

8. DISASSEMBLY OF FRONT AXLE

8.1 FIRST STAGE (DISCONNECTION OF FRONT AXLE CASE AND BEVEL GEAR CASE)

1. Disengage axle case support (1) attaching bolt (2).
2. Disconnect front axle case (3) from bevel gear case (4), taking care not to drop it.

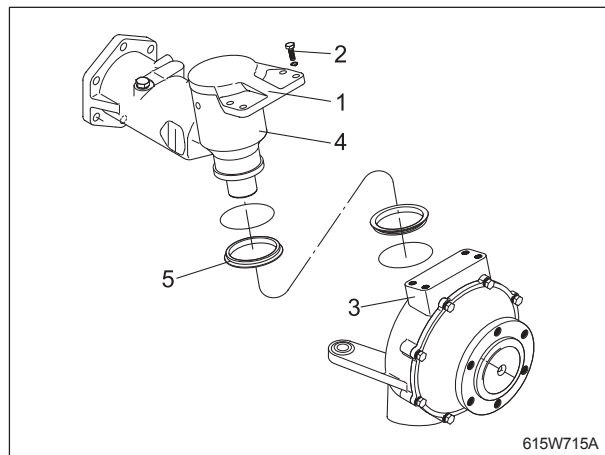
(When reassembling)



- Make sure floating seal (5) is not damaged and the O-ring has not deteriorated with grease, oil, or other foreign matters.

FLOATING SEAL Assembling Method
Divide each O-ring and seal ring into 1 suit and assemble in bevel gear case and front axle case, making sure O-ring is not damaged using assembly fixture.

Sect.	Spec.	Tightening torque
Axle case attaching bolt	M12	77.4 ~ 90.2 N·m 7.9 ~ 9.2 kgf·m 57.2 ~ 66.5 lbf·ft



- (1) Axle Case Support (4) Bevel Gear Case
(2) Bolt (5) Floating Seal
(3) Front Axle Case

8.2 SECOND STAGE (DISASSEMBLY OF FRONT AXLE)

1. Loosen the attaching bolt of front axle cover (1) and disconnect the front axle (2) and cover from front axle case.
2. Pull out bevel gear (3) and bearing (4) simultaneously using a bearing puller.
3. Pull out snap ring (5) and remove front axle (2) from cover (1).

(When reassembling)

- Apply front axle cover O-ring (6) with grease.
- Check snap ring (5) for mounting.

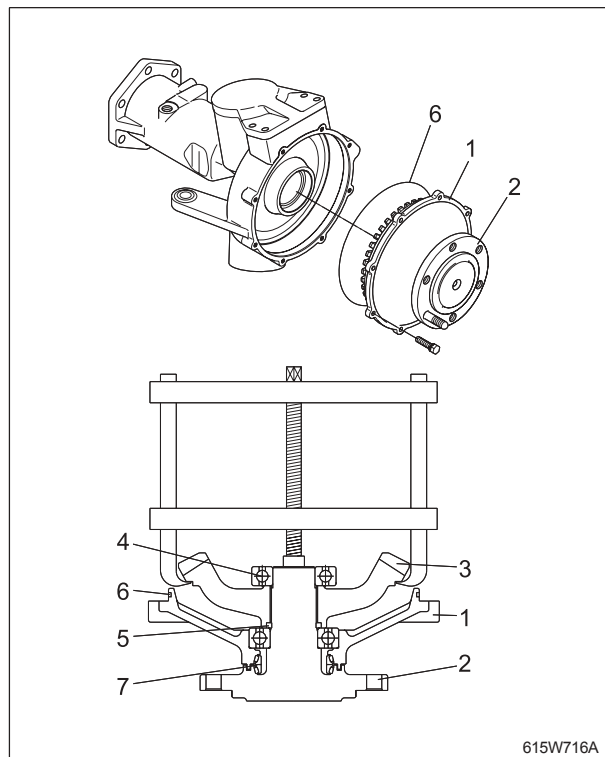


- Make sure the floating seal (7) is not damaged and O-ring (6) is not deteriorated with grease, oil, or other foreign matters.

A. Floating Seal Assembling Method

Divide each O-ring and seal ring into 1 suit and assemble in bevel gear case and front axle case with pushing O-ring not to be damaged using assembly fixture.

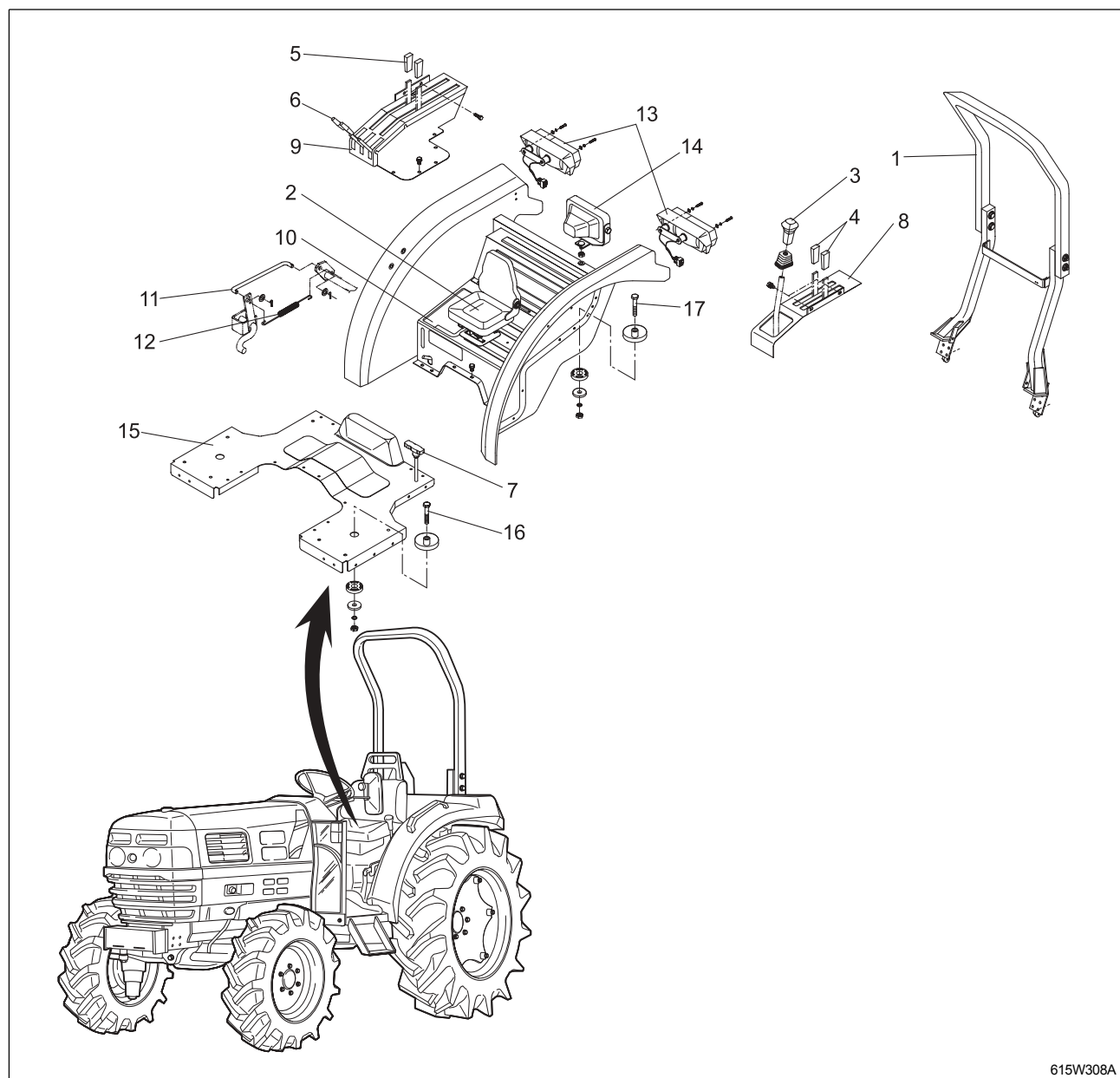
Sect.	Spec.	Tightening torque
Tightening bolt	M8	23.5 ~ 27.5 N·m 2.4 ~ 2.8 kgf·m 17.4 ~ 20.3 lbf·ft



- (1) Front Axle Cover (5) Snap Ring
(2) Front Axle (6) O-Ring
(3) Bevel Gear (7) Floating Seal
(4) Ball Bearing

1.2 DISASSEMBLY OF FENDER AND STEPLADDER ASSEMBLY

A. FIRST STAGE



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|-------------------------------------|--------------------------------|
| (1) ROPS | (10) Seat Lower Assembly |
| (2) Seat Assembly | (11) Differential Clamping Rod |
| (3) Main Shift Knob | (12) Spring |
| (4) Knob (Range Lever) | (13) Rear Light |
| (5) Knob (Position Control Lever) | (14) Work Light |
| (6) Knob (External Hydraulic Lever) | (15) Stepladder Assembly |
| (7) Knob (Front Wheel Lever) | (16) Bolt |
| (8) Transmission Shift Lever Guide | (17) Bolt |
| (9) Hydraulic Lever Guide | |