GENESIS®
The Promise of Performance.

GXT 775R HD EVO Mobile Shears

PARTS MANUAL



Genesis Attachments | 1000 Genesis Drive, Superior, WI 54880 | PH: 715-395-5252 | genesisattachments.com

An NPK Company

CONTACT INFORMATION

Genesis Attachments

1000 Genesis Drive
Superior, WI 54880 USA

Toll Free: 888-SHEAR-IT
(888-743-2748)

Phone: 715.395.5252

E-mail:
info@genesisattachments.com

Europe/Africa/Middle East
Genesis GmbH

Teramostrasse 23
87700 Memmingen, Germany

Phone: +49 83 31 9 25 98 0
Fax: +49 83 31 9 25 98 80
genesis-europe.com

E-mail:
info@genesis-europe.com

Asia Pacific Representative Office

24 Upper Serangoon View #12-28
Singapore 534205

Phone: +65 9673 9730

E-mail:
tchoo@genesisattachments.com

Central America & Colombia

Cra 13A #89-38 / Ofi 613
Bogota, Colombia

Phone: +57 1 610 8160 / 795 8747

E-mail:
contact@themsagroup.com

View and download all manuals: genesisattachments.com/manuals
Patents: genesisattachments.com/products/patents

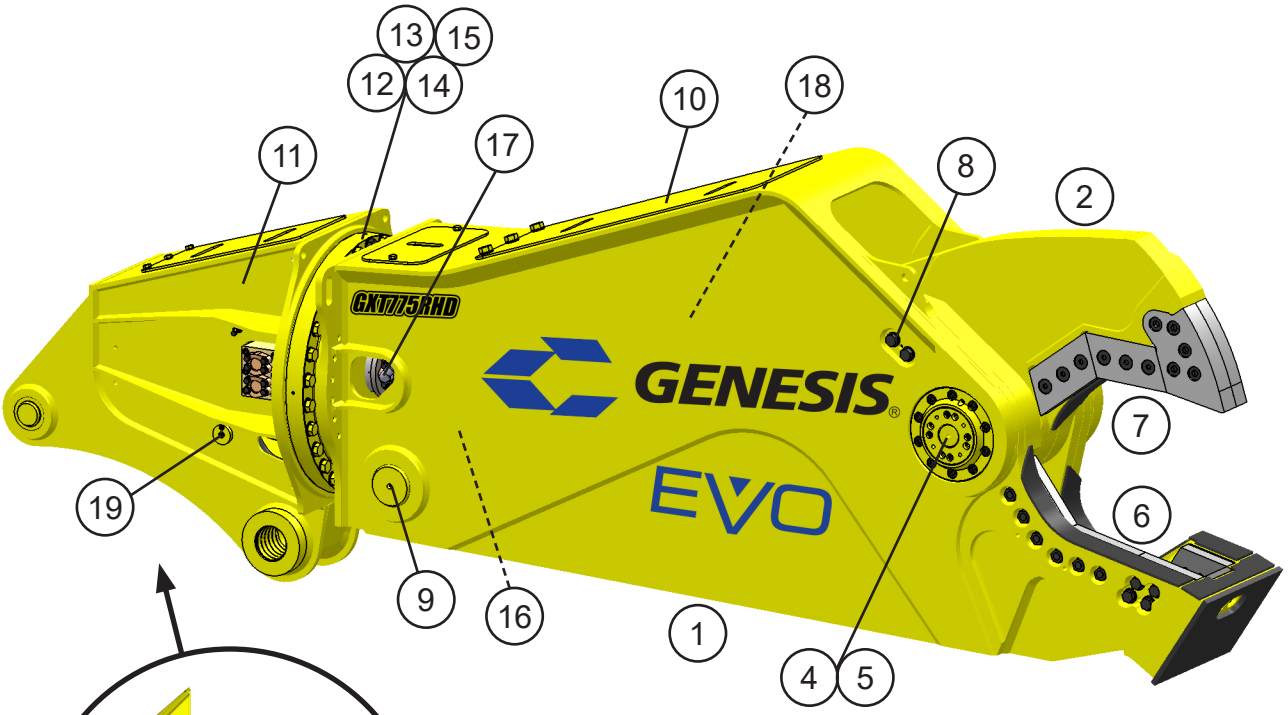
© 2026 Genesis Attachments, LLC

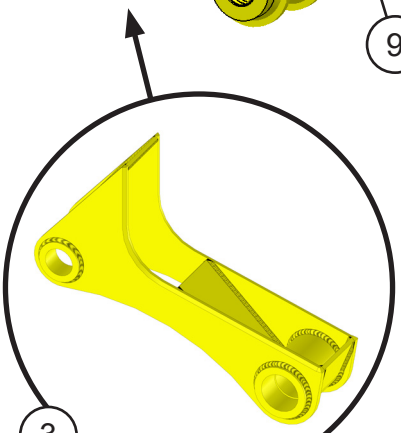
TABLE OF CONTENTS

CONTACT INFORMATION 2
GENERAL ARRANGEMENT 4
ASSEMBLY PIVOT GROUP - RIGHT SIDE 6
ASSEMBLY PIVOT GROUP - LEFT SIDE 8
ASSEMBLY LOWER BLADES 10
ASSEMBLY UPPER BLADES 12
ASSEMBLY AUTO GUIDE 14
ASSEMBLY CYLINDER PINS 16
ASSEMBLY ACCESS COVERS 18
ASSEMBLY UPPER HEAD 20
ASSEMBLY ROTATION - TWIN MOTOR 22
ASSEMBLY ROTATION - GEAR MOTOR 24
ASSEMBLY ROTATION CIRCUIT - TWIN MOTOR 26
ASSEMBLY ROTATION CIRCUIT - GEAR MOTOR 28
SUB-ASSEMBLY ROTATE CROSS-OVER / C'BAL - TWIN MOTOR 30
SUB-ASSEMBLY ROTATE CROSS-OVER / C'BAL - REMOTE 32
SUB-ASSEMBLY LINE MOUNT MANIFOLD - GEAR MOTOR - 6301202 34
SUB-ASSEMBLY LINE MOUNT MANIFOLD - TWIN MOTOR - 6302659 36
ASSEMBLY OPEN AND CLOSE CIRCUIT 38
ASSEMBLY SWIVEL MANIFOLD 40
REGEN BLOCK SUB-ASSEMBLY - 6360021 42
ASSEMBLY SLEWING RING LUBRICATION 44
BOLT TORQUE SPECIFICATIONS 46
THREAD TREATMENT DIAGRAM 47
Mobile Shears 47
PROCEDURES 48
Cleaning 48
Threadlocker 48
Anti-Seize 49
No Thread Treatment 49
BOLT TORQUE SPECIFICATIONS 50
Dry Torque Values 50
Wet Torque Values 50
O-RING BOSS & FLAT FACE O-RING TORQUE SPECIFICATIONS 51
BOLT DRIVE SPECIFICATIONS 52
WARRANTY 53
Claim Procedure 53
Blade Warranty 53
PARTS ORDER POLICY AND PROCEDURE 54
Parts Orders Should Include 54
Placing Orders 54
Part Numbers 54
Shipping 54
Invoices 54
Returns 54
Warranty Returns 54
PARTS ORDER FORM 55
INDEX 56
CONTACT INFORMATION 58

© 2026 Genesis Attachments, LLC

GENERAL ARRANGEMENT





3

Wtmg Lug Upper Head

Part Number is Serial Number specific. For replacement parts call the Genesis Parts Department.

USA	**Europe**
715-395-3488	+49 83 31 9 25 98 0



Serial Number Location

Facing the left side of shear, lower right corner.

© 2026 Genesis Attachments, LLC

GENERAL ARRANGEMENT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	*	Wtmg Stick
2	1	*	Wtmg Upper
3		*	Wtmg Lug Upper Head
4		See page 6	Assembly Pivot Group - Right Side
5		See page 8	Assembly Pivot Group - Left Side
6		See page 10	Assembly Lower Blades
7		See page 12	Assembly Upper Blades
8		See page 14	Assembly Auto Guide
9		See page 16	Assembly Cylinder Pins
10		See page 18	Assembly Access Covers
11		See page 20	Assembly Upper Head
12		See page 22 & page 24	Assembly Rotation
13		See page 26 & page page 28	Assembly Rotation Circuit
14		See page 30 & page page 32	Sub-Assembly Rotate Cross-over / C'bal
15		See page 34	Sub-Assembly Line Mount Manifold - Gear Motor - 6301202
		See page 36	Sub-Assembly Line Mount Manifold - Twin Motor - 6302659
16		See page 38	Assembly Open and Close Circuit
17		See page 40	Assembly Swivel Manifold
18		See page 42	Sub-Assembly Regen Block
19		See page 44	Assembly Slewing Ring Lubrication

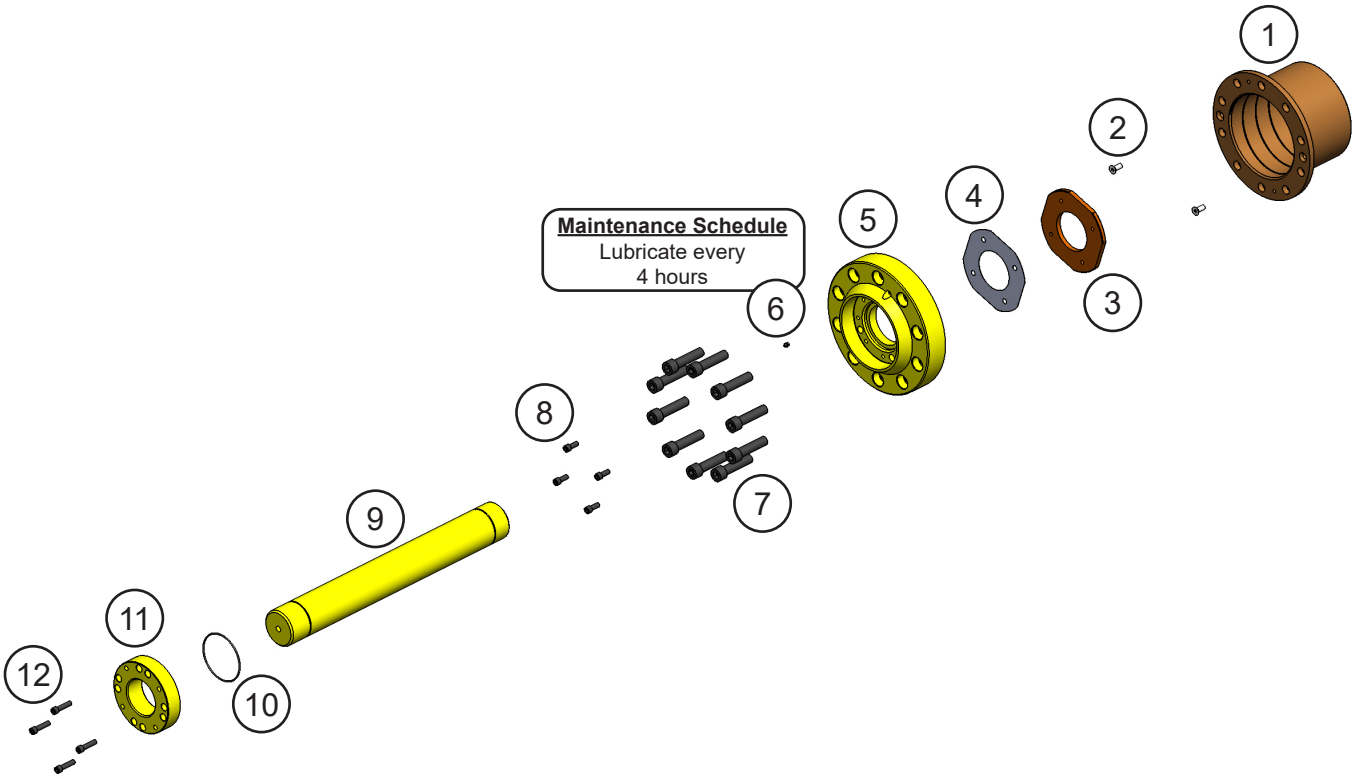
* Part numbers are Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

ASSEMBLY PIVOT GROUP - RIGHT SIDE



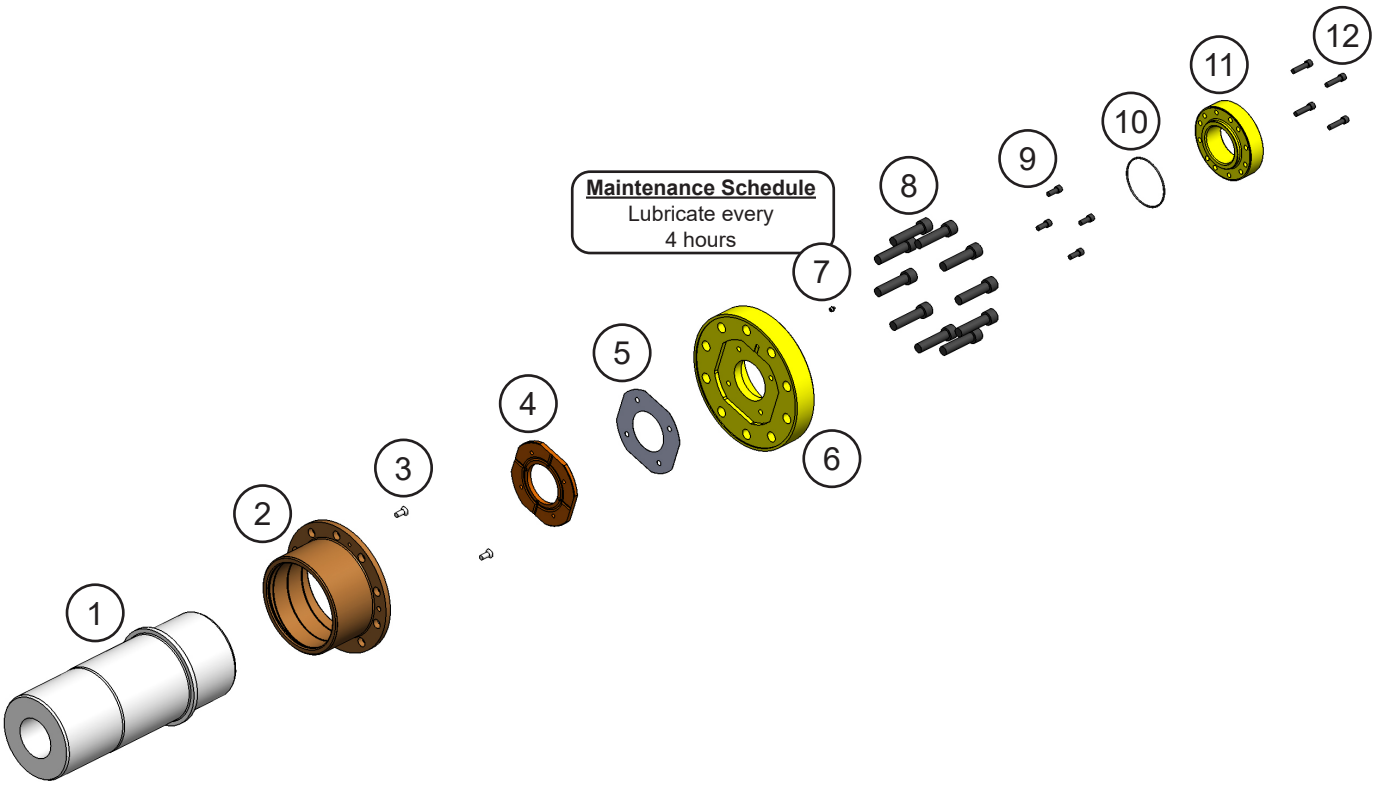
© 2026 Genesis Attachments, LLC

ASSEMBLY PIVOT GROUP - RIGHT SIDE

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1109847	Mach Bearing
2	2	F0412030	Flat Head Capscrew M12 x 1.75 x 30
3	1	1109386	Mach Thrust Washer
4	1	1109392	Shim Set Thrust Washer
5	1	1109466	Mach End Cap
6	1	6200002	Grease Fitting
7	10	F0624100	Socket Head Capscrew M24 x 3.00 x 100
8	4	F0612030	Socket Head Capscrew M12 x 1.75 x 30
9	1	1109848	Mach Tie Rod
10	1	S0170251	O-Ring
11	1	1109468	Mach Tie Rod Nut
12	4	F0612050	Socket Head Capscrew M12 x 1.75 x 50

© 2026 Genesis Attachments, LLC

ASSEMBLY PIVOT GROUP - LEFT SIDE



© 2026 Genesis Attachments, LLC

ASSEMBLY PIVOT GROUP - LEFT SIDE

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	*	Mach Main Shaft
2	1	1109387	Mach Bearing
3	2	F0412030	Flat Head Capscrew M12 x 1.75 x 30
4	1	1109386	Mach Thrust Washer
5	1	1109392	Shim Set Thrust Washer
6	1	1109466	Mach End Cap
7	1	6200002	Grease Fitting
8	10	F0624100	Socket Head Capscrew M24 x 3.00 x 100
9	4	F0612030	Socket Head Capscrew M12 x 1.75 x 30
10	1	S0170251	O-Ring
11	1	1109468	Mach Tie Rod Nut
12	4	F0612050	Socket Head Capscrew M12 x 1.75 x 50

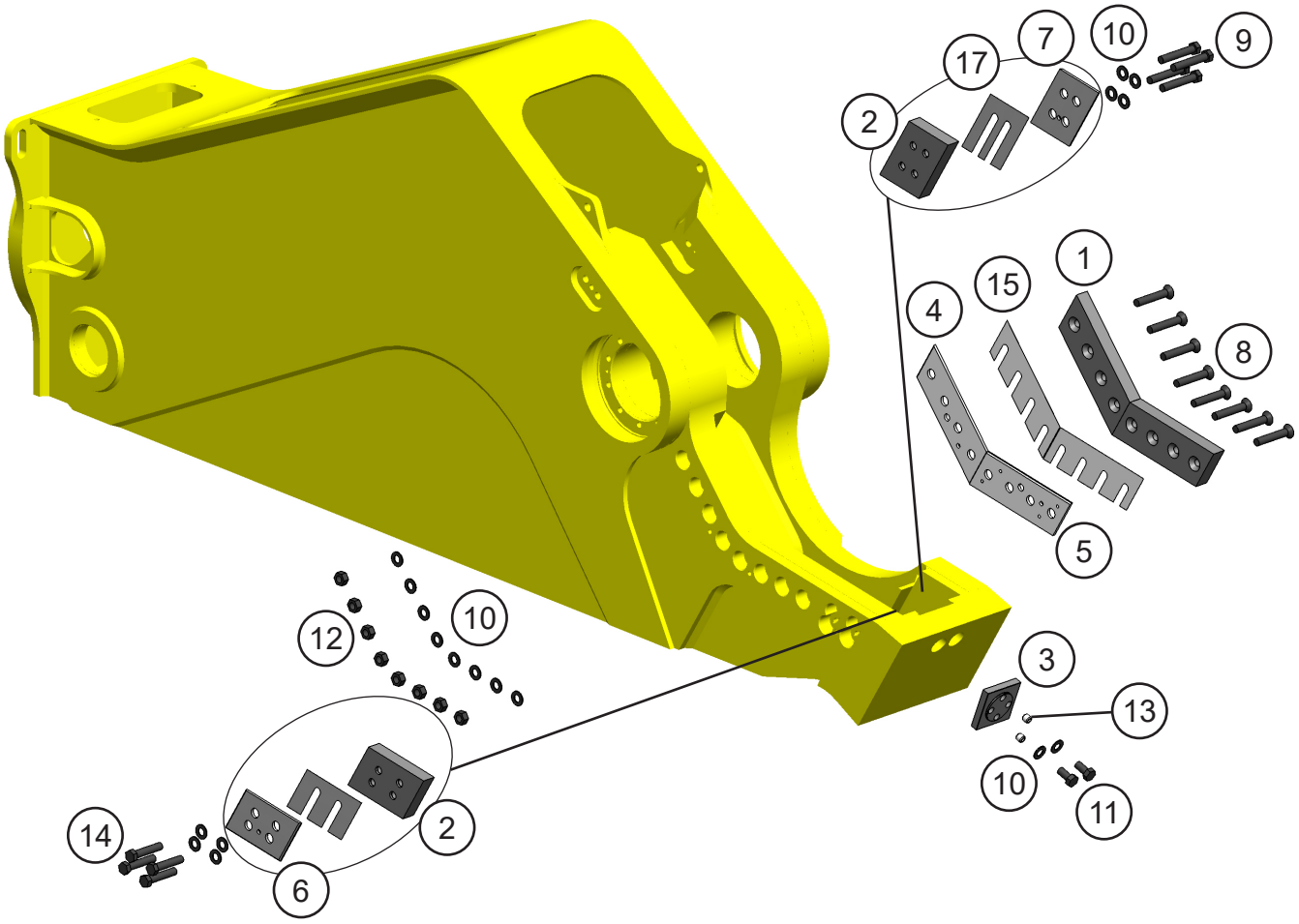
* Part number is Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

ASSEMBLY LOWER BLADES



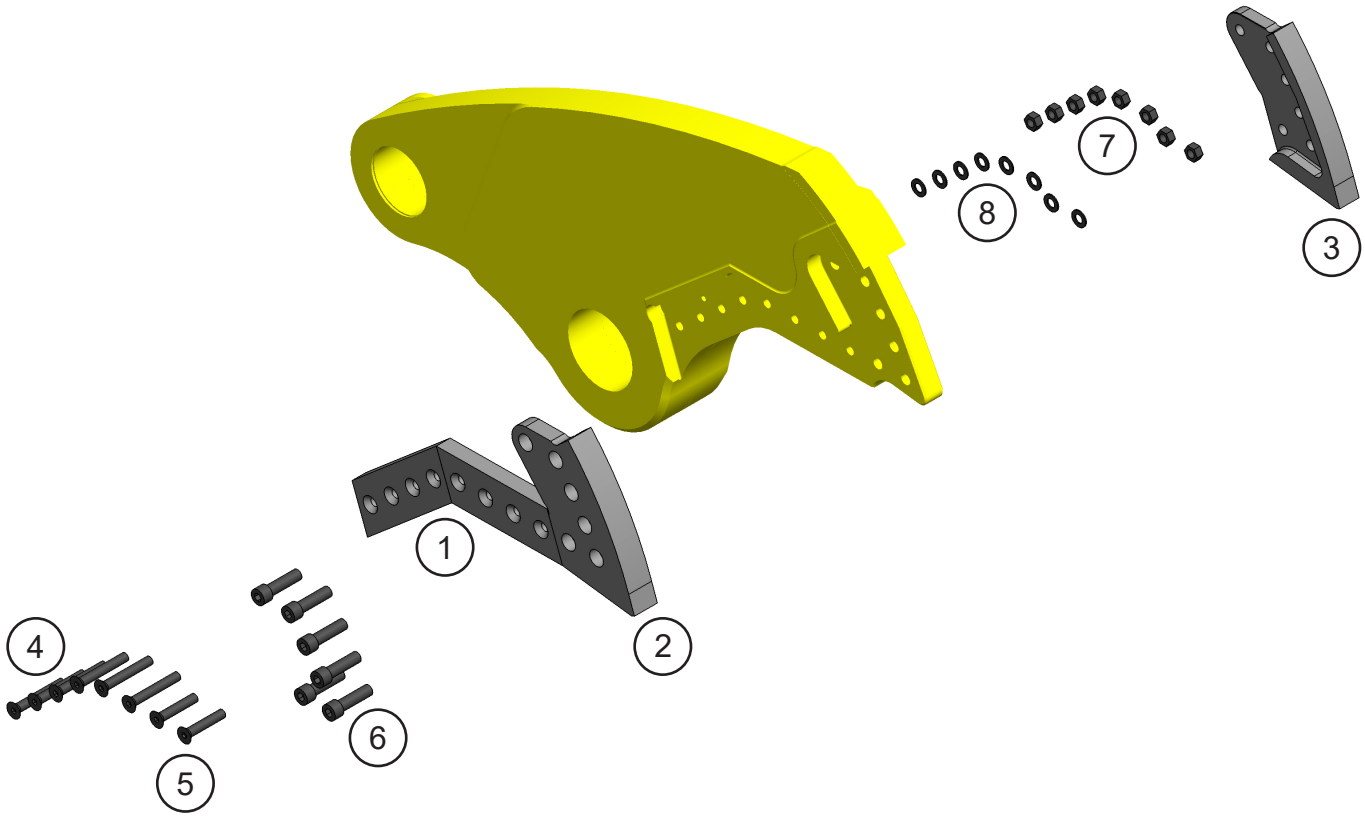
© 2026 Genesis Attachments, LLC

ASSEMBLY LOWER BLADES

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1102512	Mach Blade
2	2	1105722	Mach Blade Guide
3	1	1101957	Mach Blade Razor
4	1	1104579	Mach Adjust Plate Primary
5	1	1104578	Mach Adjust Plate Secondary
6	1	1105865	Mach Guide Blade Adjust Plate - Blade Side
7	1	1105867	Mach Guide Blade Adjust Plate - Guide Side
8	8	F0510600	Flat Head Capscrew 1 - 8 x 6
9	4	F0210600	Hex Head Capscrew 1 - 8 x 6
10	18	F1300100	Flat Washer Narrow 1”
11	2	F0210200	Hex Head Capscrew 1 - 8 x 2
12	8	F0910008	Hex Nut 1 - 8
13	2	F2510100	Set Screw Socket Head 1 - 8 x 1
14	4	F0210500	Hex Head Capscrew 1 - 8 x 5
15		1104648	Blade Shim Set
16		1105724	Guide Shim Set, Blade Side
17		1105725	Guide Shim Set, Guide Side

© 2026 Genesis Attachments, LLC

ASSEMBLY UPPER BLADES



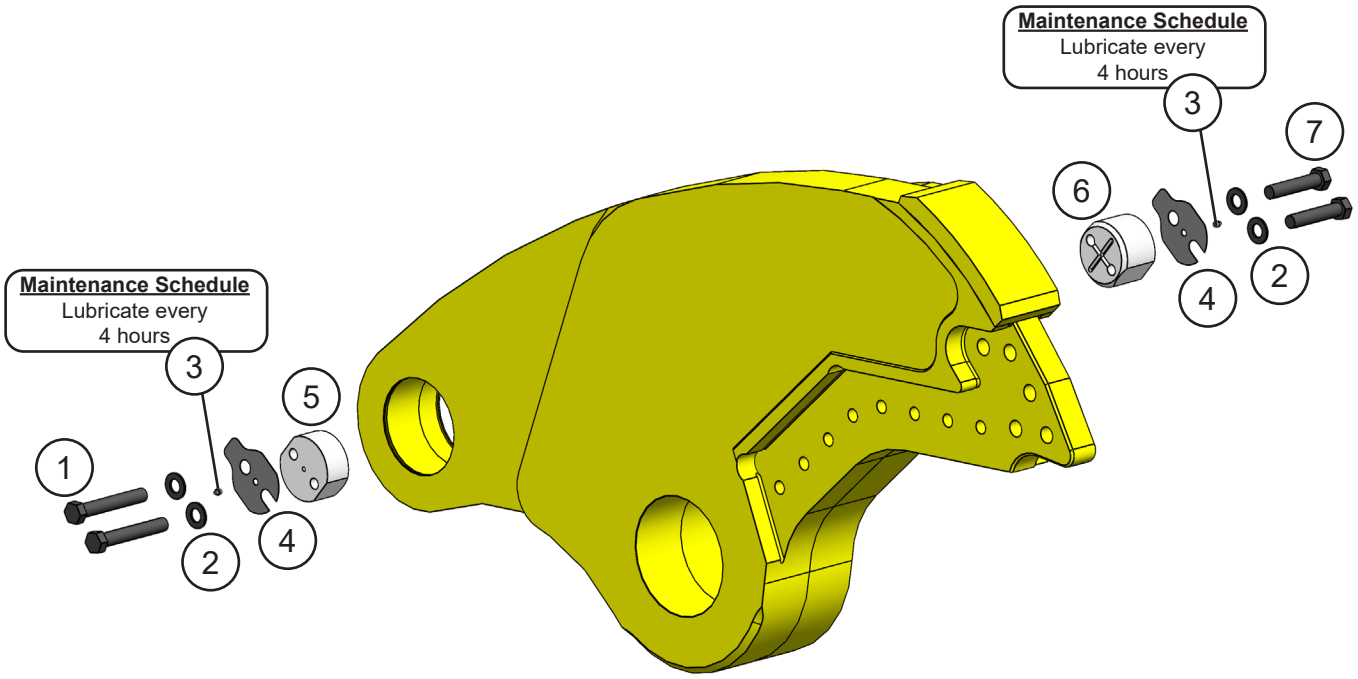
© 2026 Genesis Attachments, LLC

ASSEMBLY UPPER BLADES

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1102512	Mach Blade
2	1	1105840	Mach Blade Tip Right
3	1	1105841	Mach Blade Tip Left
4	6	F0510700	Flat Head Capscrew 1 - 8 x 7
5	2	F0510550	Flat Head Capscrew 1 - 8 x 5½
6	5	1102857	Mach Bolt Socket Head Capscrew 1¼ - 7 x 4½ Custom
7	8	F0910008	Hex Nut 1 - 8
8	8	F1300100	Flat Washer Narrow 1”

© 2026 Genesis Attachments, LLC

ASSEMBLY AUTO GUIDE



© 2026 Genesis Attachments, LLC

ASSEMBLY AUTO GUIDE

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	F0210675	Hex Head Capscrew 1.00 x 8 x 6.75
2	4	F1300100	Flat Washer Narrow 1”
3	2	6200002	Grease Fitting
4	2	1106478	Shim Set, Auto Guide
5	1	*	Mach Auto Guide
6	1	*	Mach Auto Guide
7	2	F0210500	Hex Head Capscrew 1.00 x 8 x 5.00

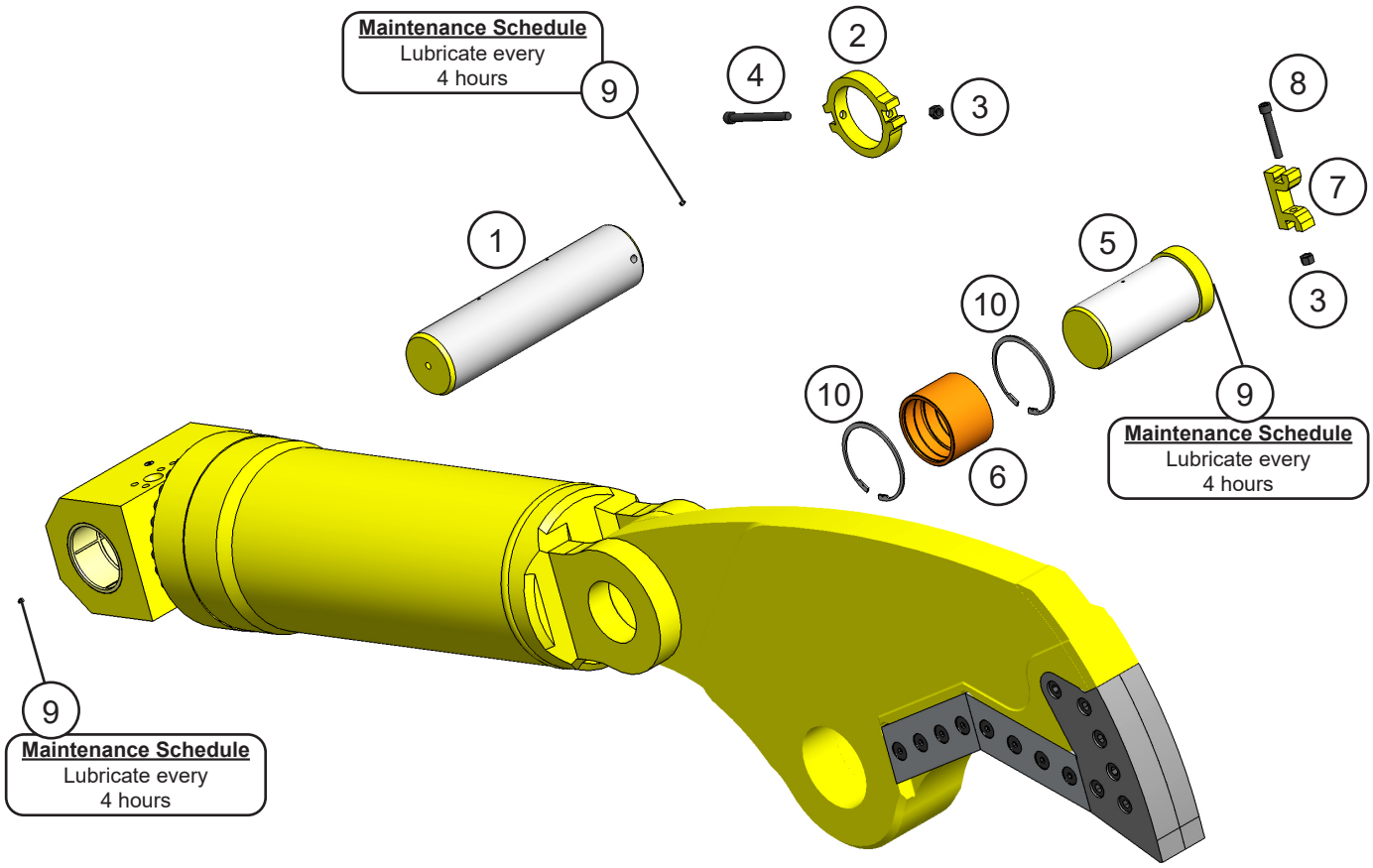
* Part numbers are Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

ASSEMBLY CYLINDER PINS



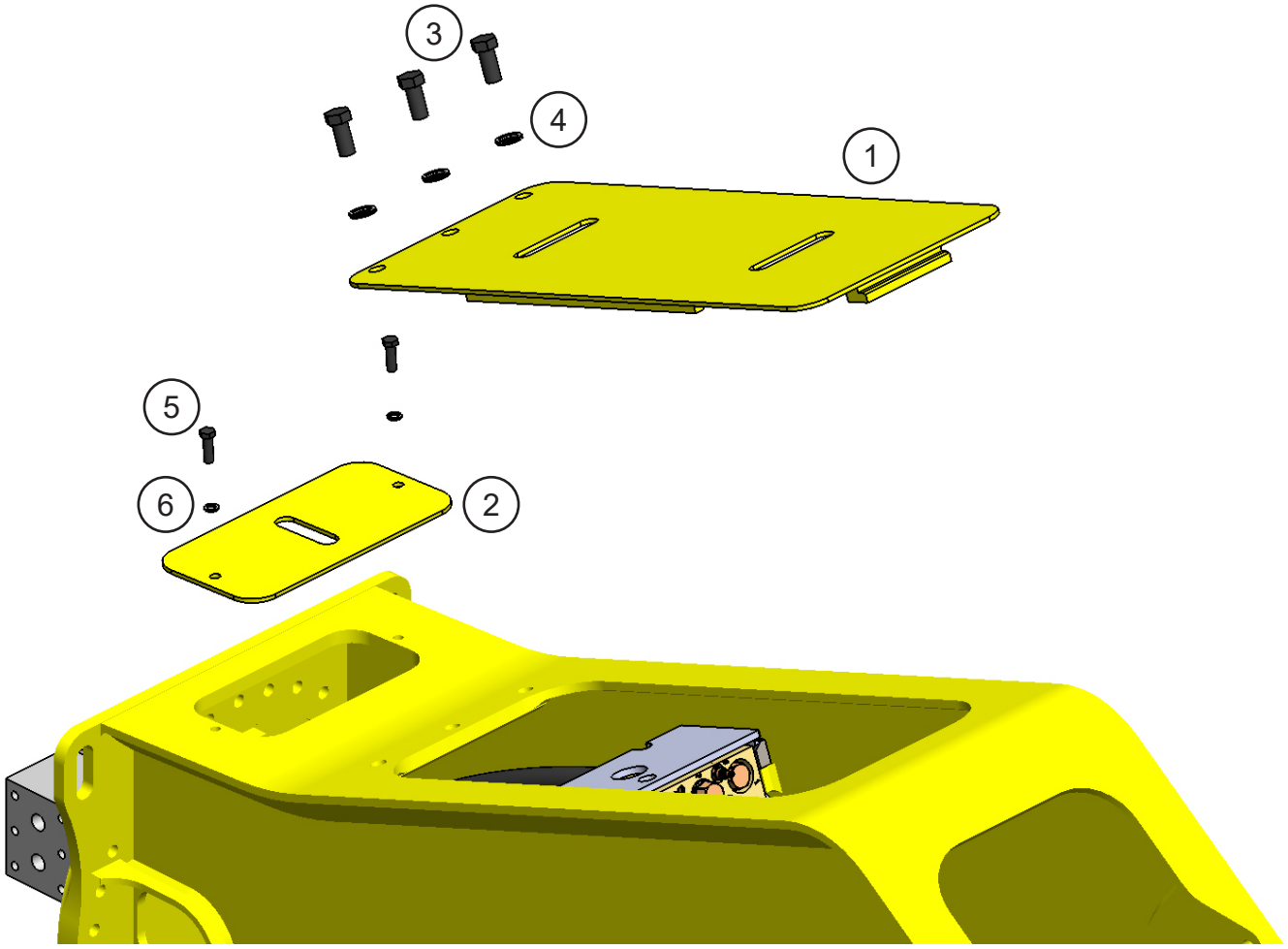
© 2026 Genesis Attachments, LLC

ASSEMBLY CYLINDER PINS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1109850	Mach Rear Cyl Pin
2	1	1106675	Mach Pin Keeper Rear
3	2	F1020250	Nylock Hex Nut M20 x 2.50
4	1	F0620230	Socket Head Capscrew M20 x 2.50 x 230
5	1	1106672	Wldt Front Cyl Pin
6	1	1109849	Mach Bearing Upper Cylinder Connection
7	1	1102487	Mach Pin Keeper (Clevis)
8	1	F0620130	Socket Head Capscrew M20 x 2.50 x 130
9	3	6200002	Grease Fitting
10	2	6200096	Snap Ring

© 2026 Genesis Attachments, LLC

ASSEMBLY ACCESS COVERS



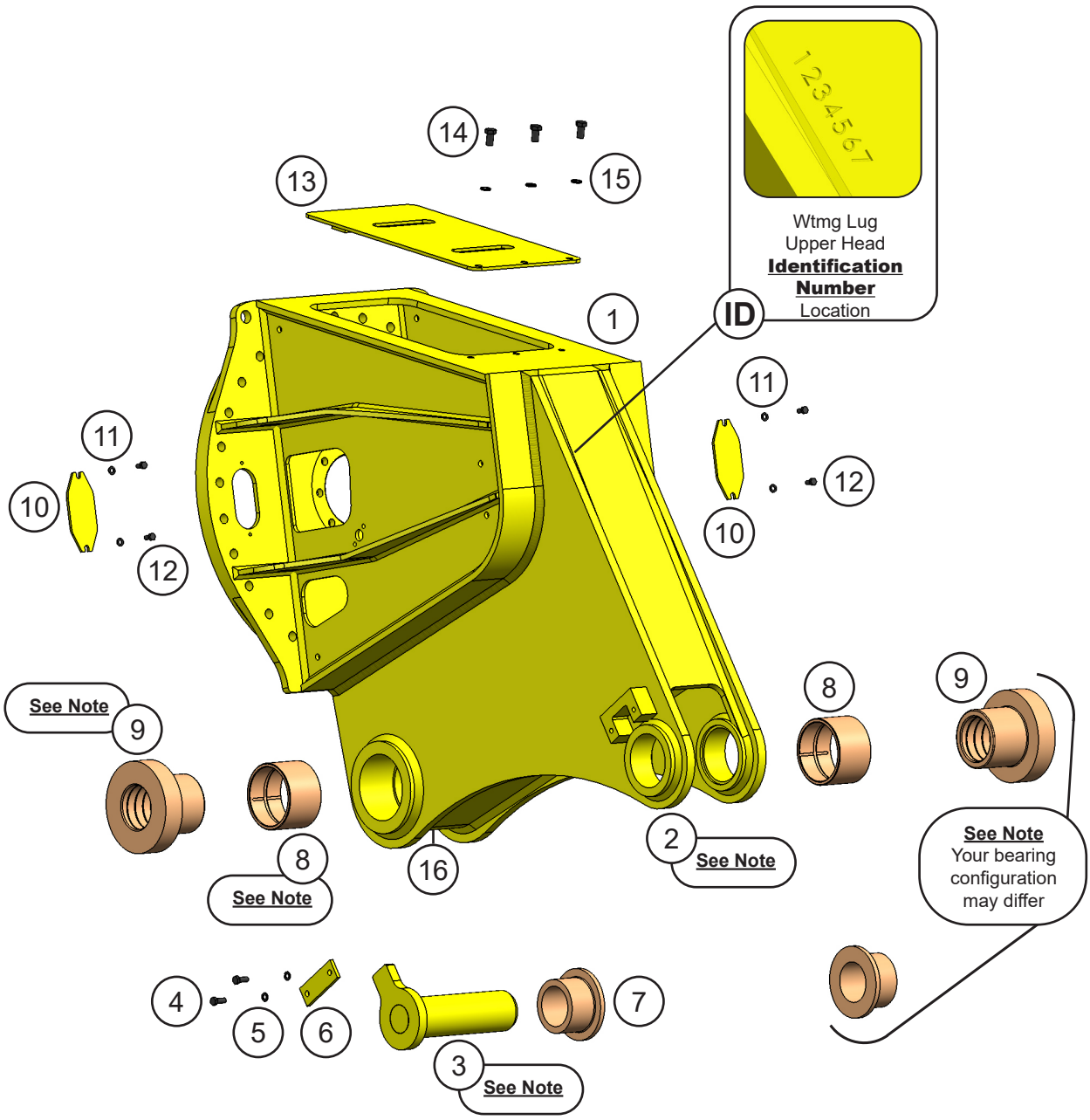
© 2026 Genesis Attachments, LLC

ASSEMBLY ACCESS COVERS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1109852	Wldt Cover
2	1	1109851	Plt Cover
3	3	F0127040	Hex Head Capscrew M27 x 3.00 x 40
4	3	F1900113	Wedge Lock Washer 1⅛
5	2	F0116050	Hex Head Capscrew M16 x 2.00 x 50
6	2	F1900063	Wedge Lock Washer ⅝

© 2026 Genesis Attachments, LLC

ASSEMBLY UPPER HEAD





Serial Number Location
Facing the left side of shear,
lower right corner.

© 2026 Genesis Attachments, LLC

ASSEMBLY UPPER HEAD

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	*	Mach Sub Head
2	1	*	Mach Lug Upper Head
3	1	*	Wldt Pin
4	2	F0112030	Hex Head Capscrew M12 x 1.75 x 30
5	2	F1900050	Wedge Lock Washer ½
6	1	5500752	Plt Strap
7	2	*	Mach Spacer Sleeve
8	2	*	Mach Bearing
9	2	*	Mach Boom Bearing
10	2	1105883	Plt Bolt Cover
11	4	F1201021	Flat Washer M10
12	4	F0110020	Hex Head Capscrew M10 x 1.50 x 20
13	*	*	Cover
14	*	*	Hex Head Capscrew
15	*	*	Washer
16	1	6200002	Grease Fitting

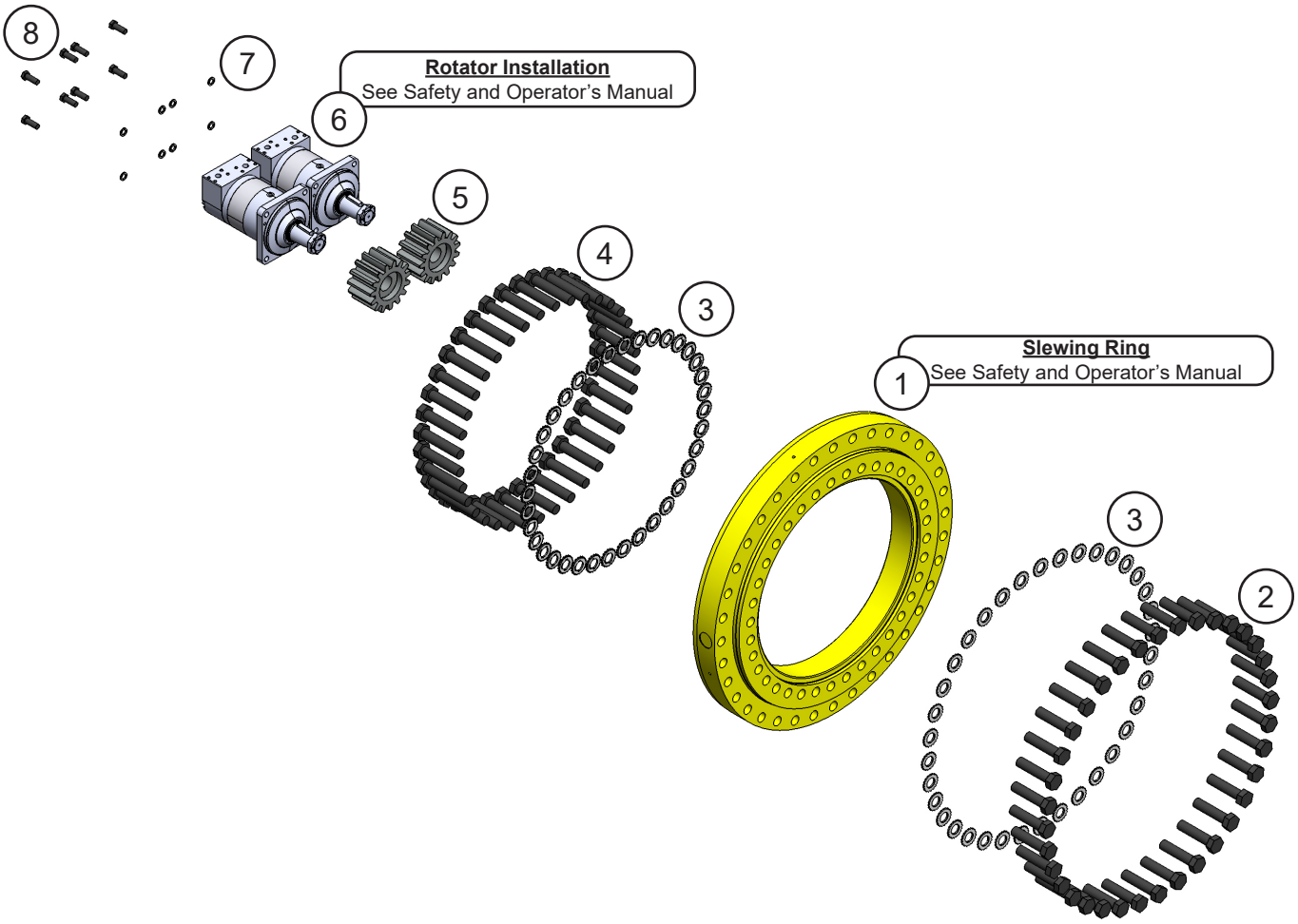
* Part numbers are Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - TWIN MOTOR





Serial Number Location
Facing the left side of shear, lower right corner.

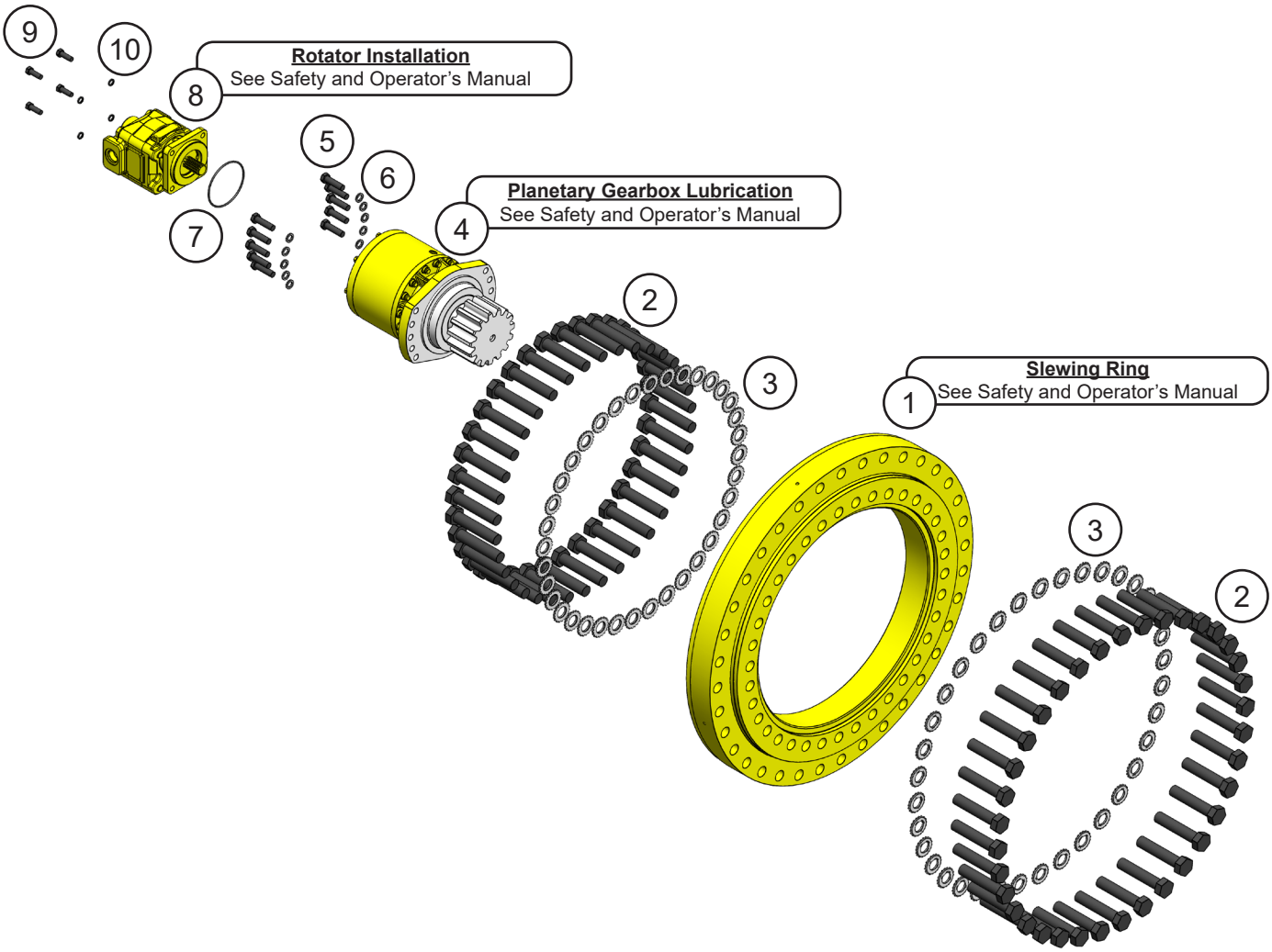
© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - TWIN MOTOR

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	6300430	Bearing Slewing
2	36	F0130130	Hex Head Capscrew M30 x 3.5 x 130
3	72	F2803000	Hytorc Reaction Washer M30
4	36	F0130150	Hex Head Capscrew M30 x 3.5 x 150
5	2	3101265	Motor Pinion
6	2	6380210	Motor
7	8	F1900063	Wedge Lock Washer ⅝
8	8	F0116045	Hex Head Capscrew M16 x 2.0 x 45

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - GEAR MOTOR





Serial Number Location
Facing the left side of shear, lower right corner.

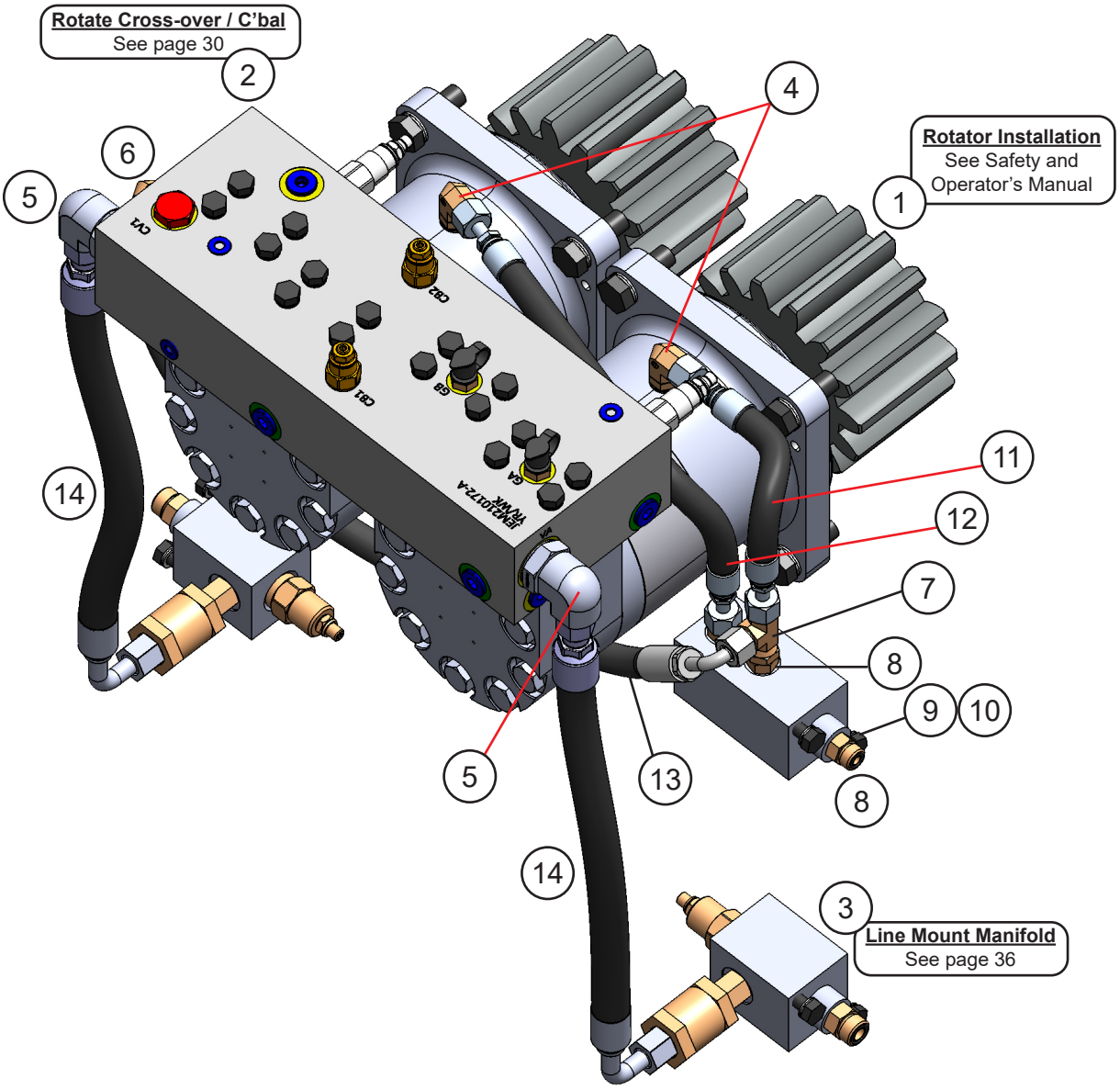
© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - GEAR MOTOR

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	6300430	Bearing Slewing
2	71	F0130150	Hex Head Capscrew M30 x 3.5 x 150
3	71	F2803000	Hytorc Reaction Washer M30
4	1	6300446	Gear Box
5	10	F0116060	Hex Head Capscrew M16 x 2.0 x 60
6	10	F1900063	Wedge Lock Washer ⅝
7	1	S0190250	O-Ring (90 Durometer -250)
8	1	6300466	Gear Motor
9	4	F0250150	Hex Head Capscrew ½ - 13 x 1½
10	4	F1900050	Wedge Lock Washer ½

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION CIRCUIT - TWIN MOTOR





Serial Number Location
Facing the left side of shear, lower right corner.

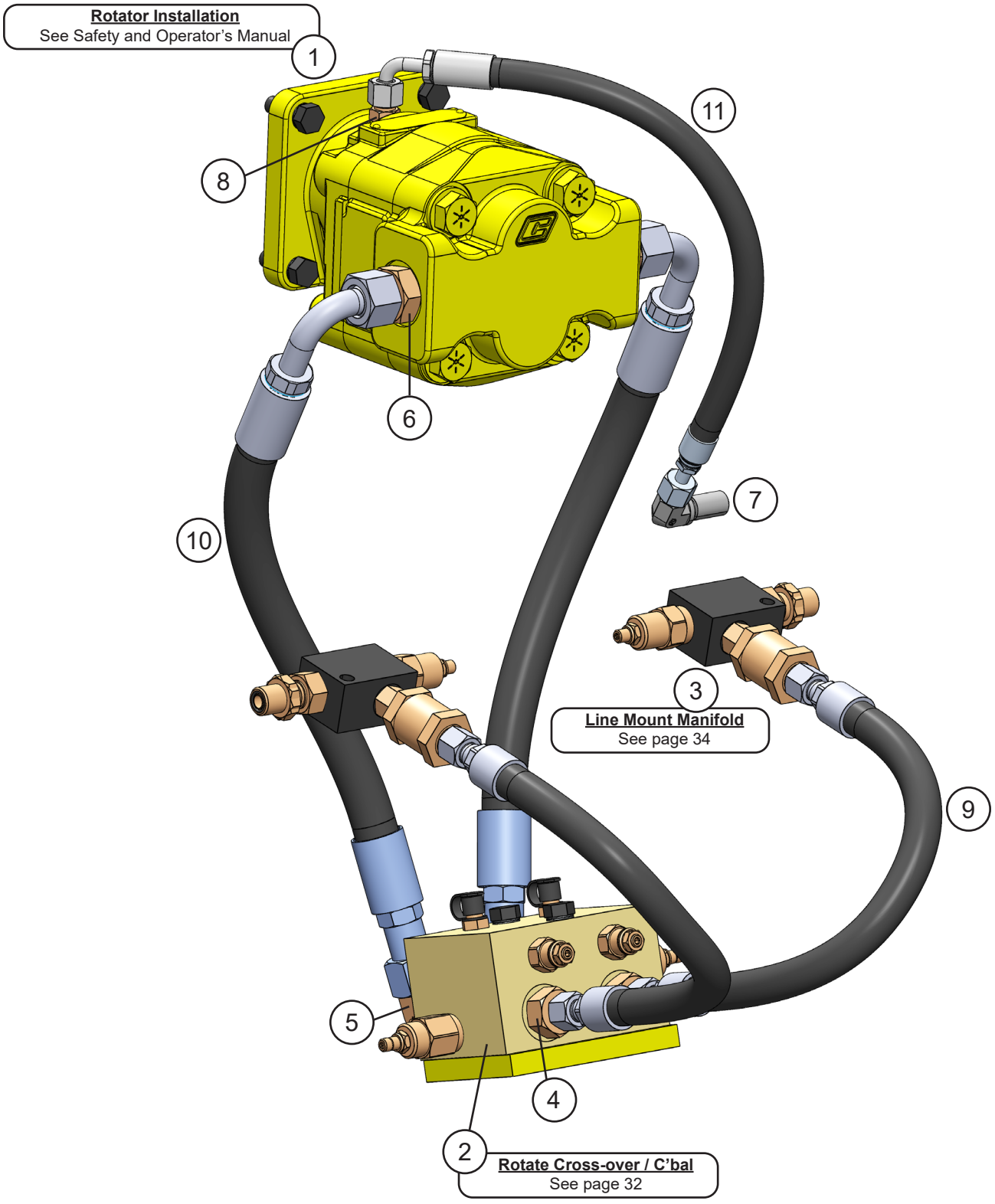
© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION CIRCUIT - TWIN MOTOR

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	See page 22	Assembly Rotation
2	1	See page 30	Sub-Assembly Rotate Cross-over / C'bal
3	2	See page 36	Sub-Assembly Line Mount Manifold - Twin Motor - 6302659
4	2	6310305	Adapter 04MBSPP - 06MFS - 90
5	2	6310082	Adapter 12MB - 08MO - 90
6	1	6310041	Adapter 06MB - 06 MO - 90
7	1	6300407	Adapter Tee 06FOX - 06MO - 06MO
8	3	6300018	Adapter 06MB-06MO
9	2	F0110030	Hex Head Capscrew M10 x 1.50 x 30
10	2	F1900040	Wedge Lock Washer ⅜
11	1	3503423	Hose
12	1	3503424	Hose
13	1	3503740	Hose
14	2	3503422	Hose

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION CIRCUIT - GEAR MOTOR



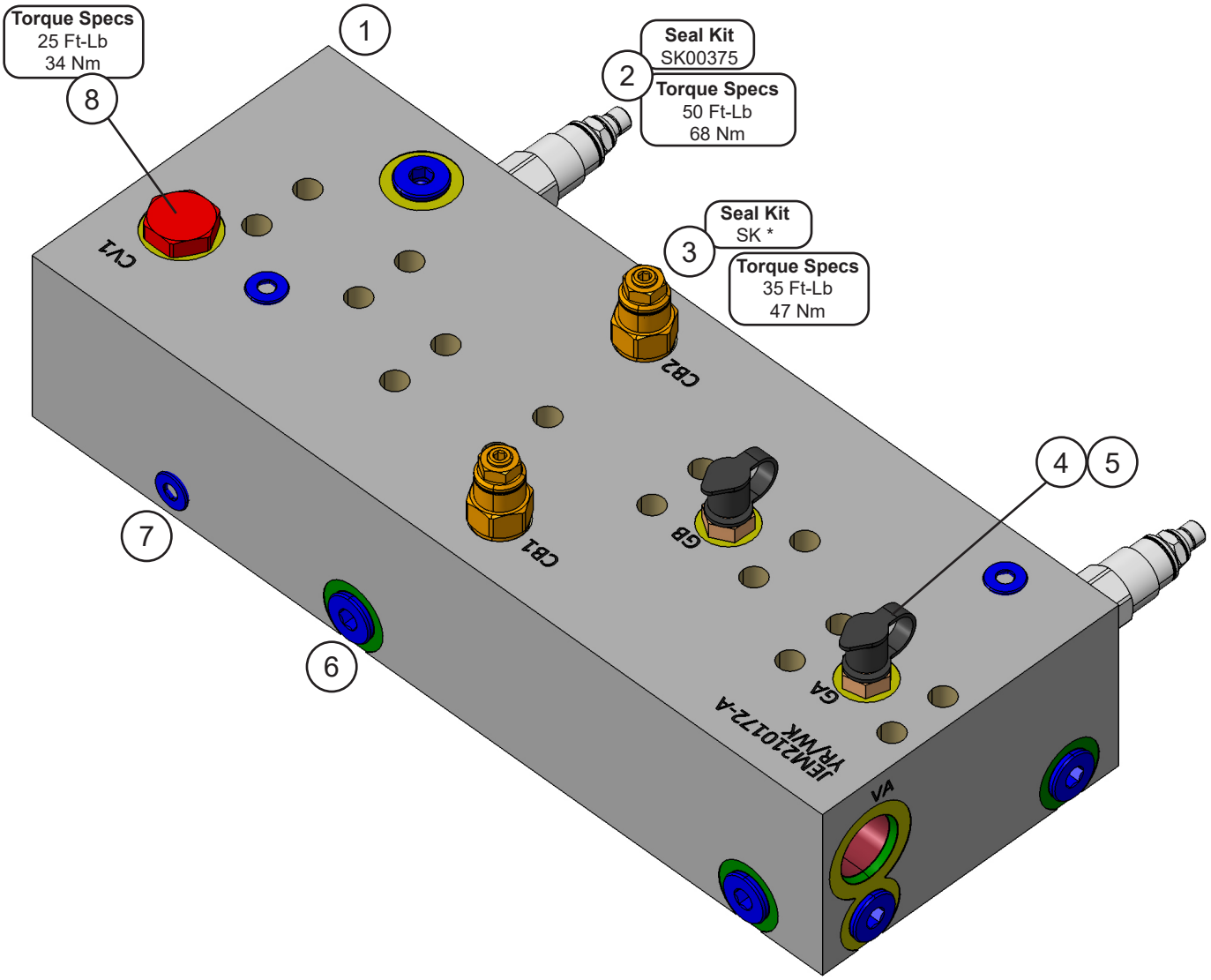
© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION CIRCUIT - GEAR MOTOR

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	See page 24	Assembly Rotation
2	1	See page 32	Sub-Assembly Rotate Cross-over / C'bal
3	2	See page 34	Sub-Assembly Line Mount Manifold - Gear Motor - 6301202
4	2	6300052	Adapter 12MB - 08MO
5	2	1104962	Adapter 12MB-12MO-90
6	2	6300102	Adapter 16MB-12MO
7	1	6310264	Adapter Bulkhead 06MO-06MO-90
8	1	6300020	Adapter 04MB-06MO
9	2	1108494	Hose
10	2	1108495	Hose
11	1	1108496	Hose

© 2026 Genesis Attachments, LLC

SUB-ASSEMBLY ROTATE CROSS-OVER / C'BAL - TWIN MOTOR



© 2026 Genesis Attachments, LLC

SUB-ASSEMBLY ROTATE CROSS-OVER / C'BAL - TWIN MOTOR

ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	6360159	Valve Block	
2	2	6301673	Valve Relief	**Seal Kit SK00375**
3	2	*	Valve Counterbalance	**Seal Kit SK ***
4	2	6300014	Diagnostic Nipple 06MB	
5	2	6310001	Diagnostic Nipple Dust Cap	
6	10	6300054	Plug Socket Head 08MB	
7	5	6300153	Plug Socket Head 06MB	
8	2	6390028	Valve Check	

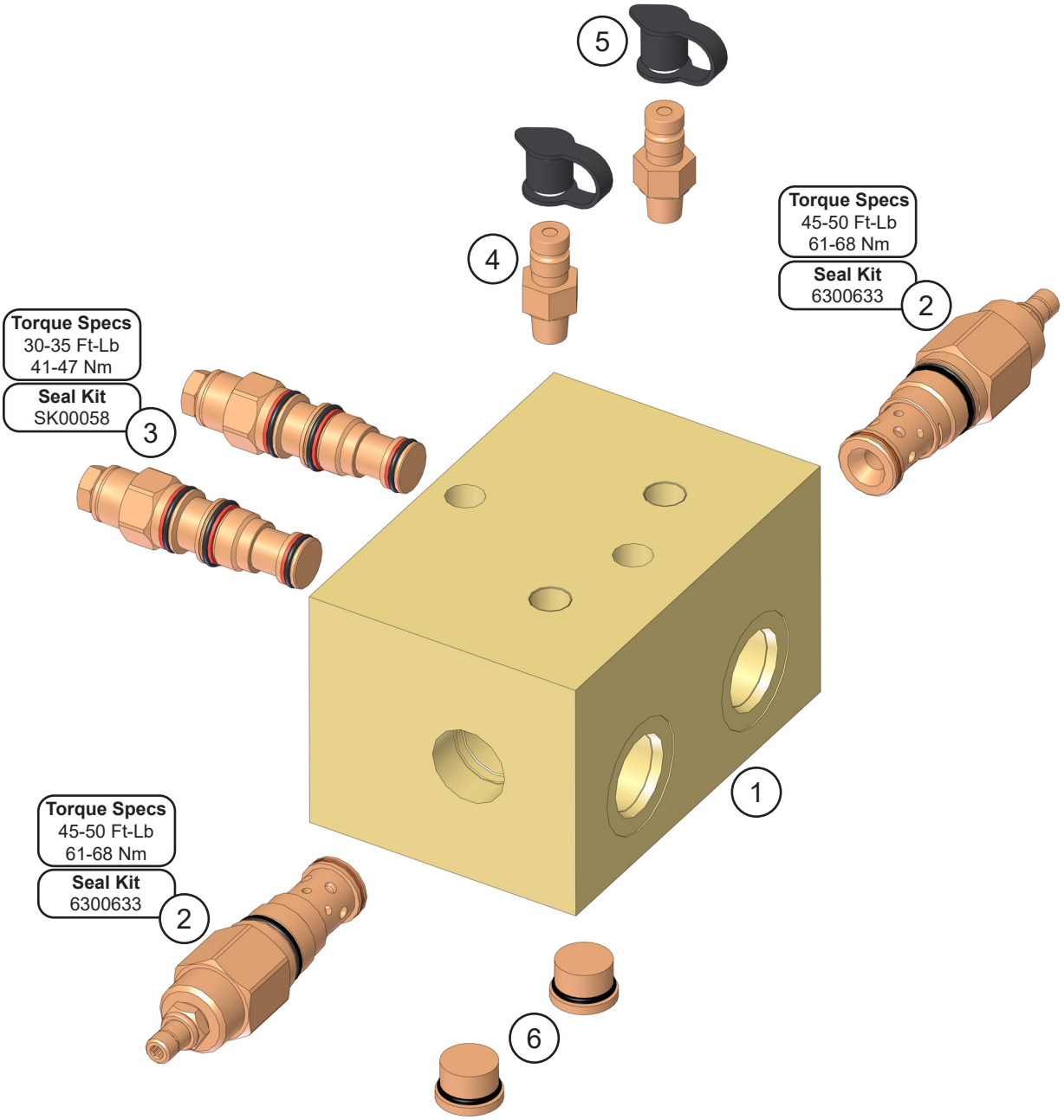
* Part numbers are Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

SUB-ASSEMBLY ROTATE CROSS-OVER / C'BAL - REMOTE



© 2026 Genesis Attachments, LLC

SUB-ASSEMBLY ROTATE CROSS-OVER / C'BAL - REMOTE

ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	6360010	Valve Block	
2	2	*	Valve Relief	**Seal Kit 6300633**
3	2	6380035	Valve Counterbalance	**Seal Kit SK00058**
4	2	6300088	Diagnostic Nipple 04MP	
5	2	6310001	Diagnostic Nipple Dust Cap	
6	2	6300054	Plug Socket Head 08MB	

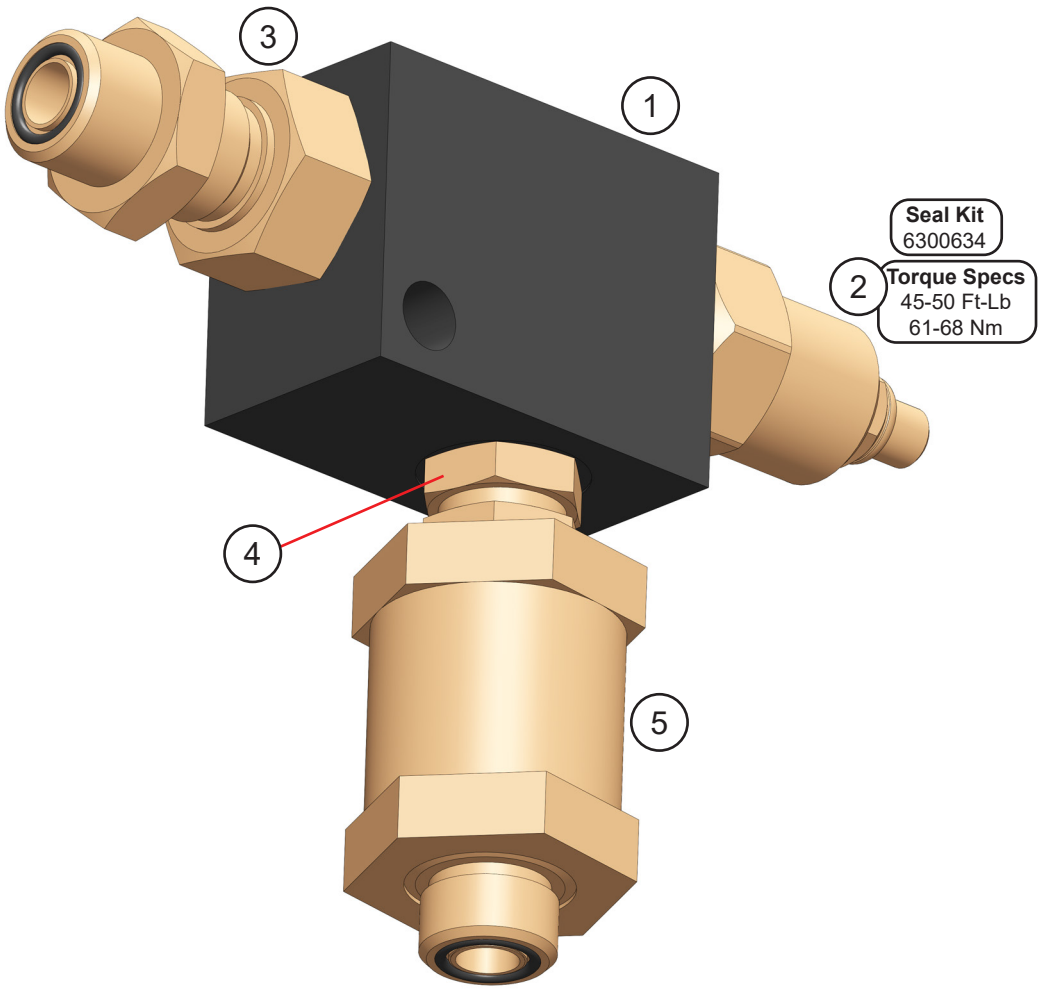
* Part number is Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

SUB-ASSEMBLY LINE MOUNT MANIFOLD - GEAR MOTOR 6301202



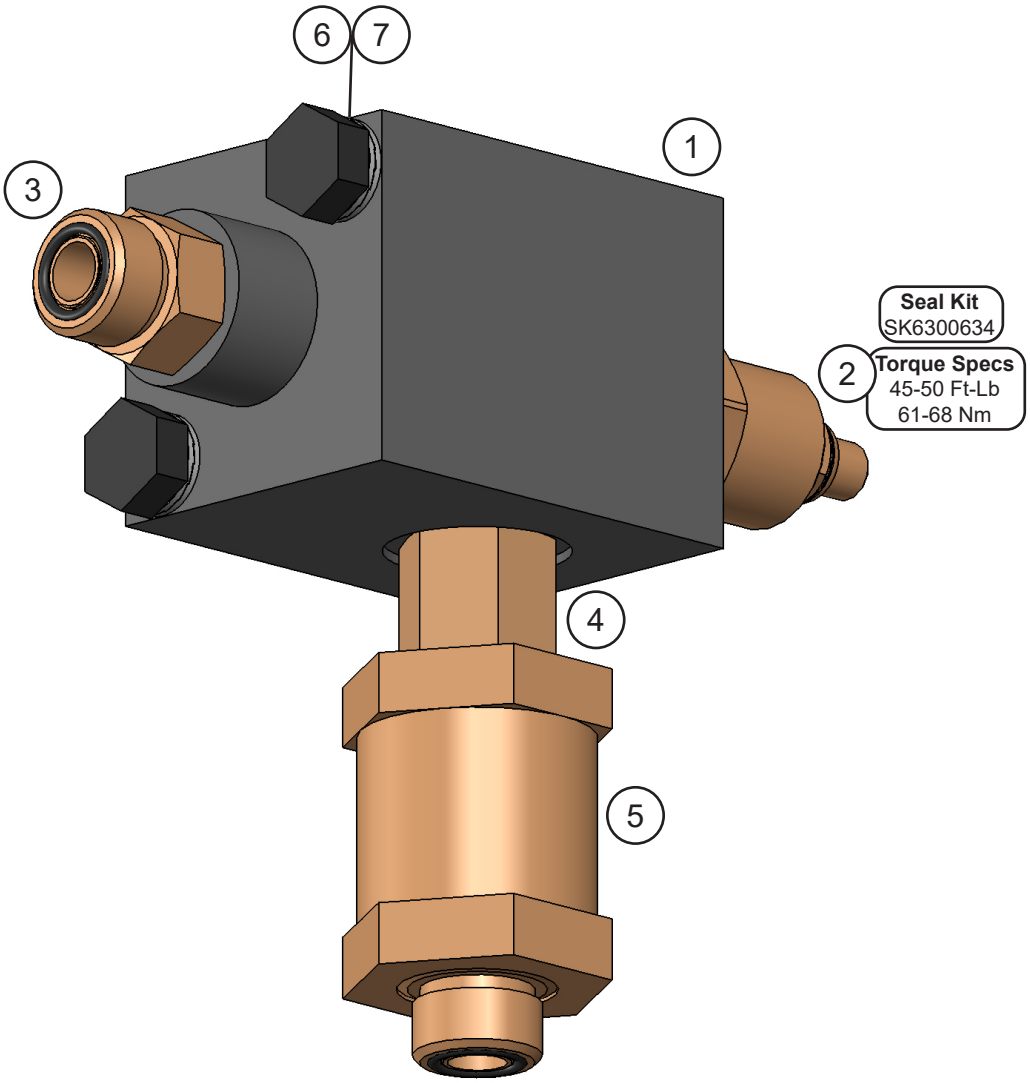
© 2026 Genesis Attachments, LLC

SUB-ASSEMBLY LINE MOUNT MANIFOLD - GEAR MOTOR 6301202

ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	6300609	Valve Line Body	
2	1	6300361	Valve Flow Control	**Seal Kit 6300634**
3	1	6300497	Adaptor Bulkhead 08MB - 08MO	
4	1	6310183	Adaptor 08MB - 08MB	
5	1	6300364	Filter	

© 2026 Genesis Attachments, LLC

SUB-ASSEMBLY LINE MOUNT MANIFOLD - TWIN MOTOR 6302659



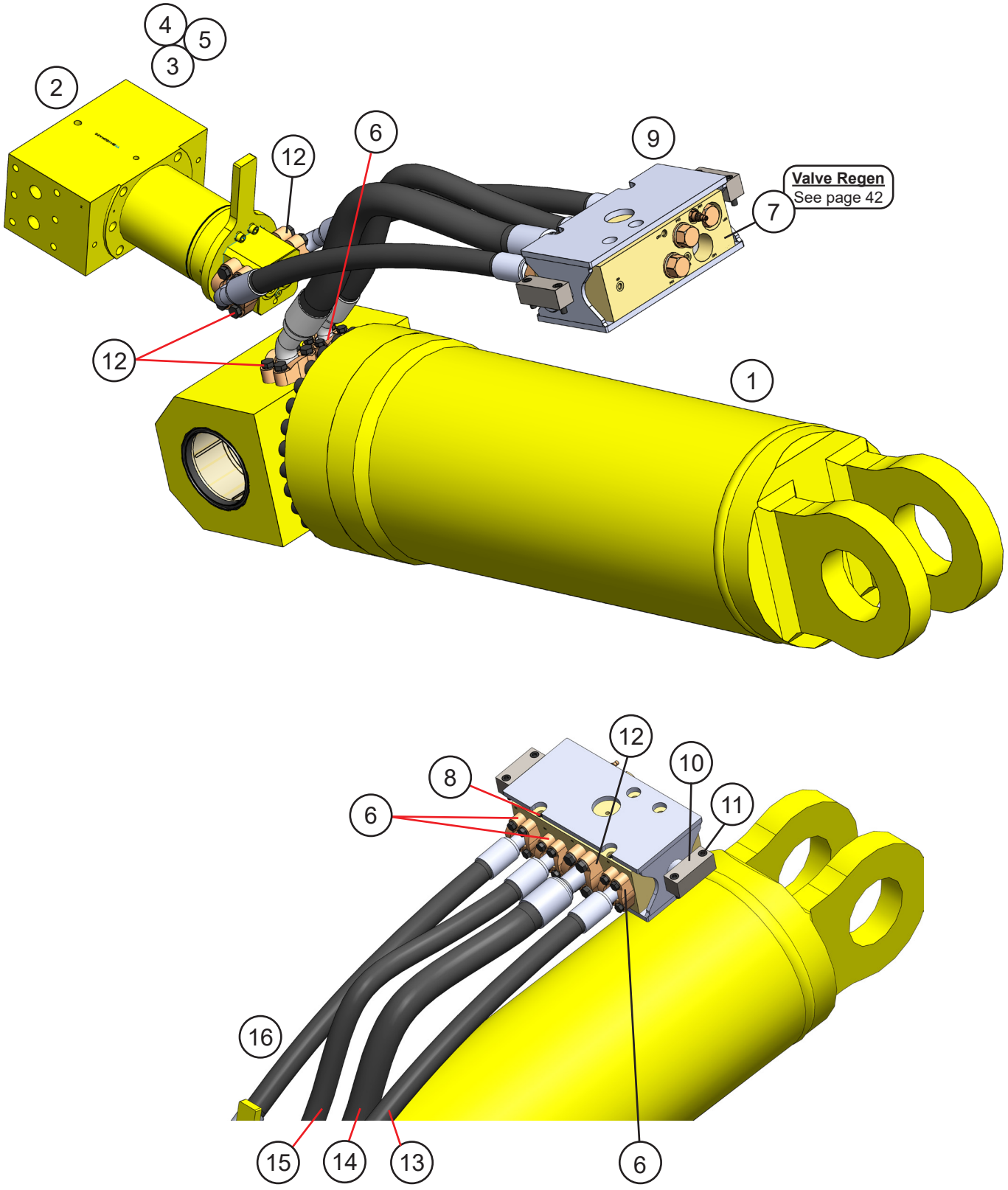
© 2026 Genesis Attachments, LLC

SUB-ASSEMBLY LINE MOUNT MANIFOLD - TWIN MOTOR 6302659

ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	6302658	Valve Line Body	
2	1	6300361	Valve Flow Control	**Seal Kit SK6300634**
3	1	6310050	Adapter 08MB - 08MO	
4	1	6310183	Adapter 08MB - 08MB	
5	1	6300364	Filter	
6	2	F0110030	Hex Head Capscrew M10 x 1.50 x 30	
7	2	F1900040	Wedge Lock Washer ⅜	

© 2026 Genesis Attachments, LLC

ASSEMBLY OPEN AND CLOSE CIRCUIT



© 2026 Genesis Attachments, LLC

ASSEMBLY OPEN AND CLOSE CIRCUIT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	*	Assembly Cylinder B15.0 R9.5 S34.50
2	1	See page 40	Assembly Swivel Manifold
3	2	*	Mach Port Block
4	12	*	Socket Head Capscrew M16 x 2.00
5	4	*	O-Ring
6	4	**1¼" Split Flange Kit**	
	2	H0262125	Split Flange Half 1.25 Code 62
	4	F0112050	Hex Head Capscrew M12 x 1.75 x 50
	4	F1900050	Wedge Lock Washer ½
	1	S0190222	O-Ring
7	1	See page 42	Valve Regen
8	4	F0612120	Socket Head Capscrew M12 x 1.75 x 120
9	1	1109716	Valve Regen Tray
10	2	1109858	Regen Tray Upper Bearing
11	4	F0612050	Socket Head Capscrew M12 x 1.75 x 50
12	4	**1½" Split Flange Kit**	
	2	H0262150	Split Flange Half 1.50 Code 62
	4	F0116060	Hex Head Capscrew M16 x 2.00 x 60
	4	F1900063	Wedge Lock Washer ⅝
	1	S0190225	O-Ring
13	1	1109860	Hose
14	1	1106682	Hose
15	1	1106681	Hose
16	1	1109859	Hose

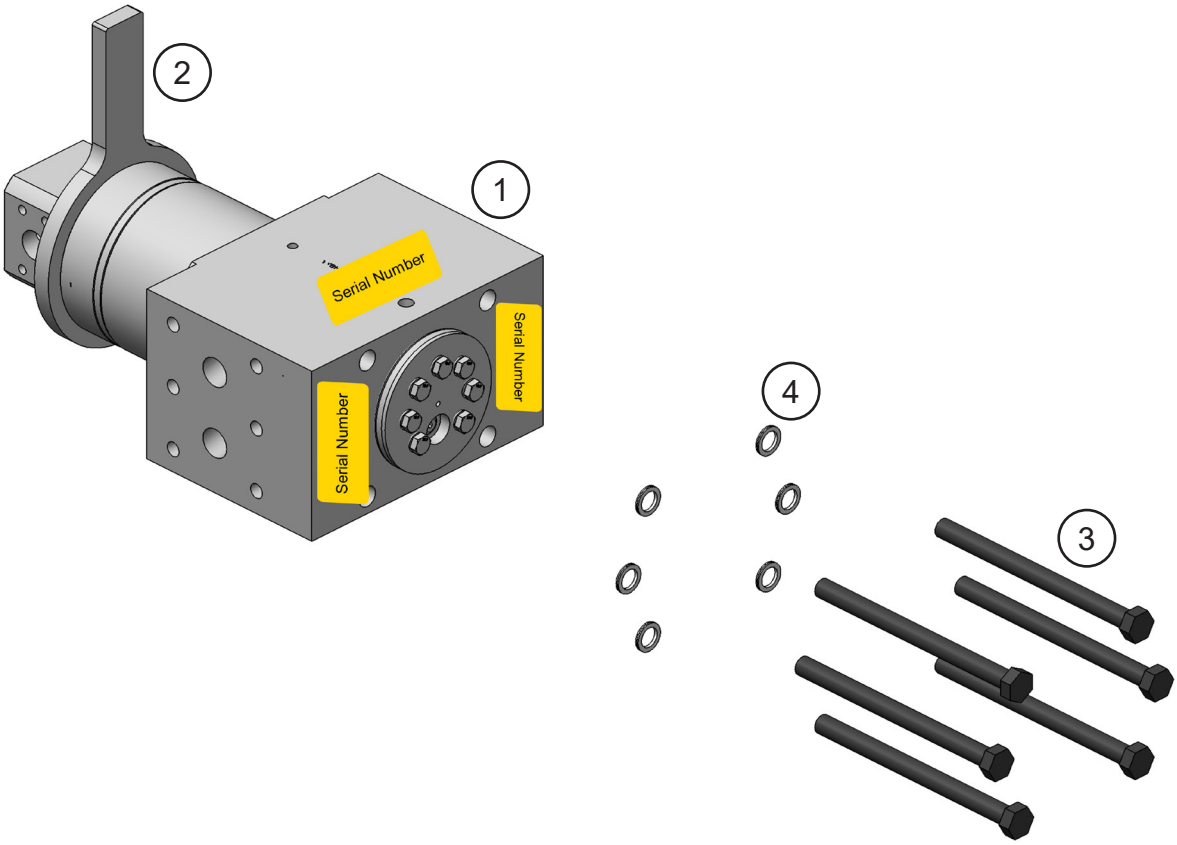
* Part numbers are Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

ASSEMBLY SWIVEL MANIFOLD



© 2026 Genesis Attachments, LLC

ASSEMBLY SWIVEL MANIFOLD

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	*	Assembly Swivel Manifold
2	1	*	Torque Arm Kit
3	6	F0120265	Hex Head Capscrew M20 x 2.5 x 265
4	6	F1900075	Wedge Lock Washer ¾

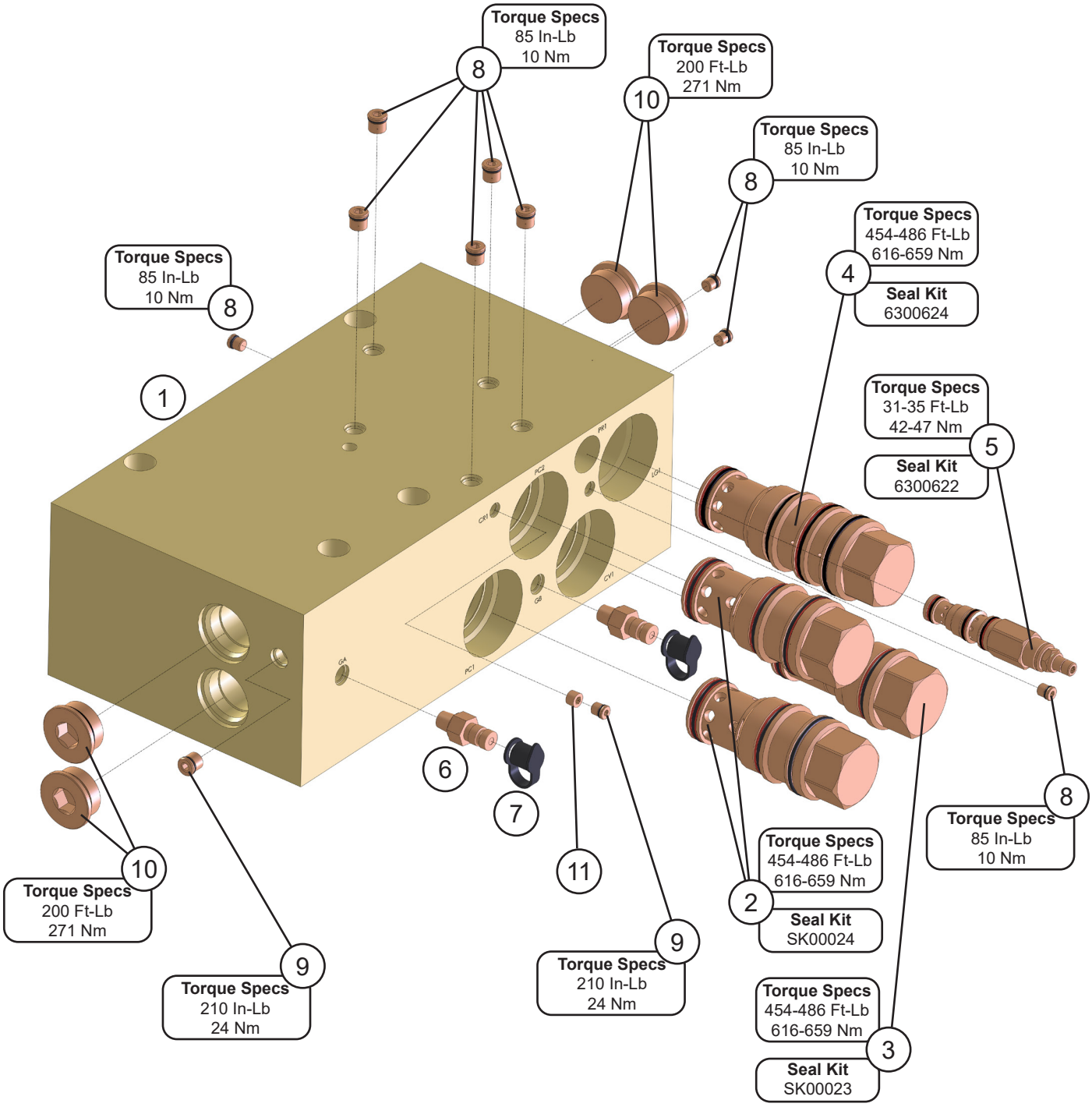
* Part numbers are Serial Number specific.
For replacement parts and seal kit, call the Genesis Parts Department.
The swivel Serial Number, located in one of the three highlighted areas, is required for **any** parts order.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

REGEN BLOCK SUB-ASSEMBLY - 6360021



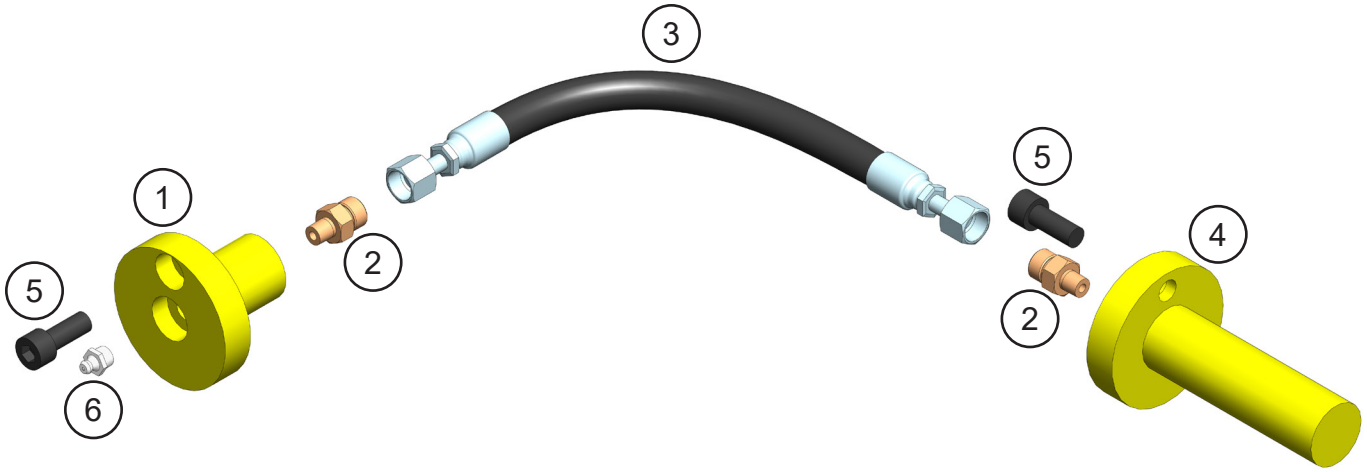
© 2026 Genesis Attachments, LLC

REGEN BLOCK SUB-ASSEMBLY - 6360021

ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	6360021	Manifold Block	**Seal Kit SK00129**
2	2	6300061	Pilot to Close Check Valve	**Seal Kit SK00024**
3	1	6380011	Check Valve	**Seal Kit SK00023**
4	1	6300623	Logic Element	**Seal Kit 6300624**
5	1	6300625	Pressure Reducing Valve	**Seal Kit 6300622**
6	2	6300365	Diagnostic Nipple	
7	2	6310001	Diagnostic Nipple Dust Cap	
8	9	6300075	Plug Socket Head 02MB	
9	2	6300076	Plug Socket Head 04MB	
10	4	6300078	Plug Socket Head 16MB	
11	1	6300903	Plug Pipe Orifice 01MP 1/16-27 NPT	

© 2026 Genesis Attachments, LLC

ASSEMBLY SLEWING RING LUBRICATION



© 2026 Genesis Attachments, LLC

ASSEMBLY SLEWING RING LUBRICATION

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	5512411	Mach Grease Bulkhead Adaptor
2	2	6300731	Adaptor 02MP-04MO
3	1	1105888	Hose
4	1	5512419	Mach Slewing Ring Grease Adaptor
5	2	F0610035	Socket Head Capscrew M10 x 1.50 x 35
6	1	6200002	Grease Fitting

© 2026 Genesis Attachments, LLC

BOLT TORQUE SPECIFICATIONS

Reference the product Thread Treatment Diagrams on page 47 to determine whether to use wet or dry torque values for specific bolts.

Reference Procedures on page 48 for threadlocker or anti-seize application and bolt and bolt hole cleaning.

Prior to torquing, clean all bolt holes, bolts and nuts to remove dirt, grease and oil, and identify bolt type.

Never re-torque bolts that use Loctite. If a bolt becomes loose or damaged after the initial use when Loctite was applied and the bolt was torqued, the bolt must be replaced.

Never break tightened bolts loose with a torque wrench. Doing so may break the torque wrench or take it out of calibration.

Torque wrenches should be calibrated on an annual basis.

When using a torque multiplier with a torque wrench, incorrect settings will be multiplied by the ratio of the torque wrench.

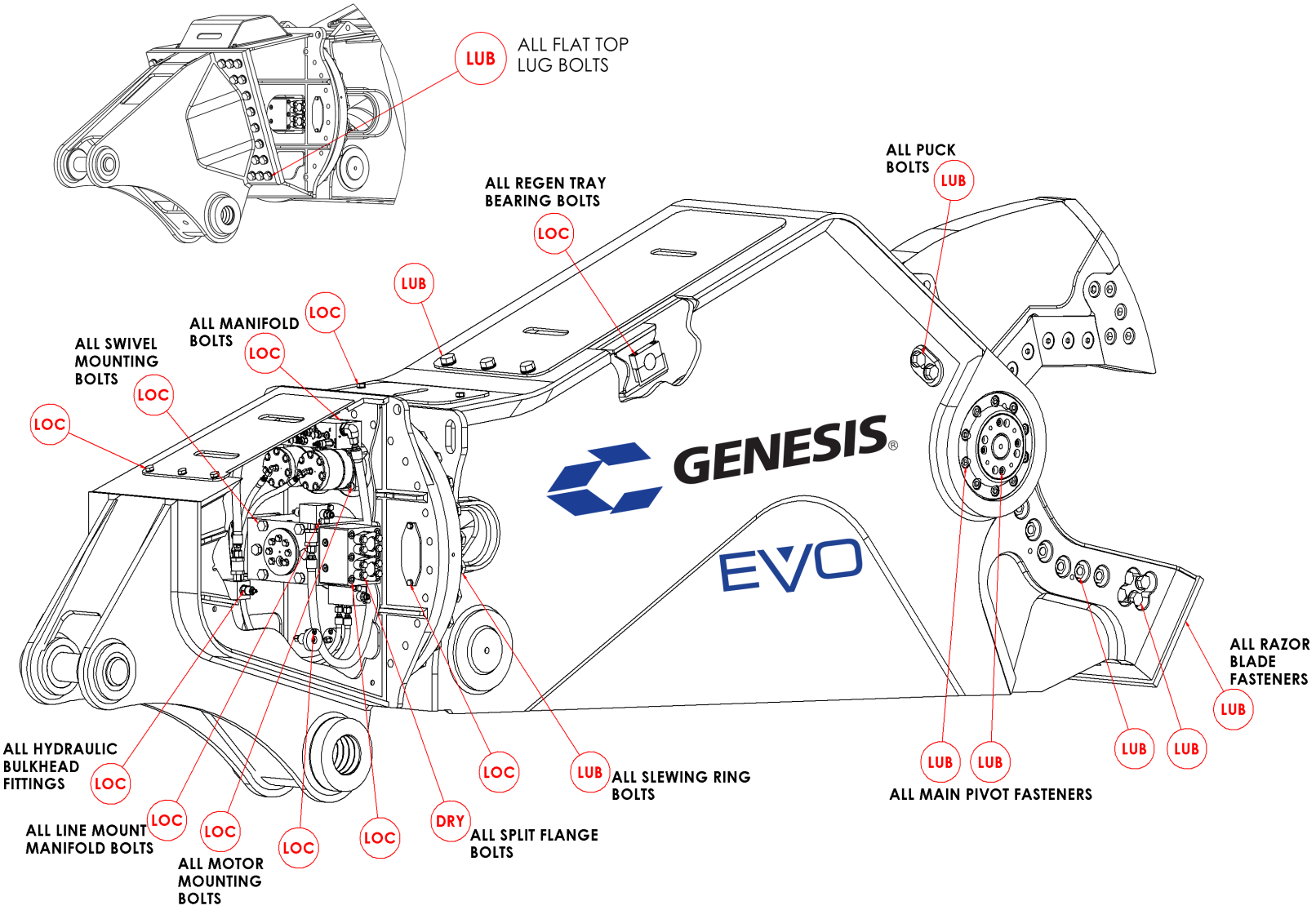
Never use an impact driver on a torque multiplier.

© 2026 Genesis Attachments, LLC

THREAD TREATMENT DIAGRAM

Mobile Shears

Use this diagram to determine what thread treatment, if any, is required for each fastener.
For thread treatment application procedures, see page 48. For prescribed torque values, see page 50.



© 2026 Genesis Attachments, LLC

PROCEDURES

Reference the product Thread Treatment Diagrams on page 47 to determine which of the following procedures is required.

Cleaning

To ensure proper performance of thread treatment and accurate torque values, clean and degrease **all internal and external threads** prior to application of threadlocker, anti-seize or primer and before installation of hardware.

- Ensure both internal and external threads are free of dirt or debris.
- Use brake cleaner or similar cleaning solvent on all threads to remove any grease or oil.
- Allow threads to dry.

NOTICE

Failure to properly clean threads will cause threadlocker, primer, and/or anti-seize to not properly cure!

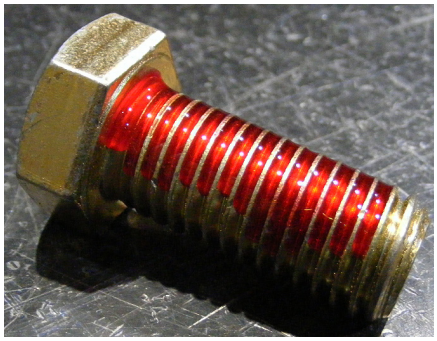
LOC

Threadlocker

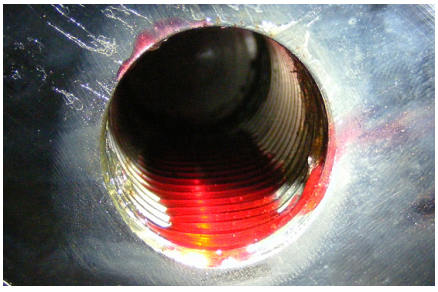
For bolted connections requiring threadlocker, use **Loctite 263** or equivalent applied using the following procedure:

- Clean and degrease all threads.
- For thru holes or nuts, apply threadlocker to bolt threads.
- For blind holes, apply stripe of threadlocker along the length of the hole (applying to the bolt can cause escaping air to remove threadlocker as the bolt is inserted).
- Torque bolt to specified **Wet Torque Value**, see page 50.

Threadlocker



Blind Hole



For threaded hydraulic fitting connections, use **Loctite 5452** or equivalent thread sealant in conjunction with **Loctite 7471** primer using the following procedure:

- Clean and degrease all threads.
- Apply Loctite 7471 primer to both external and internal threads and allow to dry.
- Apply threadlocker to 360 degrees of the threads on the male fitting, ensuring adequate coverage.
- Assemble fitting per directions in operator's manual.
- For O-ring boss and flat face O-ring connections, torque fittings to values specified on page 51.

Hydraulic Fitting



© 2026 Genesis Attachments, LLC

LUB

Anti-Seize

For bolted connections requiring anti-seize lubrication, use **Loctite LB8008** or equivalent using the following procedure:

- Clean and degrease all threads.
- Apply thin coat of anti-seize to internal and external threads and under bolt head and/or nut, ensuring complete coverage.
- Torque bolt to specified **Wet Torque Value**, see page 50.

Anti-Seize



DRY

No Thread Treatment

- Clean and degrease all threads.
- Torque bolt to specified **Dry Torque Value**, see page 50.

© 2026 Genesis Attachments, LLC

BOLT TORQUE SPECIFICATIONS

Dry Torque Values

		Hex/Socket Head		Flat Head	
Fastener Grade	**Size x Pitch**	**Nm**	**Ft-lb**	**Nm**	**Ft-lb**
CL 10.9	M8 x 1.25	35	26	27	20
	M10 x 1.50	71	53	58	42
	M12 x 1.75	124	92	101	73
	M14 x 1.50	200	148	163	118
	M14 x 2.00	200	148	163	118
	M16 x 2.00	311	230	254	184
	M20 x 1.50	610	450	498	360
	M20 x 2.50	608	449	497	359
	M24 x 3.00	1054	778	861	622
	M27 x 3.00	1543	1138	1260	910
	M30 x 3.50	2095	1545	1712	1236
	M36 x 4.00	3659	2699	2991	2159
8	1/4-20	14	11	11	8
	5/16-18	32	24	26	19
	3/8-16	59	44	48	35
	7/16-14	94	70	77	56
	1/2-13	143	106	116	84
	1/2-20	162	120	133	96
	5/8-11	287	212	234	169
	3/4-10	509	376	415	300
	7/8-9	821	606	670	484
	1.00-8	1232	909	1007	727
	1.00-14	1383	1020	1130	816
	1.25-7	2463	1817	2013	1453
8/L9	1.50-6	4287	3162	3504	2529

Wet Torque Values

		Hex/Socket Head		Flat Head	
Fastener Grade	**Size x Pitch**	**Nm**	**Ft-lb**	**Nm**	**Ft-lb**
CL 10.9	M8 x 1.25	29	22	23	17
	M10 x 1.50	61	45	49	36
	M12 x 1.75	105	78	85	62
	M14 x 1.50	150	111	121	88
	M14 x 2.00	170	126	138	100
	M16 x 2.00	265	196	216	156
	M20 x 1.50	456	337	372	269
	M20 x 2.50	517	382	422	305
	M24 x 3.00	894	660	731	528
	M27 x 3.00	1312	968	1072	774
	M30 x 3.50	1779	1312	1453	1049
	M36 x 4.00	3110	2294	2542	1835
8	1/4-20	13	10	11	8
	5/16-18	27	20	22	16
	3/8-16	50	37	40	29
	7/16-14	80	59	65	47
	1/2-13	122	90	99	72
	1/2-20	138	102	112	81
	5/8-11	244	180	199	144
	3/4-10	433	320	354	256
	7/8-9	698	515	570	412
	1.00-8	1046	772	854	617
	1.00-14	1175	867	960	693
	1.25-7	2095	1545	1712	1236
8/L9	1.50-6	3644	2688	2979	2150

© 2026 Genesis Attachments, LLC

O-RING BOSS & FLAT FACE O-RING TORQUE SPECIFICATIONS

O-Ring Boss Torque Values		
Size Dash	**Nm**	**Ft-lb**
-4	22	16
-5	27	20
-6	36	26
-8	83	60
-10	110	80
-12	187	135
-14	249	180
-16	304	220
-20	387	280
-24	498	360

Flat Face O-Ring Torque Values		
Size Dash	**Nm**	**Ft-lb**
-4	18	13
-6	30	22
-8	60	44
-10	85	62
-12	121	88
-14	121	88
-16	160	116
-20	213	154
-24	274	198

© 2026 Genesis Attachments, LLC

BOLT DRIVE SPECIFICATIONS

Thread Size x Pitch	Hex Head 	Socket Head 	Flat Head 
	Wrench/Drive Size		
M8 x 1.25	13mm	6mm	5mm
M10 x 1.50	17mm	8mm	6mm
M12 x 1.75	19mm	10mm	8mm
M14 x 1.50	22mm	12mm	10mm
M14 x 2.00	22mm	12mm	10mm
M16 x 2.00	24mm	14mm	10mm
M20 x 1.50	30mm	17mm	12mm
M20 x 2.50	30mm	17mm	12mm
M24 x 3.00	36mm	19mm	14mm
M27 x 3.00	41mm	19mm	-
M30 x 3.50	46mm	22mm	-
M36 x 4.00	55mm	27mm	-
1/4-20	7/16"	3/16"	5/32"
5/16-18	1/2"	1/4"	3/16"
3/8-16	9/16"	5/16"	7/32"
7/16-14	5/8"	3/8"	1/4"
1/2-13	3/4"	3/8"	5/16"
1/2-20	3/4"	3/8"	5/16"
5/8-11	15/16"	1/2"	3/8"
3/4-10	1-1/8"	5/8"	1/2"
7/8-9	1-5/16"	3/4"	9/16"
1.00-8	1-1/2"	3/4"	5/8"
1.00-14	1-1/2"	3/4"	5/8"
1.25-7	1-7/8"	7/8"	7/8"
1.50-6	2-1/4"	1"	1"

© 2026 Genesis Attachments, LLC

WARRANTY

Claim Procedure

Notify the Genesis Service Department of the potential warranty claim prior to making the repair. Digital pictures are very helpful for diagnosing problems and recommending repairs.

Contact the Genesis Service Department before making alterations, changes or repairs to any component that is going to be considered for warranty. Not doing so will void all Genesis warranty consideration.

The Genesis Service Department will issue an authorization number to track the repair costs, outgoing parts, and/or defective parts returning to the factory.

Replacement parts must be ordered using a purchase order number. Shipping is standard ground. Overnight shipping is available by request, and Genesis will not cover the shipping charge.

When the repair is complete, submit an invoice to the Genesis Service Department within 30 days. Include itemized internal labor reporting, parts lists and invoices for outside contractors. Reference the authorization number on all invoices.

When returning parts for warranty consideration, include a copy of any related Genesis paperwork along with any other necessary documentation to ensure proper processing and credit. The Genesis Service Department will provide the necessary forms.

Your account will be credited when the warranty claim is accepted.

Blade Warranty

Standard warranty on blades will only be considered on the first edge, and wear on the edge must be 1/8” radius or less. Genesis does not warranty cutting blades that are cracked or broken from top to bottom (perpendicular to the long edge of the blade). Genesis also does not cover fasteners, the labor to replace wear components or collateral damage, such as blade seats, from broken blades, the piercing blade tang or adjustment plates.

Please direct any questions to the Genesis Service Department: 715-395-5252

© 2026 Genesis Attachments, LLC

PARTS ORDER POLICY AND PROCEDURE

Parts Orders Should Include

- Purchase order number
- Model and serial number of attachment
- Part number and quantity needed
- Shipping and billing address
- Method of shipment or required delivery date

Placing Orders

Orders may be placed by phone or e-mail. To e-mail an order, use the form on the following page or your purchase order form. Contact information is located at the front of this manual.

Part Numbers

Part numbers are listed in a separate Parts Manual or, if included, the Parts section of this manual. Contact the Genesis Parts Department with questions regarding part numbers, availability and pricing.

Shipping

All orders will be shipped best way surface unless an alternate shipping method is requested. Shipping charges are not included in the purchase price of parts.

Invoices

All invoices are due upon receipt. Any accounts with invoices open beyond 60 days are subject to review and may be placed on C.O.D. status without further notice.

Returns

Many unused Genesis parts may be returned with proper documentation. Return shipping is the responsibility of the purchaser. Credit will be issued upon return, less a 25% restocking fee. Documentation is required for credit of returned parts. Contact the Genesis Service Department at 715-395-5252 for an RGA (Return Goods Authorization) number and form. An RGA must accompany every return. Items shipped without an RGA may be returned to sender.

Warranty Returns

All parts returned to Genesis for warranty consideration must be returned with a completed RGA (Return Goods Authorization) provided by the Genesis Service Department. The form needs to be completed in its entirety, including any additional information requested by the Service Department. Return shipping is the responsibility of the sender and will be credited upon claim approval. A determination to accept or deny the claim will be made based upon the information available to Genesis. Warranty on purchased parts other than wear components is 6 months. Genesis does not cover labor costs to replace purchased parts replaced under warranty. There is no warranty period on wear parts or components.

© 2026 Genesis Attachments, LLC

GENESIS®
The Promise of Performance.

PARTS ORDER FORM

Customer: _____ Date: _____

Phone: _____ Contact: _____

Shipping Address: E-mail: _____

_____ Billing Address:

_____ _____

_____ _____

Purchase Order: _____ Shipping Method: _____

Model: _____ Serial Number: _____

Quantity	Part Number	Description	Price

E-mail to the Genesis Parts Department: genesisparts@genesisattachments.com
For assistance, call 715-395-3488

© 2026 Genesis Attachments, LLC

INDEX

1-1/2” Split Flange Kit 39
1-1/4” Split Flange Kit 39
1101957 Mach Blade Razor 11
1102487 Mach Pin Keeper (Clevis) 17
1102512 Mach Blade 11, 13
1102857 Mach Bolt Socket Head Capscrew 1¼ - 7 x 4½ Custom 13
1104578 Mach Adjust Plate Secondary 11
1104579 Mach Adjust Plate Primary 11
1104648 Blade Shim Set 11
1104962 Adapter 12MB-12MO-90 29
1105722 Mach Blade Guide 11
1105724 Guide Shim Set, Blade Side 11
1105725 Guide Shim Set, Guide Side 11
1105840 Mach Blade Tip Right 13
1105841 Mach Blade Tip Left 13
1105865 Mach Guide Blade Adjust Plate - Blade Side 11
1105867 Mach Guide Blade Adjust Plate - Guide Side 11
1105883 Plt Bolt Cover 21
1105888 Hose 45
1106478 Shim Set, Auto Guide 15
1106672 Wldt Front Cyl Pin 17
1106675 Mach Pin Keeper Rear 17
1106681 Hose 39
1106682 Hose 39
1108494 Hose 29
1108495 Hose 29
1108496 Hose 29
1109386 Mach Thrust Washer 7, 9
1109387 Mach Bearing 9
1109392 Shim Set Thrust Washer 7, 9
1109466 Mach End Cap 7, 9
1109468 Mach Tie Rod Nut 7, 9
1109716 Valve Regen Tray 39
1109847 Mach Bearing 7
1109848 Mach Tie Rod 7
1109849 Mach Bearing Upper Cylinder Connection 17
1109850 Mach Rear Cyl Pin 17
1109851 Plt Cover 19
1109852 Wldt Cover 19
1109858 Regen Tray Upper Bearing 39
1109859 Hose 39
1109860 Hose 39
3101265 Motor Pinion 23
3503422 Hose 27
3503423 Hose 27
3503424 Hose 27
3503740 Hose 27
5500752 Plt Strap 21
5512411 Mach Grease Bulkhead Adaptor 45
5512419 Mach Slewing Ring Grease Adaptor 45
6200002 Grease Fitting 7, 9, 15, 17, 21, 45
6200096 Snap Ring 17
6300014 Diagnostic Nipple 06MB 31
6300018 Adapter 06MB-06MO 27
6300020 Adapter 04MB-06MO 29
6300052 Adapter 12MB - 08MO 29
6300054 Plug Socket Head 08MB 31, 33
6300061 Pilot to Close Check Valve 43
6300075 Plug Socket Head 02MB 43
6300076 Plug Socket Head 04MB 43
6300078 Plug Socket Head 16MB 43
6300088 Diagnostic Nipple 04MP 33
6300102 Adapter 16MB-12MO 29
6300153 Plug Socket Head 06MB 31
6300361 Valve Flow Control 35, 37
6300364 Filter 35, 37
6300365 Diagnostic Nipple 43
6300407 Adapter Tee 06FOX - 06MO - 06MO 27
6300430 Bearing Slewing 23, 25
6300446 Gear Box 25
6300466 Gear Motor 25
6300497 Adaptor Bulkhead 08MB - 08MO 35
6300609 Valve Line Body 35
6300623 Logic Element 43
6300625 Pressure Reducing Valve 43
6300731 Adaptor 02MP-04MO 45
6300903 Plug Pipe Orifice 01MP 1/16-27 NPT 43
6301673 Valve Relief 31
6302658 Valve Line Body 37
6310001 Diagnostic Nipple Dust Cap 31, 33, 43
6310041 Adapter 06MB - 06 MO - 90 27
6310050 Adapter 08MB - 08MO 37
6310082 Adapter 12MB - 08MO - 90 27
6310183 Adapter 08MB - 08MB 37
6310183 Adaptor 08MB - 08MB 35
6310264 Adapter Bulkhead 06MO-06MO-90 29
6310305 Adapter 04MBSPP - 06MFS - 90 27
6360010 Valve Block 33
6360021 Manifold Block 43
6360159 Valve Block 31
6380011 Check Valve 43
6380035 Valve Counterbalance 33
6380210 Motor 23
6390028 Valve Check 31
Assembly Access Covers 5, 18, 19
Assembly Auto Guide 5, 14, 15
Assembly Cylinder B15.0 R9.5 S34.50 39
Assembly Cylinder Pins 5, 16, 17
Assembly Lower Blades 5, 10, 11
Assembly Open and Close Circuit 5, 38, 39
Assembly Pivot Group - Left Side 5, 8, 9
Assembly Pivot Group - Right Side 5, 6, 7
Assembly Rotation 5, 27
Assembly Rotation Circuit 5
Assembly Rotation Circuit - Gear Motor 28, 29
Assembly Rotation Circuit - Twin Motor 26, 27
Assembly Rotation - Gear Motor 24, 25

© 2026 Genesis Attachments, LLC

INDEX

Assembly Rotation - Twin Motor 22, 23, 29
Assembly Slewing Ring Lubrication 5, 44, 45
Assembly Swivel Manifold 5, 39, 40, 41
Assembly Upper Blades 5, 12, 13
Assembly Upper Head 5, 20, 21
Bolt Drive Specifications 52
Bolt Torque Specifications 46, 50
Contact Information 2, 58
Cover 21
F0110020 Hex Head Capscrew M10 x 1.50 x 20 21
F0110030 Hex Head Capscrew M10 x 1.50 x 30 27, 37
F0112030 Hex Head Capscrew M12 x 1.75 x 30 21
F0112050 Hex Head Capscrew M12 x 1.75 x 50 39
F0116045 Hex Head Capscrew M16 x 2.0 x 45 23
F0116050 Hex Head Capscrew M16 x 2.00 x 50 19
F0116060 Hex Head Capscrew M16 x 2.0 x 60 25, 39
F0120265 Hex Head Capscrew M20 x 2.5 x 265 41
F0127040 Hex Head Capscrew M27 x 3.00 x 40 19
F0130130 Hex Head Capscrew M30 x 3.5 x 130 23
F0130150 Hex Head Capscrew M30 x 3.5 x 150 23, 25
F0210200 Hex Head Capscrew 1 - 8 x 2 11
F0210500 Hex Head Capscrew 1.00 x 8 x 5.00 11, 15
F0210600 Hex Head Capscrew 1 - 8 x 6 11
F0210675 Hex Head Capscrew 1.00 x 8 x 6.75 15
F0250150 Hex Head Capscrew ½ - 13 x 1½ 25
F0412030 Flat Head Capscrew M12 x 1.75 x 30 7, 9
F0510550 Flat Head Capscrew 1 - 8 x 5½ 13
F0510600 Flat Head Capscrew 1 - 8 x 6 11
F0510700 Flat Head Capscrew 1 - 8 x 7 13
F0610035 Socket Head Capscrew M10 x 1.50 x 35 45
F0612030 Socket Head Capscrew M12 x 1.75 x 30 7, 9
F0612050 Socket Head Capscrew M12 x 1.75 x 50 7, 9, 39
F0612120 Socket Head Capscrew M12 x 1.75 x 120 39
F0620130 Socket Head Capscrew M20 x 2.50 x 130 17
F0620230 Socket Head Capscrew M20 x 2.50 x 230 17
F0624100 Socket Head Capscrew M24 x 3.00 x 100 7, 9
F0910008 Hex Nut 1 - 8 11, 13
F1020250 Nylock Hex Nut M20 x 2.50 17
F1201021 Flat Washer M10 21
F1300100 Flat Washer Narrow 1” 11, 13, 15
F1900040 Wedge Lock Washer ⅜ 27, 37
F1900050 Wedge Lock Washer ½ 21, 25, 39
F1900063 Wedge Lock Washer ⅝ 19, 23, 25, 39
F1900075 Wedge Lock Washer ¾ 41
F1900113 Wedge Lock Washer 1⅛ 19
F2510100 Set Screw Socket Head 1 - 8 x 1 11
F2803000 Hytorc Reaction Washer M30 23, 25
General Arrangement 4, 5
H0262125 Split Flange Half 1.25 Code 62 39
H0262150 Split Flange Half 1.50 Code 62 39
Hex Head Capscrew 21
Mach Auto Guide 15
Mach Bearing 21
Mach Boom Bearing 21
Mach Lug Upper Head 21
Mach Main Shaft 9
Mach Port Block 39
Mach Spacer Sleeve 21
Mach Sub Head 21
O-Ring 39
O-Ring Boss & Flat Face O-Ring Torque Specifications 51
Parts Order Form 55
Parts Order Policy and Procedure 54
Procedures 48, 49
Regen Block Sub-Assembly - 6360021 42, 43
S0170251 O-Ring 7, 9
S0190222 O-Ring 39
S0190225 O-Ring 39
S0190250 O-Ring (90 Durometer -250) 25
Seal Kit 6300622 42, 43
Seal Kit 6300624 42, 43
Seal Kit 6300633 32, 33
Seal Kit 6300634 34, 35
Seal Kit SK00023 42, 43
Seal Kit SK00024 42, 43
Seal Kit SK00058 30, 32, 33
Seal Kit SK00129 43
Seal Kit SK00375 31
Seal Kit SK6300634 36, 37
Socket Head Capscrew M16 x 2.00 x 110 39
Sub-Assembly Line Mount Manifold - Gear Motor - 6301202 5, 29, 34, 35
Sub-Assembly Line Mount Manifold - Twin Motor - 6302659 5, 27, 36, 37
Sub-Assembly Regen Block 5
Sub-Assembly Rotate Cross-over / C’bal 5, 27, 29
Sub-Assembly Rotate Cross-over / C’bal - Remote 32, 33
Sub-Assembly Rotate Cross-over / C’bal - Twin Motor 30, 31
Table of Contents 3
Thread Treatment Diagram 47
Torque Arm Kit 41
Valve Counterbalance 31
Valve Regen 39
Valve Relief 33
Warranty 53
Washer 21
Wldt Pin 21
Wtmg Lug Upper Head 5
Wtmg Stick 5
Wtmg Upper 5

© 2026 Genesis Attachments, LLC

GENESIS®
The Promise of Performance.

CONTACT INFORMATION

Genesis Attachments

1000 Genesis Drive
Superior, WI 54880 USA

Toll Free: 888-SHEAR-IT
(888-743-2748)

Phone: 715.395.5252

E-mail:
info@genesisattachments.com

Europe/Africa/Middle East
Genesis GmbH

Teramostrasse 23
87700 Memmingen, Germany

Phone: +49 83 31 9 25 98 0
Fax: +49 83 31 9 25 98 80
genesis-europe.com

E-mail:
info@genesis-europe.com

Asia Pacific Representative Office

24 Upper Serangoon View #12-28
Singapore 534205

Phone: +65 9673 9730

E-mail:
tchoo@genesisattachments.com

Central America & Colombia

Cra 13A #89-38 / Ofi 613
Bogota, Colombia

Phone: +57 1 610 8160 / 795 8747

E-mail:
contact@themsagroup.com

View and download all manuals: genesisattachments.com/manuals
Patents: genesisattachments.com/products/patents

Rev. 10-29-26

An NPK Company