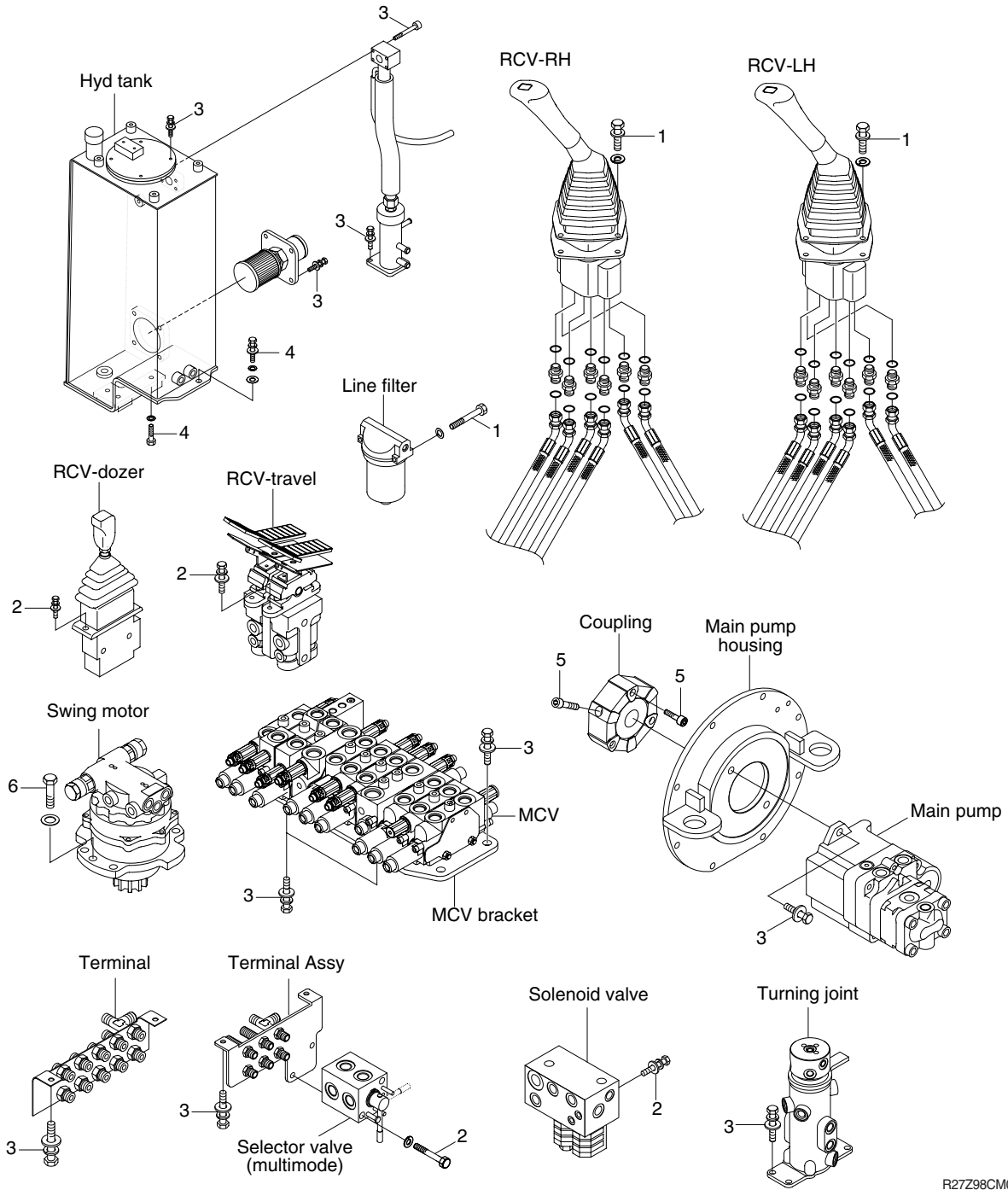


GROUP 4 HYDRAULIC SYSTEM

1. HYDRAULIC COMPONENTS MOUNTING 1



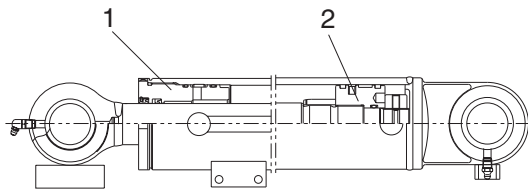
R27Z98CM05

· Tightening torque

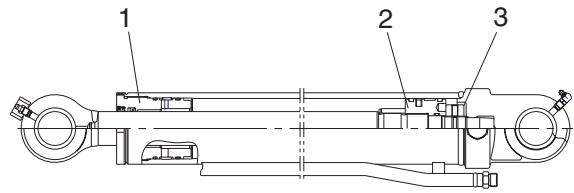
Item	Size	kgf · m	lbf · ft
1	M 6×1.0	1.05±0.2	7.6±1.45
2	M 8×1.25	2.5±0.5	18.1±3.6
3	M10×1.5	6.9±1.4	49.9±10.1

Item	Size	kgf · m	lbf · ft
4	M12×1.75	12.8±3.0	93±22.0
5	M12×1.75	9.25±0.25	69±14.0
6	M14×2.0	12.0±1.0	88.0±7.2

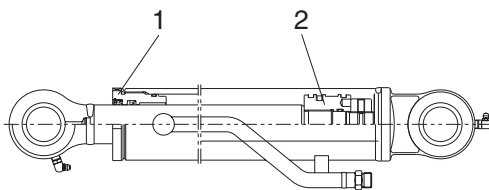
2. HYDRAULIC COMPONENTS MOUNTING 2



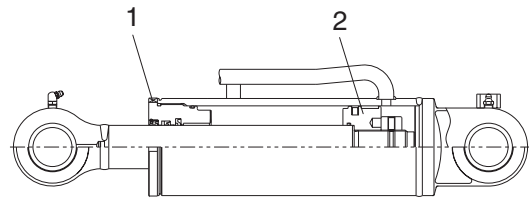
Boom cylinder



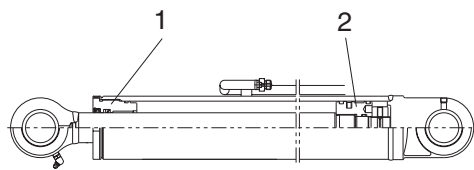
Arm cylinder



Bucket cylinder



Dozer cylinder



Boom swing cylinder

R27Z98CM07

• Tightening torque

1) Gland

Item	Size	kgf · m	lbf · ft
Boom cylinder	M80 × 2	70 ± 7.0	506 ± 50.6
Arm cylinder	M70 × 2	50 ± 5.0	362 ± 36.2
Bucket cylinder	M65 × 2	50 ± 5.0	362 ± 36.2
Dozer cylinder	M90 × 2	70 ± 7.0	506 ± 50.6
Boom swing cylinder	M80 × 2	70 ± 7.0	506 ± 50.6

2) Piston

Item	Size	kgf · m	lbf · ft
Boom cylinder	M30 × 2	75 ± 7.5	542 ± 54.2
Arm cylinder	M27 × 2	50 ± 5.0	362 ± 36.2
Bucket cylinder	M27 × 2	50 ± 5.0	362 ± 36.2
Dozer cylinder	M36 × 2	75 ± 7.5	542 ± 54.2
Boom swing cylinder	M32 × 2	75 ± 7.5	542 ± 54.2