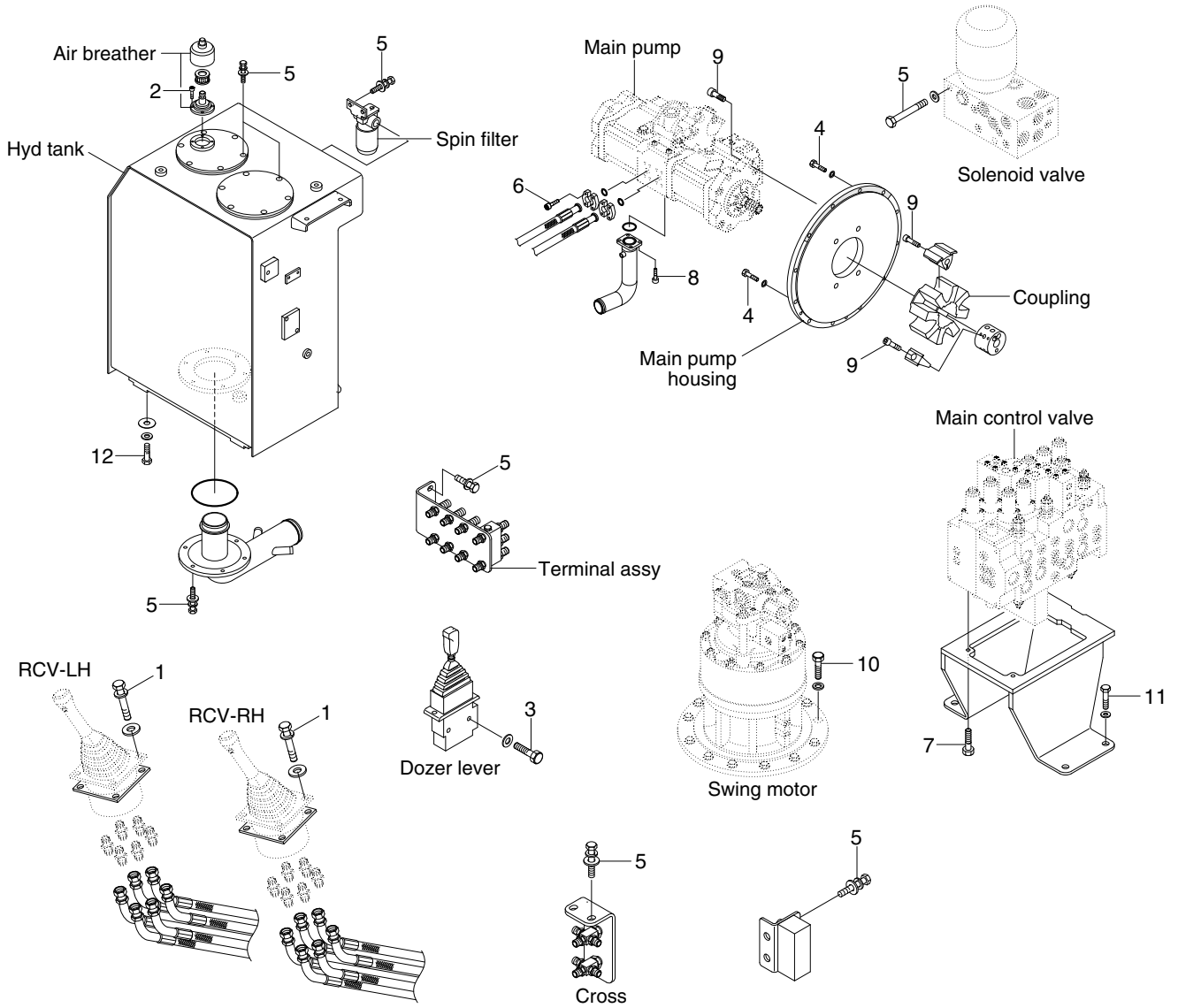


GROUP 4 HYDRAULIC SYSTEM

1. HYDRAULIC COMPONENTS MOUNTING 1



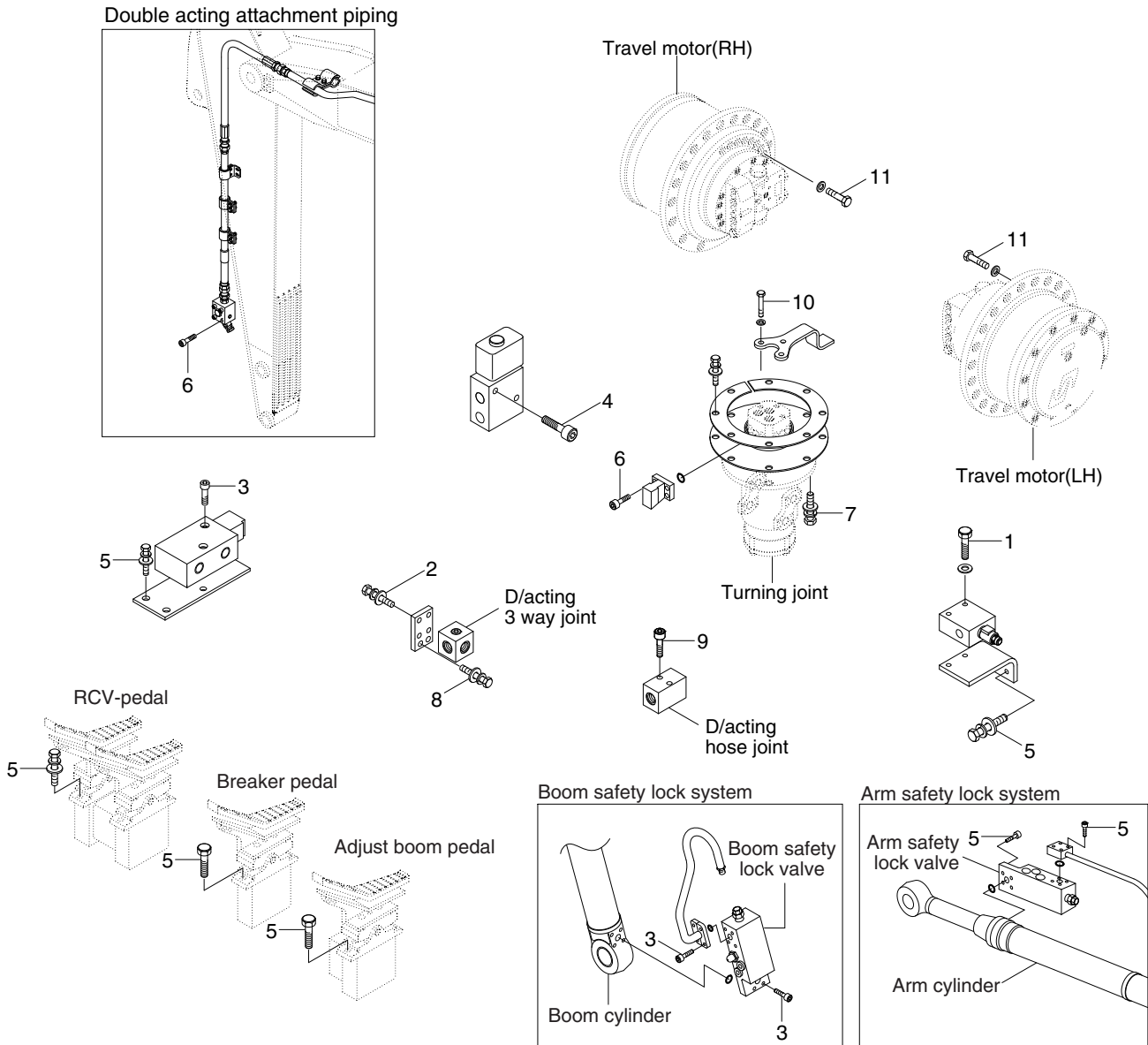
RB1409S9CM05

· Tightening torque

Item	Size	kgf · m	lbf · ft
1	M 6×1.0	1.05±0.2	7.6±1.45
2	M 6×1.0	1.44±0.3	10.4±2.2
3	M 8×1.25	2.5±0.5	18.1±3.6
4	M10×1.5	6.0±0.3	43.4±2.2
5	M10×1.5	6.9±1.4	49.9±10.1
6	M10×1.5	8.27±1.7	59.8±12.3

Item	Size	kgf · m	lbf · ft
7	M12×1.75	12.2±1.3	88.2±9.4
8	M12×1.75	14.7±2.2	106±15.9
9	M16×2.0	22±1.0	159±7.2
10	M16×2.0	29.6±3.2	214±23.1
11	M16×2.0	29.7±4.5	215±32.5
12	M20×2.5	46±5.1	333±36.9

2. HYDRAULIC COMPONENTS MOUNTING 2



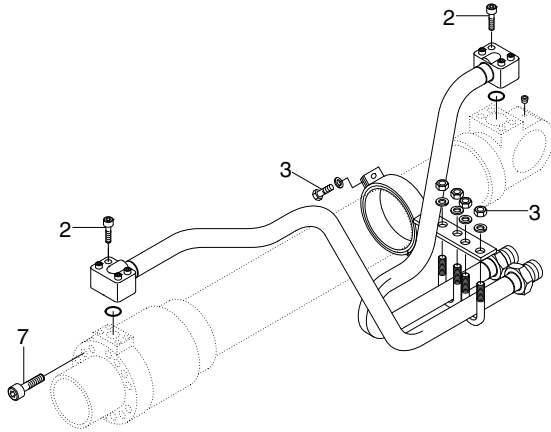
RB1409S9CM06

· Tightening torque

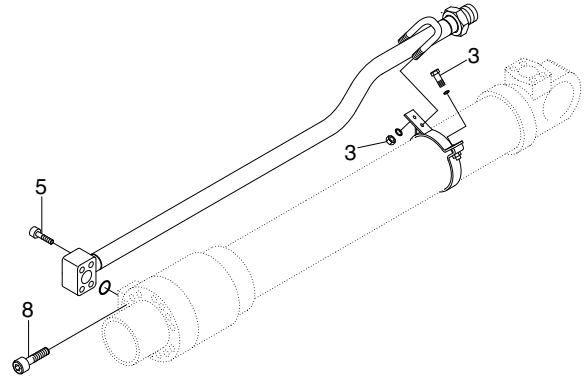
Item	Size	kgf · m	lbf · ft
1	M 6×1.0	1.05±0.2	7.6±1.45
2	M 8×1.25	2.5±0.5	18.1±3.6
3	M 8×1.25	3.43±0.7	24.8±5.1
4	M 8×1.25	4.05±0.8	29.3±5.8
5	M10×1.5	6.9±1.4	49.9±10.1
6	M10×1.5	8.27±1.7	59.8±12.3

Item	Size	kgf · m	lbf · ft
7	M12×1.75	12.3±1.3	88.9±9.4
8	M12×1.75	12.8±3.0	92.6±21.7
9	M12×1.75	14.7±2.2	106±15.9
10	M14×2.0	19.6±2.9	142±21.0
11	M16×2.0	25.7±4.0	186±28.9
-	-	-	-

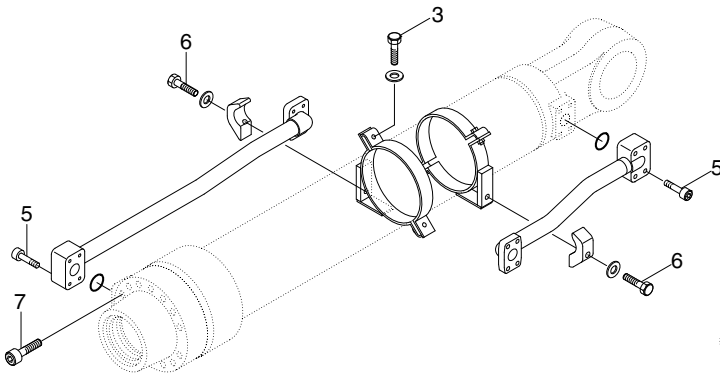
3. HYDRAULIC COMPONENTS MOUNTING 3



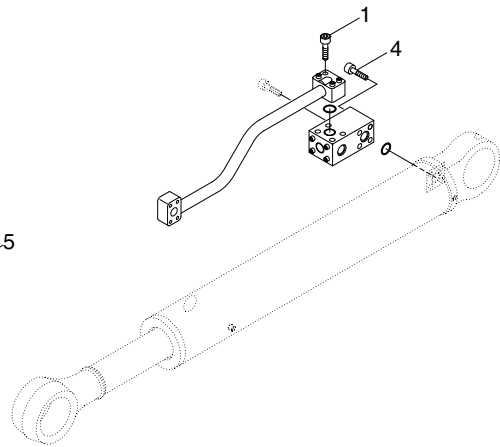
BOOM CYLINDER



ARM CYLINDER



BUCKET CYLINDER



DOZER BLADE CYLINDER

RB1409S9CM07

• Tightening torque

Item	Size	kgf · m	lbf · ft
1	M 8×1.25	2.7±0.3	19.5±2.2
2	M 8×1.25	3.43±0.7	24.8±5.1
3	M10×1.5	3.2±0.3	23.1±2.2
4	M10×1.5	5.4±0.5	39.1±3.6

Item	Size	kgf · m	lbf · ft
5	M10×1.5	6.9±1.4	49.9±10.1
6	M12×1.75	9.3±1.9	67.3±13.7
7	M14×2.0	19.1±3.9	142±28.2
8	M16×2.0	35.6±7.1	257±51