



Service Manual

Chassis & Mast

MC/FC

FG40N	CF40A-00011-99999
FG45N	CF29E-50001-79999
FG50CN	CF29E-80001-99999
FG50N	CF33D-50001-79999
FG55N	CF33D-80001-99999

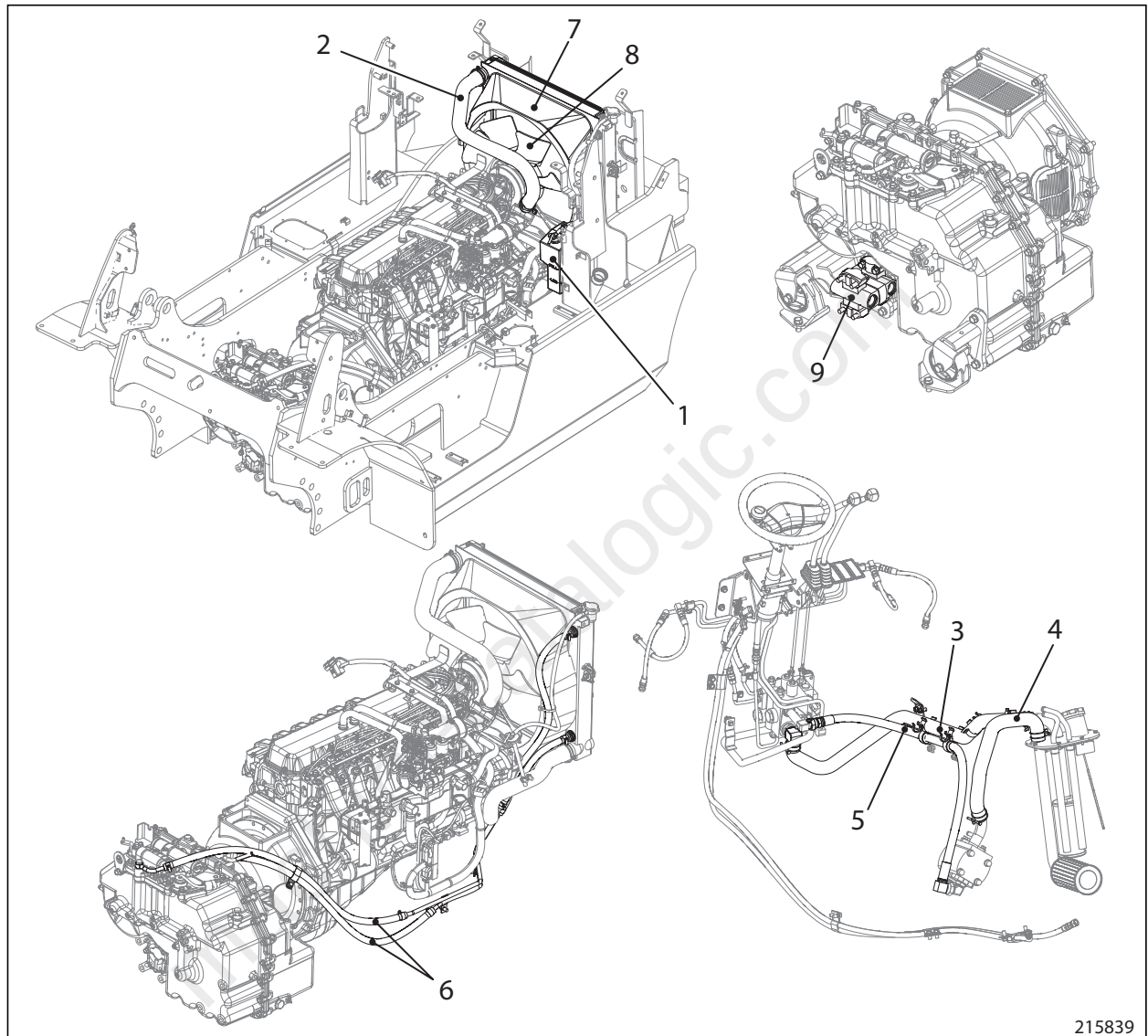
FD40NB	CF12D-00011-99999
FD45NB	CF19F-50001-79999
FD50CNB	CF19F-80001-99999
FD50NB	CF28E-50001-79999
FD55NB	CF28E-80001-99999

1.8 Removing Pipes, Hoses, and Radiator (LPG Model)

Preparation

Loosen the drain cock at the bottom of the radiator to drain the coolant.

Removal sequence

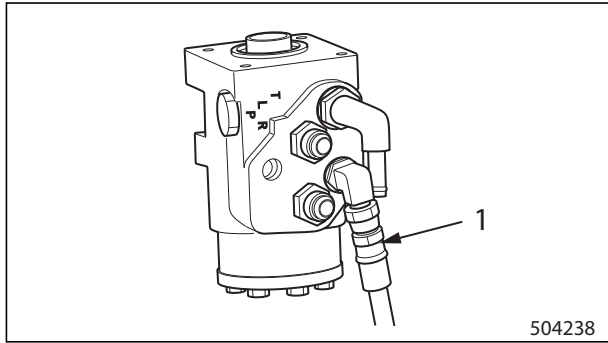


- | | |
|--|--|
| 1. Reserve tank | 6. Oil cooler hose (between radiator and transmission) |
| 2. Radiator hose (upper, lower) | 7. Shroud |
| 3. Hydraulic hose (between tank and control valve) | 8. Cooling fan |
| 4. Hydraulic hose (between tank and oil pump) | 9. Universal joint (between transmission and reduction/differential gears) |
| 5. Hydraulic hose (between oil pump and control valve) | |

Suggestions for Removal

Disconnect the oil cooler hose from the transmission side and temporarily attach it onto the side wall of the frame.

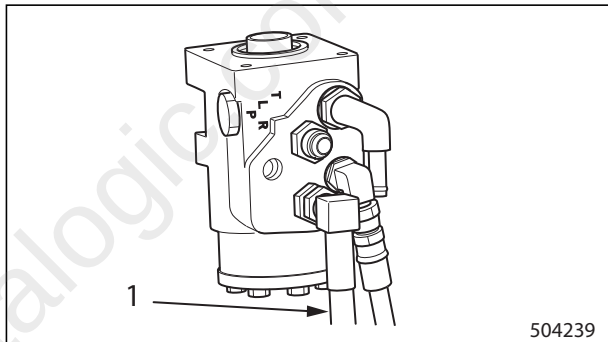
- (4) Connect hose to LS port connector.
(MC model only)



1. Hose

Item	Tightening torque
LS port connector hose	24.5 ± 2.5 N·m (2.50 ± 0.25 kgf·m) [18.070 ± 1.84 lbf·ft]

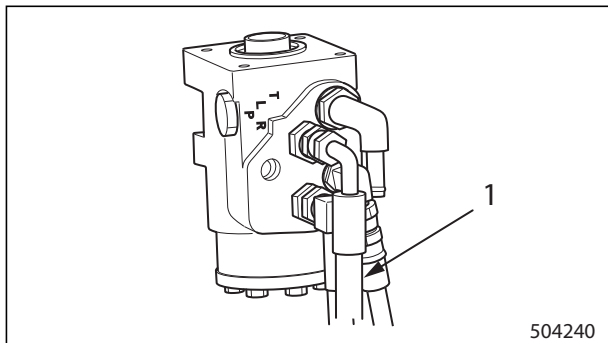
- (5) Connect hose to R port connector.



1. Hose

Item	Tightening torque
R port connector hose	49 ± 4.9 N·m (5.0 ± 0.49 kgf·m) [36.14 ± 3.61 lbf·ft]

- (6) Connect hose to L port connector.

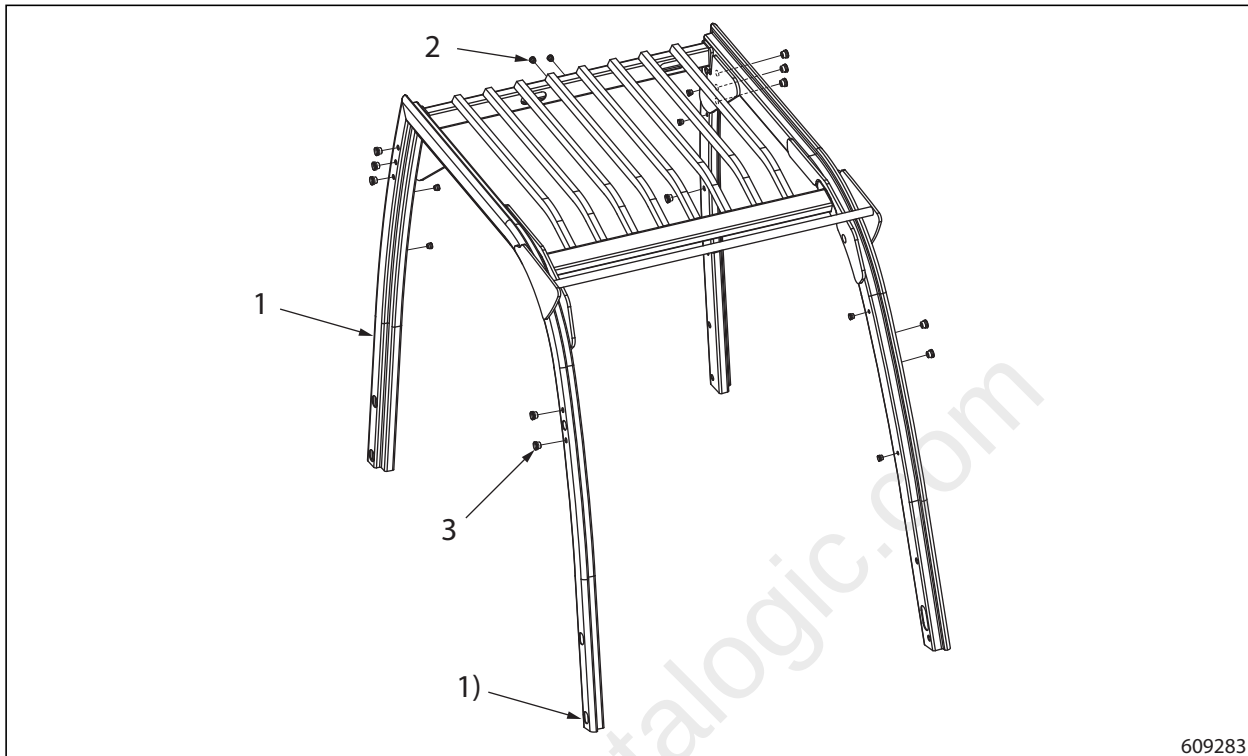


1. Hose

Item	Tightening torque
L port connector hose	49 ± 4.9 N·m (5.0 ± 0.49 kgf·m) [36.14 ± 3.61 lbf·ft]

14. High Overhead Guard Kit

This option hightens the overhead guard height by 150 mm (5.91 in.)

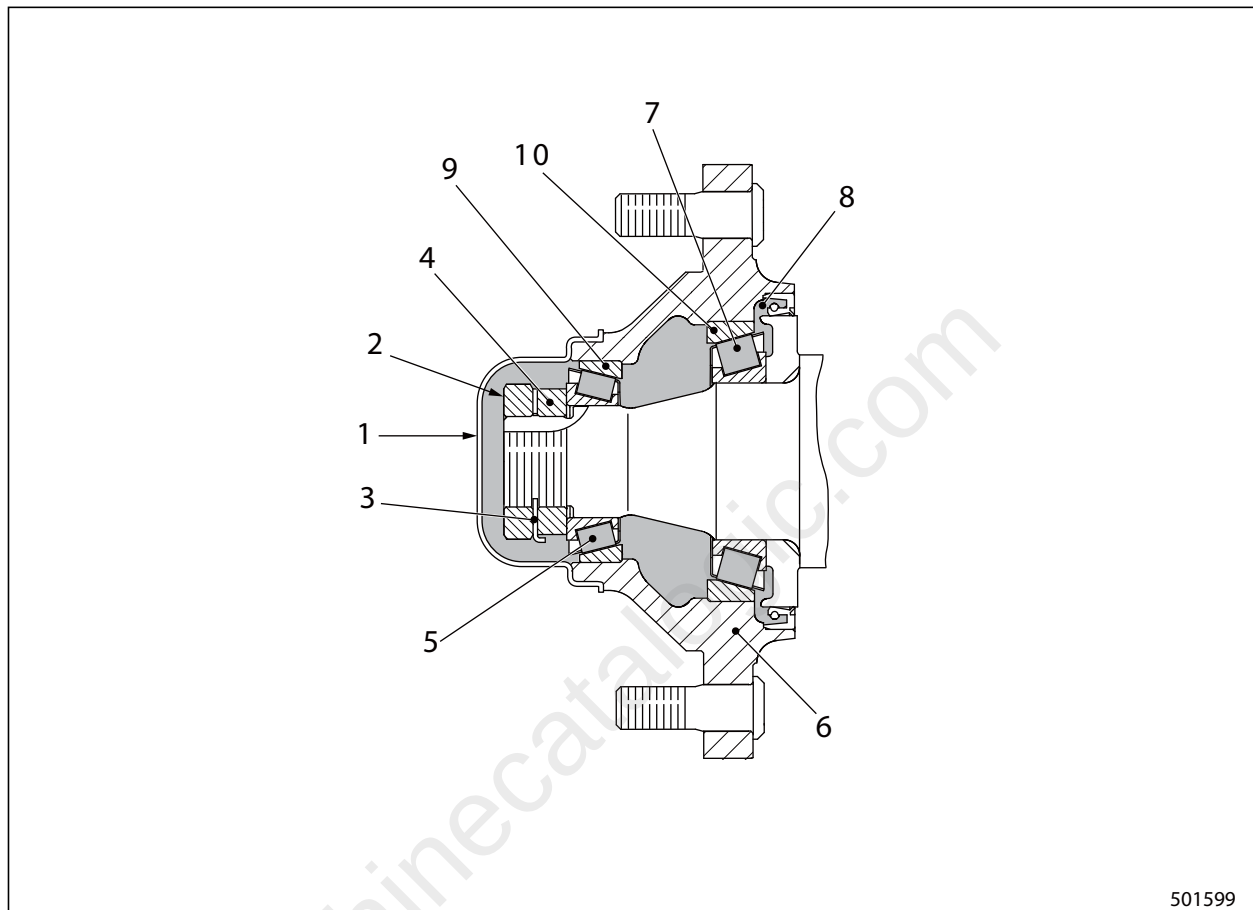


- | | |
|-----------------------|--|
| 1. Overhead guard low | 3. Threaded insert M8 |
| 2. Threaded insert M6 | 1) 89.8 to 134.6 N·m (9.16 to 13.73 kgf·m) [66.23 to 99.27 lbf·ft] |

3. Disassembling and Assembling Wheel Hub

3.1 Disassembling Wheel Hub

Disassembly sequence



501599

- | | |
|--|---|
| 1. Hub cap | 6. Hub (with tapered roller bearing) |
| 2. Locknut (hexagon nut) | 7. Tapered roller bearing (inner race) |
| 3. Lockplate | 8. Oil seal |
| 4. Locknut (hexagon nut) | 9. Tapered roller bearing (outer race) |
| 5. Tapered roller bearing (inner race) | 10. Tapered roller bearing (outer race) |

Suggestions for Disassembly

- (1) Remove the rear wheel beforehand.
- (2) Check the hub for looseness. If looseness is found, the bearing may be worn.
- (3) Do not remove the bearing if it is not damaged.
- (4) The inner and outer races of tapered roller bearing make a pair. Replace them as a set, if required.
- (5) Replace oil seals once they are removed. Do not reuse it.
- (6) Use the special tool to remove the bearing.

Full Version Available

Mitsubishi FD45NB Forklift Service Manual (99739-5B110)

Mitsubishi FD45NB forklift service manual, diesel, hydraulics, mast, and wiring repair procedures in searchable PDF format. Instant PDF download.

[VIEW THE FULL MANUAL](https://machinecatalogic.com/mitsubishi-fd45nb-forklift-service-manual-99739-5b110/)

<https://machinecatalogic.com/mitsubishi-fd45nb-forklift-service-manual-99739-5b110/>