GP (SN. 634754-) Motor Grader Operator's Manual (OMT278209)

870G, 870GP, 872G, and
872GP Motor Graders with
Engines 6090HDW01,
6090HDW04



JOHN HARE



COLLECTION

OPERATOR'S MANUAL

models 870G, 870GP, 872G, 872GP (SN. 634754-)

OMT278209 08 MAY 13 (ENGLISH)



John Deere Construction and Forestry
Printed by Belgreen



Covers: 634754-);,870G,870GP,872G,872GP

Type: Service Manual

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Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 870G, 870GP, 872G, 872GP (SN. 634754-) Motor Grader Operator's Manual (OMT278209)**

In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

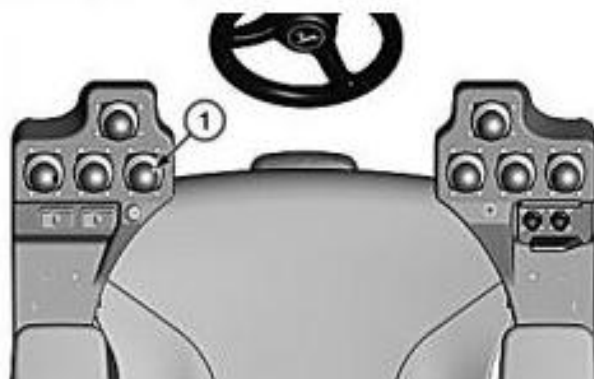
Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
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- Diagnostics, Tests and Adjustments
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- and much more...

Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

Release ripper float by pressing button again to turn off or moving the associated lever.

Circle Rotate Lever



LEGEND:

1 Circle Rotate Lever

Circle Rotate Lever

Pull circle rotate lever (1) back to rotate circle clockwise.

Push circle rotate lever forward to rotate circle counterclockwise.

Circle Side Shift Lever



LEGEND:

1 Circle Side Shift Lever

Circle Side Shift Lever

Pull circle side shift lever (1) back to shift circle right.

Push circle side shift lever forward to shift circle left.

Articulation Lever



LEGEND:

1 Articulation Lever
2 Return-to-Straight Button

Articulation Lever

This lever is a 2-axis lever. Forward/back operates the articulation.

Pull articulation lever (1) back to steer machine right.

Push articulation lever forward to steer machine left.

Use articulation lever:

6WD Operation—If Equipped

The 6WD system allows the operator to control front wheel drive engagement and speed to adjust for various operating conditions.

The 6WD controls consist of:

- 6WD/Precision switch (6).
- 6WD inching mode switch (3).
- Aggressiveness mode dial (1).

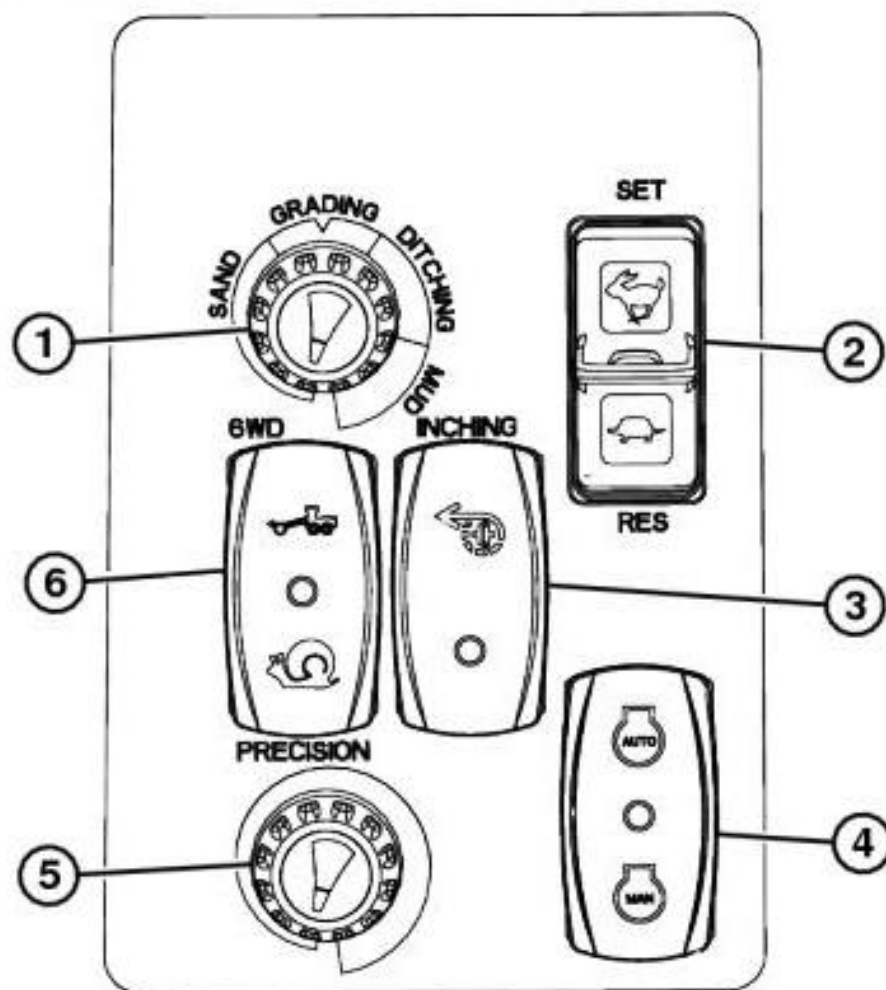
→NOTE:

For precision mode details, see Precision Mode Operation—If Equipped (Section 2-2).

To engage 6WD, the following must occur:

- Transmission in gear 1—7 forward or reverse.
- 6WD/Precision switch in the 6WD position.

When engaged, the grader icon will appear on the monitor.



Side Console Switch Panel

LEGEND:

- | | |
|---|---------------------------------|
| 1 | Aggressiveness Mode Dial |
| 2 | Engine Speed Control Switch |
| 3 | Inching Mode Switch |
| 4 | Engine Speed Auto/Manual Switch |
| 5 | Precision Mode Speed Dial |
| 6 | 6WD/Precision Switch |

To disengage 6WD, push the 6WD/Precision toggle switch to OFF (middle) position or select the 8th transmission gear.

Aggressiveness Mode— Aggressiveness mode dial (1) changes the speed of the front wheels in relation to the tandem



Thank you very much
for your reading.
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to get more information.