



Service Manual

Chassis & Mast

MC/FC

FD70N1 AF20E-00011-up

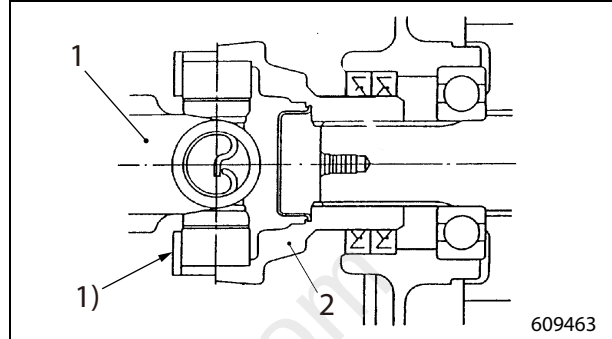
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1.6 Installation

To install, follow the removal sequence in reverse.

Suggestions for installation

- (1) Visually inspect the mount and the mount brackets for wear and cracks.
- (2) Gently lift the engine and transmission unit.
- (3) When installing the engine and transmission unit on the frame, position it on the mounting brackets while aligning the front side universal joint with the transmission output flange.



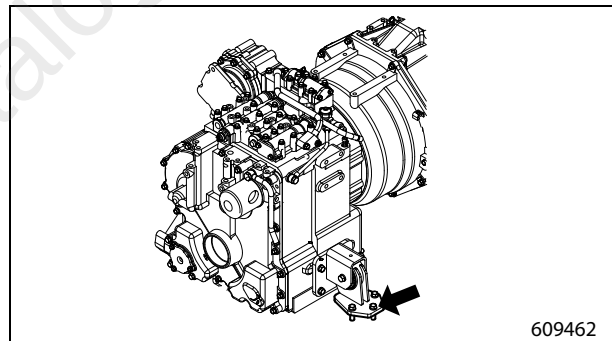
1. Universal joint
2. Output flange

1) Tighten the mounting bolt on output flange side.

Tightening torque

$71 \pm 10 \text{ N}\cdot\text{m}$ ($7.24 \pm 1.02 \text{ kgf}\cdot\text{m}$) [$52.37 \pm 7.38 \text{ lbf}\cdot\text{ft}$]

- (4) Align both mounting bolts with the thread holes on the differential case, and tighten the mounting bolts.



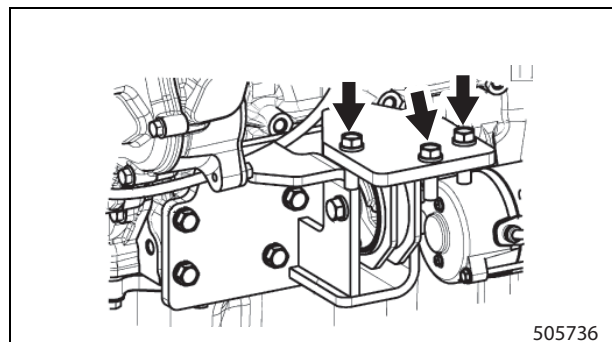
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Transmission mounting

Tightening torque

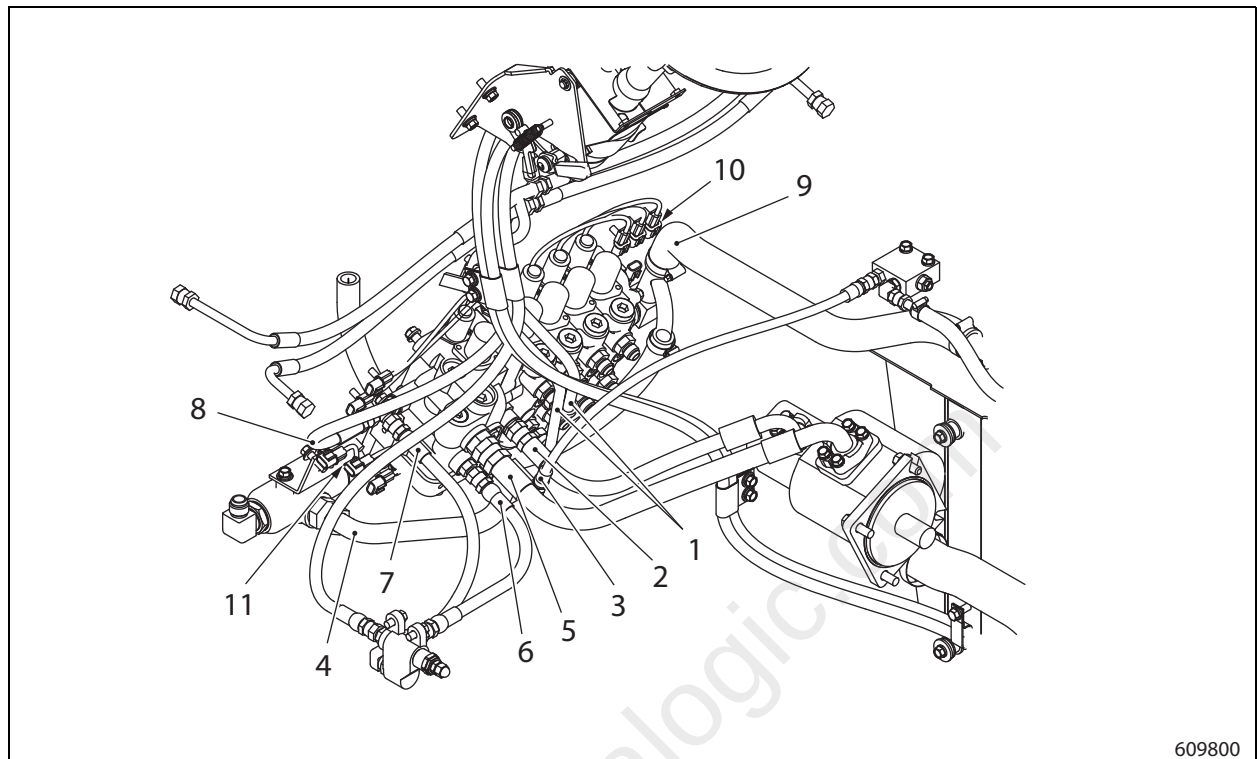
$59.8 \pm 6.0 \text{ N}\cdot\text{m}$ ($6.10 \pm 0.61 \text{ kgf}\cdot\text{m}$) [$44.11 \pm 4.425 \text{ lbf}\cdot\text{ft}$]

- (5) Align right and left engine support mounting bolts with the engine mount bolt holes on the frame, and tighten the mounting bolts.



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FC control valve

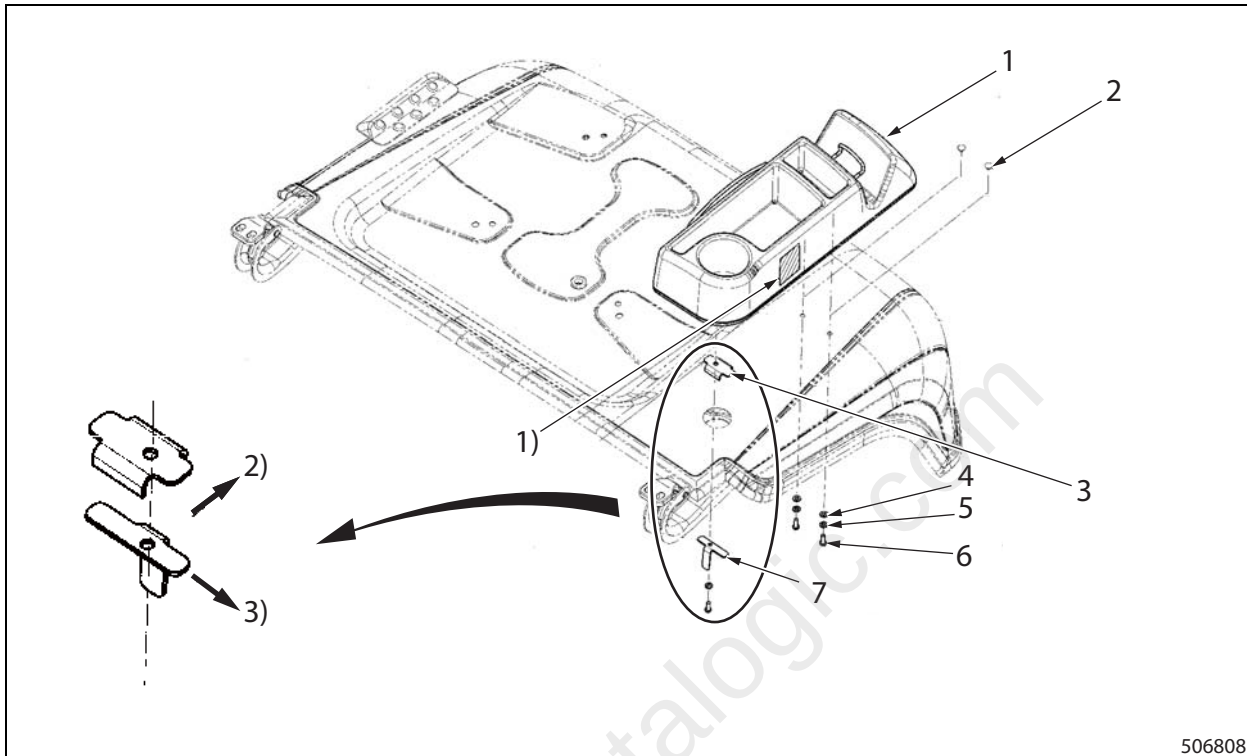


- | | |
|--|---|
| 1. Tilt pipe, Clamp | 7. Hose (from T2 port to steering relief valve) |
| 2. Hose (from P2 port to pump) | 8. Steering return hose |
| 3. Hose (from lift pipe to lift emergency valve) | 9. Return hose |
| 4. Lift pipe | 10. Lift /Tilt Solenoid valve connector |
| 5. Delivery hose | 11. Unload solenoid valve connector |
| 6. Hose (from PF port to steering relief valve) | |

Note: The standard control valve is a dual type.

13. Utility Tray Kit

This option improves convenience of the operator.



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- | | |
|--------------------------|---------------------------------------|
| 1. Utility tray assembly | 6. Machine screw (3 places) |
| 2. Plug | 7. Lower bracket |
| 3. Upper bracket | 1) Pinch point decal must be attached |
| 4. Plain washer | 2) Forward of forklift truck |
| 5. Spring washer | 3) Right side of forklift truck |

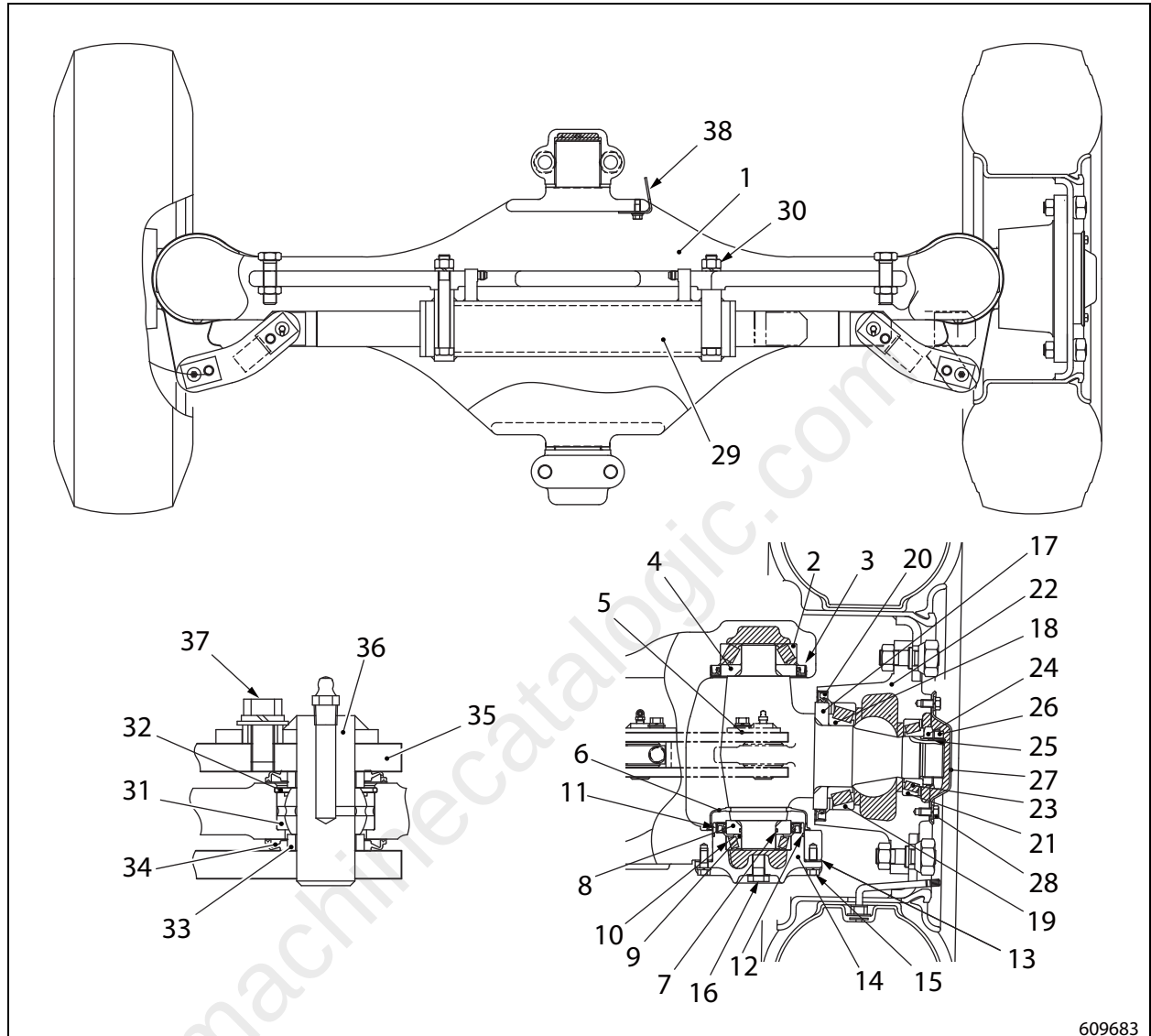
Ref.	Tightening torque
6	1.6 to 2.0 N·m (0.16 to 0.20 kgf·m) [1.18 to 1.48 lbf·ft]

Suggestions for installation

- (1) Remove the plugs of engine cover.
- (2) Install the utility tray assembly as shown.
- (3) Attach pinch point decal as shown.

8. Assembling Rear Axle

8.1 Assembly Sequence



Full Version Available

Mitsubishi FD70N1 Forklift Service Manual (99709-70100)

Mitsubishi FD70N1 forklift service manual PDF, full repair, hydraulics, wiring, and engine procedures for shop techs. Instant PDF download.

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