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When ordering spare parts:

- Include the part number, description and desired quantities.
- Include your complete address.
- Specify how the parts are to be delivered.



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## Esteemed OilQuick user

We congratulate you on the purchase of your new OilQuick quick coupler!

OilQuick attachment brackets are tool adapters engineered specific to your attachment with a factory-made bolt pattern. Before mounting and putting the adapter plate into use, read these instructions and the implement manufacturer's instructions carefully.

It is important that all safety requirements are observed during installation, use and repair of OilQuick products. This applies to the safety regulations in this manual, the safety regulations in the excavator manual, and any local safety regulations that apply for the area in which the machine is used.

Changes may only be made to OilQuick products with the permission of OilQuick Americas.

Fill in and send your warranty card to us as soon as possible.  
We hope that you enjoy and benefit from using OilQuick equipment.

## Important information

Text in boxes as below must be read with extra care because it is important information about certain procedures. If the information is not followed, accidents or injury/damage to persons or property may occur.

Text in boxes as below must be read with extra care because it is important information about important matters.



We retain the right to make technical changes and revisions for any errors.

## Preface

This installation instructions generally apply to all sizes of adapter plates.

Certain parts of the manual can refer to equipment and details that are options and not installed in your system. We request that you ignore these sections if that is the case. A safety conscious user that follows all safety instructions and care for the equipment, minimizes the risk of any injuries and accidents.



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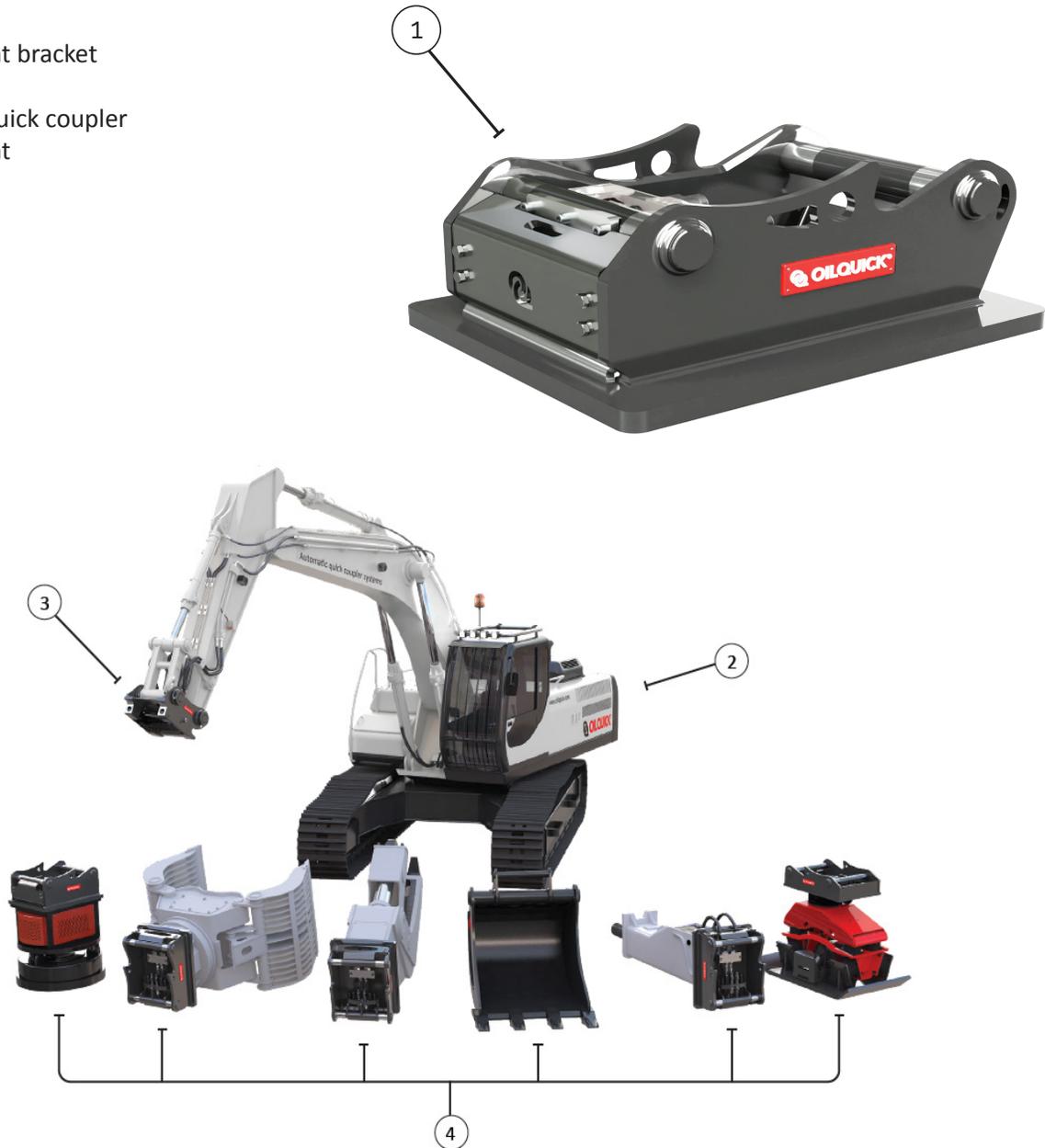
# 1. Description

## 1.1 Overview

OilQuick attachment brackets enable you to attach hydraulic or mechanical work tools to the OilQuick quick coupler system installed on the basic machine.

**Key to figure:**

1. Attachment bracket
2. Excavator
3. OilQuick quick coupler
4. Attachment



The attachment bracket is fitted with a ramp allowing you to connect couplings for the tool's hydraulic system. The number and configuration of the couplings depend on the work tool and the basic machine's equipment. You therefore have to order couplings and manifolds separately. Various designs of manifolds are available for different tool requirements. Your nearest OilQuick dealer will be happy to help you select manifolds and other equipment.

When you order an attachment bracket, enclose a hole pattern for the required tool.

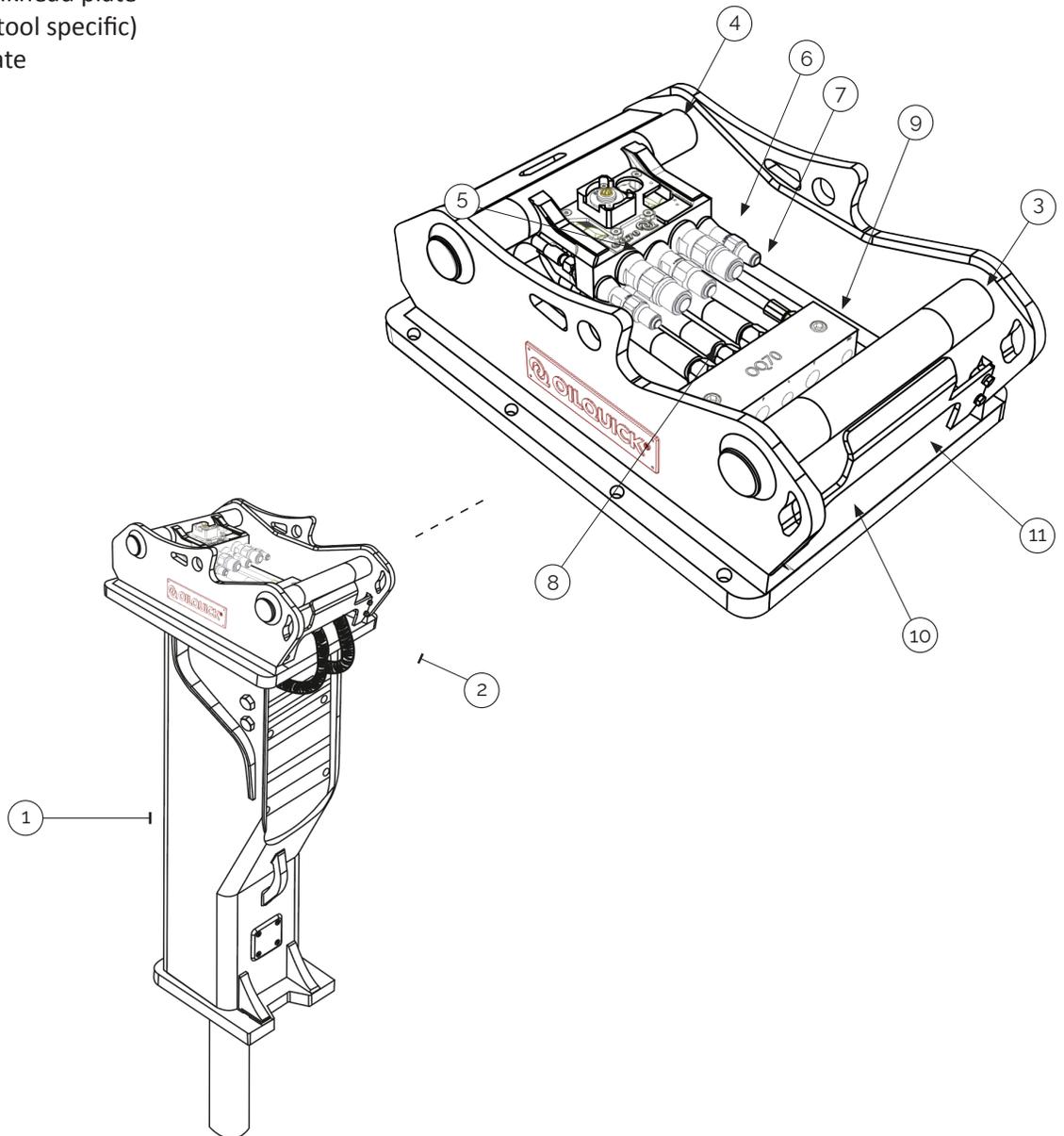
You can obtain a hole pattern from the tool supplier or take measurements from an existing tool.

# 1. Description - *continued*

## 1.2 Overview attachment bracket

Key to figure:

1. Work tool attachment
2. Attachment bracket (Frame)
3. Front pin
4. Rear pin
5. Coupling ramp
6. Bulkhead fitting
7. Quick couplings (male)
8. Hydraulic pipes
9. Manifold or bulkhead plate
10. Bolt pattern (tool specific)
11. Protection plate



## 2. Bolting the attachment bracket to the attachment

The OilQuick attachment bracket is supplied with an installation hardware kit for mounting the bracket to the attachment.

A bolted joint's function and safety depend on its size and the way it is fastened. When bolting on the plate, you must take the following into account:

- The nuts and bolts must be clean and have the correct thread treatment per SPEC-0004.
- There must not be any dirt, layers of paint etc. on the surfaces between the tool and adapter plate.
- The bolts must be torqued appropriately per SPEC-0004 charts below.

Metric Fasteners							
Fastener Property Class		10.9	12.9	10.9	12.9	10.9	12.9
Thread Treatment		Dry		Loctite 242, 271, or Nord-Lock W/ Anti-Seize		Anti-Seize	
K-Factor		0.2	0.2	0.23	0.23	0.15	0.15
Basic Major Dia. (mm)	Thread Pitch (mm/thread)	Torque (Ft*Lbf)		Torque (Ft*Lbf)		Torque (Ft*Lbf)	
10	1.5	53	62	61	72	40	47
12	1.75	93	109	107	125	70	81
14	2	148	173	170	199	111	130
16	2	231	270	265	310	173	202
18	2.5	319	373	367	429	239	280
20	2.5	450	526	517	605	337	394
22	2.5	612	715	704	823	459	537
24	3	778	909	895	1,046	583	682
27	3	1,138	1,330	1,309	1,530	854	998
30	3.5	1,546	1,806	1,777	2,077	1,159	1,355
36	4	2,701	3,157	3,106	3,630	2,026	2,367



## 2. Bolting the attachment bracket to the attachment - *continued*

English Fasteners				
Fastener Grade		Grade 8	Grade 8	Grade 8
Thread Treatment		Dry	Loctite 242, 271, or Nord-Lock W/ Anti-Seize	Anti-Seize
K-Factor		0.2	0.23	0.15
Basic Major Dia. (in)	Thread Pitch (threads/in)	Torque (Ft*Lbf)	Torque (Ft*Lbf)	Torque (Ft*Lbf)
1/4	20	12	14	9
5/16	18	25	28	18
3/8	16	44	50	33
7/16	14	70	80	52
1/2	13	107	122	80
9/16	12	154	177	115
5/8	11	212	244	159
3/4	10	376	432	282
7/8	9	606	697	455
1	8	909	1,045	682
1 1/4	7	1,817	2,089	1,363
1 1/2	6	3,161	3,635	2,371
1 1/2	12 (fine)	3,557	4,091	2,668



ALL FASTENERS USING A **STANDARD FLAT WASHER** ARE TO BE INSTALLED WITH LOCTITE 242 AND TORQUED PER EXODUS GLOBAL FASTENER TORQUE CHART UNLESS OTHERWISE NOTED ON ASSEMBLY DRAWINGS.

ALL FASTENERS USING **NORD-LOCK WASHERS** ARE TO BE INSTALLED WITH ANTI-SEIZE AND TORQUED PER EXODUS GLOBAL FASTENER TORQUE CHART UNLESS OTHERWISE NOTED ON ASSEMBLY DRAWINGS.

### **LOCTITE APPLICATION PROCEDURE:**

FOR THRU HOLES: APPLY SEVERAL DROPS OF LOCTITE ONTO THE BOLT AT THE NUT ENGAGEMENT AREA.

FOR BLIND HOLES: APPLY SEVERAL DROPS OF LOCTITE DOWN THE INTERNAL THREADS TO THE BOTTOM OF THE HOLE.

### **ANTI-SEIZE APPLICATION PROCEDURE:**

APPLY ANTI-SEIZE TO BOTH THE THREADS OF THE BOLT AND THE BOTTOM OF THE BOLT HEAD.

**ALL HYDRAULIC FITTINGS INCLUDING FLANGE BOLTS TORQUED PER SPEC-0005 EXODUS GLOBAL HYDRAULIC FITTING TORQUE CHART.**

### 3. Plumbing the attachment bracket and attachment

When plumbing the attachment bracket, the following steps must be taken.

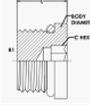
1. Reference the attachment manufactures manual to determine each hydraulic connections function.
2. Produce and install hoses that do not rub or contact any sharp edges.
3. Lubricate all o-rings before installing.
4. The fittings and hose ends must be torqued appropriately per SPEC-0005 charts.

4-BOLT FLANGE CODE 61 (SAE J518 / ISO 6162)				
FLANGE SIZE	DASH SIZE	BOLT SIZE MINIMUM CLASS 10.9	INITIAL TORQUE FT-LBS	FINAL TORQUE FT-LBS
1/2	-8	M8	12	18
3/4	-12	M10	30	37
1	-16	M10	30	37
1 1/4	-20	M10	30	37
1 1/2	-24	M12	54	68
2	-32	M12	54	68

4-BOLT FLANGE CODE 62 (SAE J518 / ISO 6162)				
FLANGE SIZE	DASH SIZE	BOLT SIZE MINIMUM CLASS 10.9	INITIAL TORQUE FT-LBS	FINAL TORQUE FT-LBS
1/2	-8	M8	12	18
3/4	-12	M10	30	37
1	-16	M12	54	68
1 1/4	-20	M12	54	68
1 1/4	-20	M14	85	100
1 1/2	-24	M16	125	155
2	-32	M20	220	295

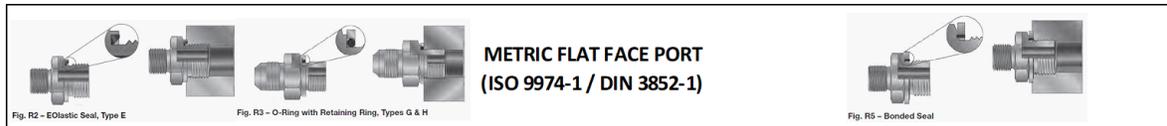
4 BOLT FLANGE INSTALLATION METHOD	
TORQUE BOLTS IN A DIAGONAL PATTERN, FOLLOWING THE TIGHTENING SEQUENCE	
	
TIGHTENING SEQUENCE	
TIGHTEN BOLT 1 TO INITIAL TORQUE SPEC	
TIGHTEN BOLT 2 TO INITIAL TORQUE SPEC	
TIGHTEN BOLT 3 TO INITIAL TORQUE SPEC	
TIGHTEN BOLT 4 TO INITIAL TORQUE SPEC	
TIGHTEN BOLT 1 TO FINAL TORQUE SPEC	
TIGHTEN BOLT 2 TO FINAL TORQUE SPEC	
TIGHTEN BOLT 3 TO FINAL TORQUE SPEC	
TIGHTEN BOLT 4 TO FINAL TORQUE SPEC	

### 3. Plumbing the attachment bracket and attachment - *continued*

O-RING BOSS PORT (SAE J1926)												
												
STEEL FITTINGS INSTALLED IN STEEL MANIFOLDS												
DASH SIZE	NOMINAL SIZE	THREAD PITCH	NON-ADJUSTABLE		ADJUSTABLE		ALLEN PLUG		ZLG PLUG			
			FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm		
-2	1/8	5/16-24	7	10	7	10	3	4	7	9		
-4	1/4	7/16-20	26	35	15	20	10	14	15	21		
-6	3/8	9/16-18	34	46	34	46	34	46	24	32		
-8	1/2	3/4-16	59	80	59	80	59	80	41	56		
-10	5/8	7/8-14	100	135	100	135	100	135	70	95		
-12	3/4	1 1/16-12	136	185	136	185	136	185	96	130		
-16	1	1 5/16-12	199	270	199	270	199	270	139	189		
-20	1 1/4	1 5/8-12	251	340	251	340	251	340	176	238		
-24	1 1/2	1 7/8-12	306	415	306	415	306	415	214	291		
-32	2	2 1/2-12	376	510	376	510	376	510	263	357		
STEEL FITTINGS INSTALLED IN ALUMINUM MANIFOLDS												
DASH SIZE	NOMINAL SIZE	THREAD PITCH	NON-ADJUSTABLE		ADJUSTABLE		ALLEN PLUG		ZLG PLUG			
			FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm		
-2	1/8	5/16-24	5	7	5	7	2	2	5	6		
-4	1/4	7/16-20	18	25	10	14	7	9	11	15		
-6	3/8	9/16-18	24	32	24	32	24	32	17	23		
-8	1/2	3/4-16	41	56	41	56	41	56	29	39		
-10	5/8	7/8-14	70	95	70	95	70	95	49	66		
-12	3/4	1 1/16-12	96	130	96	130	96	130	67	91		
-16	1	1 5/16-12	139	189	139	189	139	189	98	132		
-20	1 1/4	1 5/8-12	176	238	176	238	176	238	123	167		
-24	1 1/2	1 7/8-12	214	291	214	291	214	291	150	203		
-32	2	2 1/2-12	263	357	263	357	263	357	184	250		

BSPP FLAT FACE PORT (ISO 1179 / DIN 3852-2)											
											
<small>Fig. R2 - E-Olastic Seal, Type E</small>			<small>Fig. R3 - O-ring with Retaining Ring, Types G &amp; H</small>					<small>Fig. R5 - Bonded Seal</small>			
STEEL FITTINGS INSTALLED IN STEEL MANIFOLDS											
DASH SIZE	NOMINAL SIZE	THREAD PITCH	RETAINING RING & O-RING / ED SEAL STRAIGHT		RETAINING RING / O-RING ADJUSTABLE		RETAINING RING & O-RING / ED SEAL PLUG		BONDED SEAL		
			FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	
-2	1/8	1/8-28	13	18	18	25	10	13	7	9	
-4	1/4	1/4-19	26	35	41	55	22	30	26	35	
-6	3/8	3/8-19	52	70	66	90	44	60	33	45	
-8	1/2	1/2-14	66	90	81	110	59	80	48	65	
-12	3/4	3/4-14	133	180	85	115	103	140	66	90	
-16	1	1-11	229	310	310	420	148	200	111	150	
-20	1 1/4	1 1/4-11	332	450	406	550	295	400	177	240	
-24	1 1/2	1 1/2-11	398	540	443	600	332	450	214	290	
STEEL FITTINGS INSTALLED IN ALUMINUM MANIFOLDS											
DASH SIZE	NOMINAL SIZE	THREAD PITCH	RETAINING RING & O-RING / ED SEAL STRAIGHT		RETAINING RING / O-RING ADJUSTABLE		RETAINING RING & O-RING / ED SEAL PLUG		BONDED SEAL		
			FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	
-2	1/8	1/8-28	9	13	13	18	7	9	5	6	
-4	1/4	1/4-19	18	25	28	39	15	21	18	25	
-6	3/8	3/8-19	36	49	46	63	31	42	23	32	
-8	1/2	1/2-14	46	63	57	77	41	56	34	46	
-12	3/4	3/4-14	93	126	59	81	72	98	46	63	
-16	1	1-11	160	217	217	294	103	140	77	105	
-20	1 1/4	1 1/4-11	232	315	284	385	207	280	124	168	
-24	1 1/2	1 1/2-11	279	378	310	420	232	315	150	203	

### 3. Plumbing the attachment bracket and attachment - *continued*



STEEL FITTINGS INSTALLED IN STEEL MANIFOLDS											
DASH SIZE	NOMINAL SIZE	THREAD PITCH	RETAINING RING & O-RING STRAIGHT		RETAINING RING / O-RING ADJUSTABLE		ED SEAL STRAIGHT OR PLUG		BONDED SEAL		
			FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	
M10	10MM	M10X1	22	30	26	35	26	35	15	20	
M12	12MM	M12X1.5	26	35	33	45	26	35	15	20	
M14	14MM	M12X1.5	44	60	44	60	33	45	26	35	
M16	16MM	M14X1.5	70	95	59	80	41	55	33	45	
M18	18MM	M16X1.5	89	120	74	100	52	70	41	55	
M20	20MM	M20X1.5	111	150	103	140	59	80	41	55	
M22	22MM	M22X1.5	140	190	111	150	74	100	48	65	
M27	27MM	M27X2.0	140	190	148	200	125	170	66	90	
M33	33MM	M33X2.0	369	500	280	380	229	310	111	150	
M42	42MM	M42X2.0	443	600	369	500	243	330	177	240	
M48	48MM	M48X2.0	443	600	443	600	310	420	214	290	

STEEL FITTINGS INSTALLED IN ALUMINUM MANIFOLDS											
DASH SIZE	NOMINAL SIZE	THREAD PITCH	RETAINING RING & O-RING STRAIGHT		RETAINING RING / O-RING ADJUSTABLE		ED SEAL STRAIGHT OR PLUG		BONDED SEAL		
			FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	FT-LBS	Nm	
M10	10MM	M10X1	15	21	18	25	18	25	10	14	
M12	12MM	M12X1.5	18	25	23	32	18	25	10	14	
M14	14MM	M12X1.5	31	42	31	42	23	32	18	25	
M16	16MM	M14X1.5	49	67	41	56	28	39	23	32	
M18	18MM	M16X1.5	62	84	52	70	36	49	28	39	
M20	20MM	M20X1.5	77	105	72	98	41	56	28	39	
M22	22MM	M22X1.5	98	133	77	105	52	70	34	46	
M27	27MM	M27X2.0	98	133	103	140	88	119	46	63	
M33	33MM	M33X2.0	258	350	196	266	160	217	77	105	
M42	42MM	M42X2.0	310	420	258	350	170	231	124	168	
M48	48MM	M48X2.0	310	420	310	420	217	294	150	203	

**METRIC O-RING BOSS PORT**  
(ISO 6149 / DIN 3852-3)

STEEL FITTINGS INSTALLED IN STEEL MANIFOLDS

DASH SIZE	NOMINAL SIZE	THREAD PITCH	STRAIGHT AND ADJUSTABLE		ALLEN PLUG	
			FT-LBS	Nm	FT-LBS	Nm
M8	8MM	M8X1	7	10	6	8
M10	10MM	M10X1	15	20	11	15
M12	12MM	M12X1.5	26	35	18	25
M14	14MM	M12X1.5	33	45	26	35
M16	16MM	M14X1.5	41	55	30	40
M18	18MM	M16X1.5	52	70	33	45
M20	20MM	M20X1.5	59	80	37	50
M22	22MM	M22X1.5	74	100	44	60
M27	27MM	M27X2.0	125	170	74	100
M30	30MM	M30X2.0	173	235	96	130
M33	33MM	M33X2.0	229	310	118	160
M38	38MM	M38X2.0	236	320	136	185
M42	42MM	M42X2.0	243	330	155	210
M48	48MM	M48X2.0	310	420	192	260
M60	60MM	M60X2.0	369	500	232	315

**METRIC O-RING BOSS PORT**  
(ISO 6149 / DIN 3852-3)

STEEL FITTINGS INSTALLED IN ALUMINUM MANIFOLDS

DASH SIZE	NOMINAL SIZE	THREAD PITCH	STRAIGHT AND ADJUSTABLE		ALLEN PLUG	
			FT-LBS	Nm	FT-LBS	Nm
M8	8MM	M8X1	5	7	4	6
M10	10MM	M10X1	10	14	8	11
M12	12MM	M12X1.5	18	25	13	18
M14	14MM	M12X1.5	23	32	18	25
M16	16MM	M14X1.5	28	39	21	28
M18	18MM	M16X1.5	36	49	23	32
M20	20MM	M20X1.5	41	56	26	35
M22	22MM	M22X1.5	52	70	31	42
M27	27MM	M27X2.0	88	119	52	70
M30	30MM	M30X2.0	121	165	67	91
M33	33MM	M33X2.0	160	217	83	112
M38	38MM	M38X2.0	165	224	96	130
M42	42MM	M42X2.0	170	231	108	147
M48	48MM	M48X2.0	217	294	134	182
M60	60MM	M60X2.0	258	350	163	221

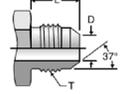
### 3. Plumbing the attachment bracket and attachment - *continued*



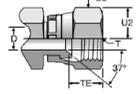
**O-RING FACE SEAL**  
(SAE J1453 / ISO 8434-3)

**SWIVEL NUT TORQUE VALUE / HOSE AND TUBE ENDS**

DASH SIZE	NOMINAL SIZE	THREAD PITCH	FT-LBS	Nm
-4	1/4	9/16-18	18	25
-6	3/8	11/16-16	30	40
-8	1/2	13/16-16	41	55
-10	5/8	1-14	59	80
-12	3/4	1 3/16-12	85	115
-16	1	1 7/16-12	111	150
-20	1 1/4	1 11/16-12	151	205
-24	1 1/2	2-12	232	315
-32	2	2 1/2-12	376	510



**JIC 37°**  
(SAE J514 / ISO 8434-2)



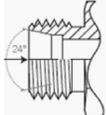
**SWIVEL NUT TORQUE VALUE / HOSE AND TUBE ENDS**  
"FLATS FROM WRENCH RESISTANCE (FFWR)"

DASH SIZE	NOMINAL SIZE	THREAD PITCH	FT-LBS	Nm	FFWR	
					TUBE	SWIVEL
-2	1/8	5/16-24	2	3	-	-
-4	1/4	7/16-20	11	15	2 1/2	2
-6	3/8	9/16-18	20	27	2 1/2	2
-8	1/2	3/4-16	43	58	2 1/2	2
-10	5/8	7/8-14	55	75	1 1/2	1 1/2
-12	3/4	1 1/16-12	80	108	1 1/2	1 1/2
-16	1	1 5/16-12	115	156	1	1
-20	1 1/4	1 5/8-12	160	217	1	1
-24	1 1/2	1 7/8-12	185	251	1	1
-32	2	2 1/2-12	250	339	1	1
-40	2 1/2	3-12	-	-	1	1

FFWR METHOD IS PREFERRED OVER TORQUE  
MARK MATING FITTING AT POINT AND COUNT THE NUMBER OF WRENCH FLATS THAT CROSS THE MARK



**METRIC 24° INVERTED CONE SWIVEL**  
(DIN 2353 / ISO 8434-1)



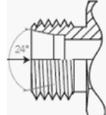
**SWIVEL NUT TORQUE VALUE / HOSE AND TUBE ENDS**

"L" LIGHT SERIES

DASH SIZE	NOMINAL SIZE	THREAD PITCH	FT-LBS	Nm
L06	6MM	M12X1.0	12	16
L08	8MM	M14X1.5	12	16
L10	10MM	M16X1.5	19	26
L12	12MM	M18X1.5	27	37
L15	15MM	M22X1.5	35	47
L18	18MM	M26X1.5	66	89
L22	22MM	M30X2.0	86	116
L28	28MM	M36X2.0	101	137
L35	35MM	M45X2.0	167	226
L42	42MM	M52X2.0	256	347



**METRIC 24° INVERTED CONE SWIVEL**  
(DIN 2353 / ISO 8434-1)



**SWIVEL NUT TORQUE VALUE / HOSE AND TUBE ENDS**

"S" HEAVY SERIES

DASH SIZE	NOMINAL SIZE	THREAD PITCH	FT-LBS	Nm
S06	6MM	M14X1.5	19	26
S08	8MM	M16X1.5	31	42
S10	10MM	M18X1.5	39	53
S12	12MM	M20X1.5	46	63
S14	14MM	M22X1.5	58	79
S16	16MM	M24X1.5	62	84
S20	20MM	M30X2.0	93	126
S25	25MM	M36X2.0	132	179
S30	30MM	M42X2.0	194	263
S38	35MM	M52X2.0	271	368



**BSPP 60° INVERTED CONE SWIVEL**  
(BS 5200 / ISO 8434-6)

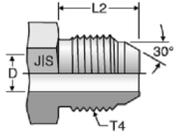
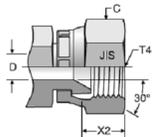


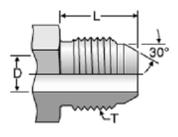
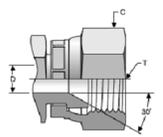
**JIS 60° INVERTED CONE SWIVEL**  
(JIS B 8363 / ISO 8434-6)

**SWIVEL NUT TORQUE VALUE / HOSE AND TUBE ENDS**  
\*\*\*BSPP / JIS 60° FITTINGS ARE NOT INTERCHANGEABLE\*\*\*

DASH SIZE	NOMINAL SIZE	THREAD PITCH	FT-LBS	Nm
-2	1/8	1/8-28	7	10
-4	1/4	1/4-19	15	20
-6	3/8	3/8-19	26	35
-8	1/2	1/2-14	44	60
-10	5/8	3/4-14	52	70
-12	3/4	1-11	85	115
-16	1	1 1/4-11	103	140
-20	1 1/4	1 1/2-11	155	210
-24	1 1/2	1 1/2-11	214	290
-32	2	2-11	295	400

### 3. Plumbing the attachment bracket and attachment - *continued*

		<b>JIS 30° (JIS B 0202)</b>				
<b>SWIVEL NUT TORQUE VALUE / HOSE AND TUBE ENDS "FLATS FROM WRENCH RESISTANCE (FFWR)"</b>						
<b>DASH SIZE</b>	<b>NOMINAL SIZE</b>	<b>THREAD PITCH</b>	<b>FT-LBS</b>	<b>Nm</b>	<b>FFWR</b>	
					<b>TUBE</b>	<b>SWIVEL</b>
-2	1/8	1/8-28	7	10	-	-
-4	1/4	1/4-19	15	20	2 1/2	2
-6	3/8	3/8-19	26	35	2 1/2	2
-8	1/2	1/2-14	44	60	2 1/2	2
-10	5/8	3/4-14	52	70	1 1/2	1 1/2
-12	3/4	1-11	85	115	1 1/2	1 1/2
-16	1	1 1/4-11	103	140	1	1
-20	1 1/4	1 1/2-11	155	210	1	1
-24	1 1/2	1 1/2-11	214	290	1	1
-32	2	2-11	295	400	1	1
FFWR METHOD IS PREFERRED OVER TORQUE MARK MATING FITTING AT POINT AND COUNT THE NUMBER OF WRENCH FLATS THAT CROSS THE MARK						

		<b>KOMATSU 30°</b>				
<b>SWIVEL NUT TORQUE VALUE / HOSE AND TUBE ENDS "FLATS FROM WRENCH RESISTANCE (FFWR)"</b>						
<b>DASH SIZE</b>	<b>NOMINAL SIZE</b>	<b>THREAD PITCH</b>	<b>FT-LBS</b>	<b>Nm</b>	<b>FFWR</b>	
					<b>TUBE</b>	<b>SWIVEL</b>
-4	1/4	M14X1.5	12	16	-	-
-6	3/8	M18X1.5	27	37	2 1/2	2
-8	1/2	M22X1.5	35	47	2 1/2	2
-10	5/8	M24X1.5	59	80	2 1/2	2
-12	3/4	M30X1.5	86	116	1 1/2	1 1/2
-16	1	M33X1.5	103	140	1 1/2	1 1/2
-20	1 1/4	M36X1.5	155	210	1	1
-24	1 1/2	M42X1.5	214	290	1	1
FFWR METHOD IS PREFERRED OVER TORQUE MARK MATING FITTING AT POINT AND COUNT THE NUMBER OF WRENCH FLATS THAT CROSS THE MARK						

### 3. Plumbing the attachment bracket and attachment - *continued*



When working with hydraulic oil, protective gloves must be worn to avoid direct skin contact with the hydraulic oil. There is a risk of skin irritation and allergies. Be aware of and protect the environment. Collect all waste oil and clean up any spillage.



Cleanliness must be observed when working on hydraulic systems. There is a risk of malfunction if contaminants enter the system.



Before making any hydraulic connections, make sure the hydraulic pressure in the system has been reduced.

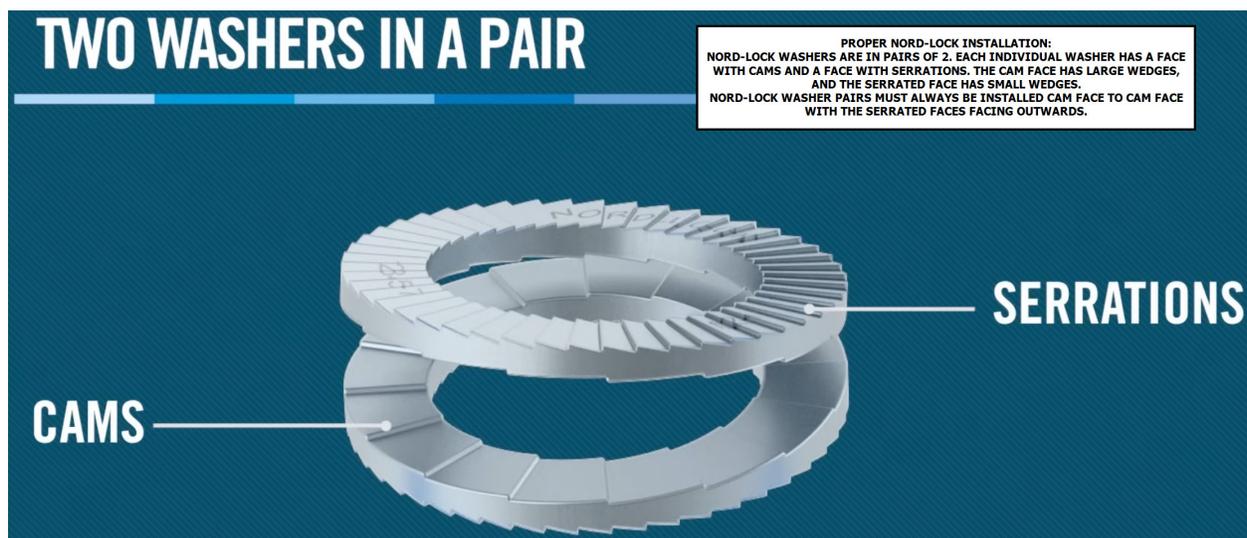
### 4. Maintenance



Any faults must be corrected immediately.  
These faults are related to workplace safety.

In order to have good function and high reliability on the OilQuick quick coupler system, regular inspection and maintenance is necessary. For a complete maintenance procedure for the entire OilQuick quick coupler system, see the maintenance-related section in the quick coupler manual.

When reassembling bolted joints (NORD-LOCK), safety washers have to be installed in pairs, cam face to cam face (see illustration).



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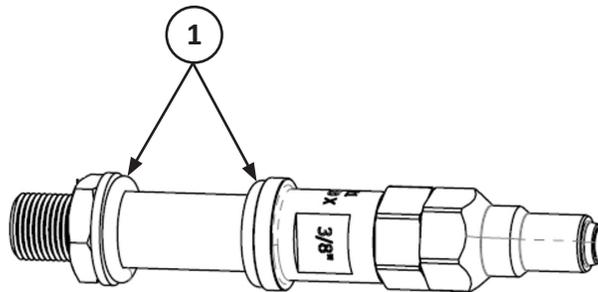
## 4. Maintenance - *continued*

### 4.1 After the first 10 working hours

- After the first 10 working hours with the tool, bolted that the bolted connection between the tool and the adapter is tight with the correct tightening torque and retighten if necessary. This is especially important on tools that vibrate.

### 4.2 Daily inspection

- If necessary, rinse off (high pressure washing is not recommended) or wipe clean of mud, snowdrifts and other items that do not belong in the adapter plate This is especially important during the winter when it can freeze together and cause damage to the quick couplings and other parts.
- Check that nothing is loose.
- Check that no leakage has occurred.
- Lubricate the implement according to the implement manufacturer's instructions.
- Check male couplings for excess movement and condition of isolating o-rings (Item 1).



### 4.3 Monthly inspection

- Check that there are no cracks in the adapter plates.

Faults detected during inspections must be corrected immediately in order not to impact on the reliability and function of the equipment. Replacement parts can be obtained from the nearest OilQuick representative which also offers servicing.

Dealer:



OilQuickAmericas  
155 Main Street  
Superior, WI 54880  
Phone: 262.607.8425  
Fax: 715.395.3703

E-mail: [info@oilquickamericas.com](mailto:info@oilquickamericas.com)  
Web: [www.oilquickamericas.com](http://www.oilquickamericas.com)