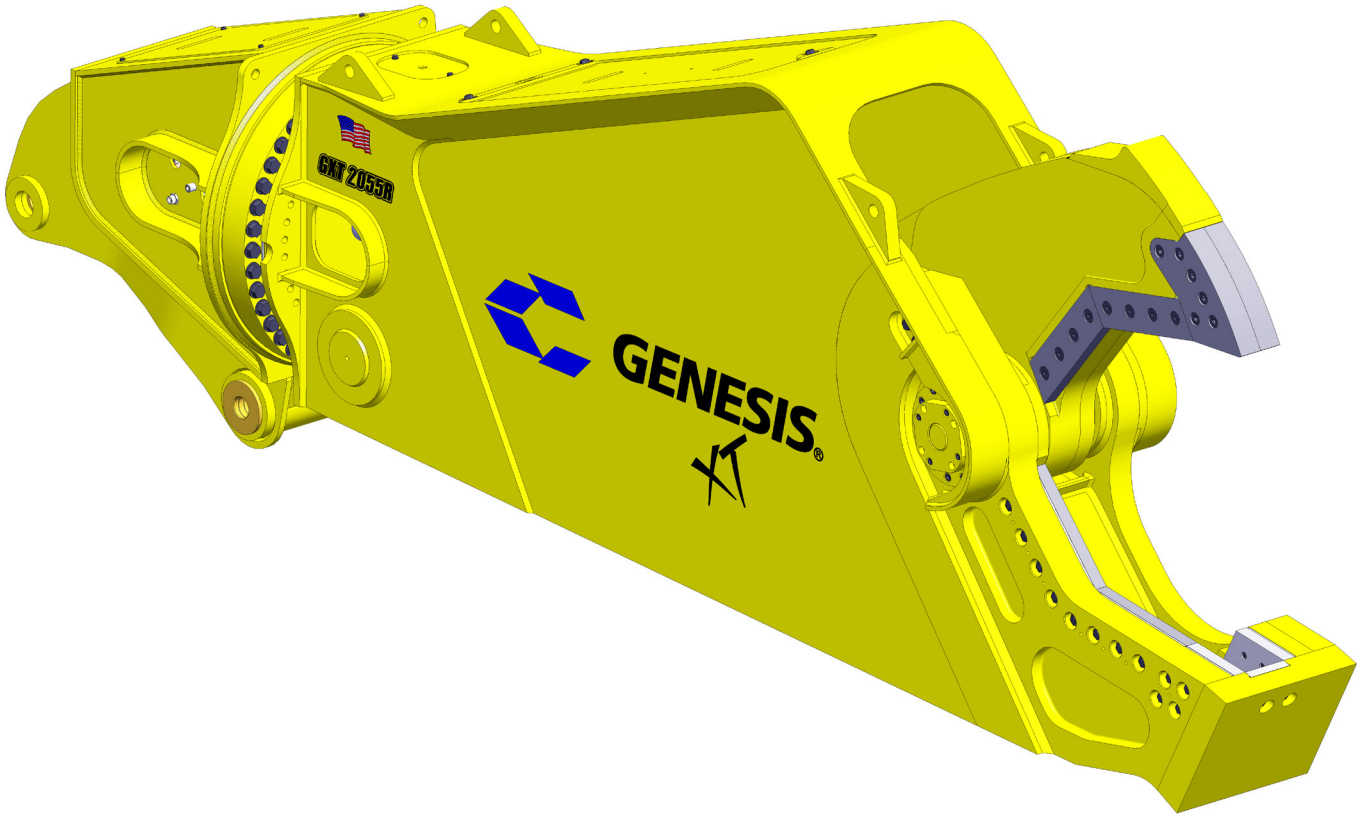
GENESIS®
The Promise of Performance.

GXT 2055R Mobile Shear

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

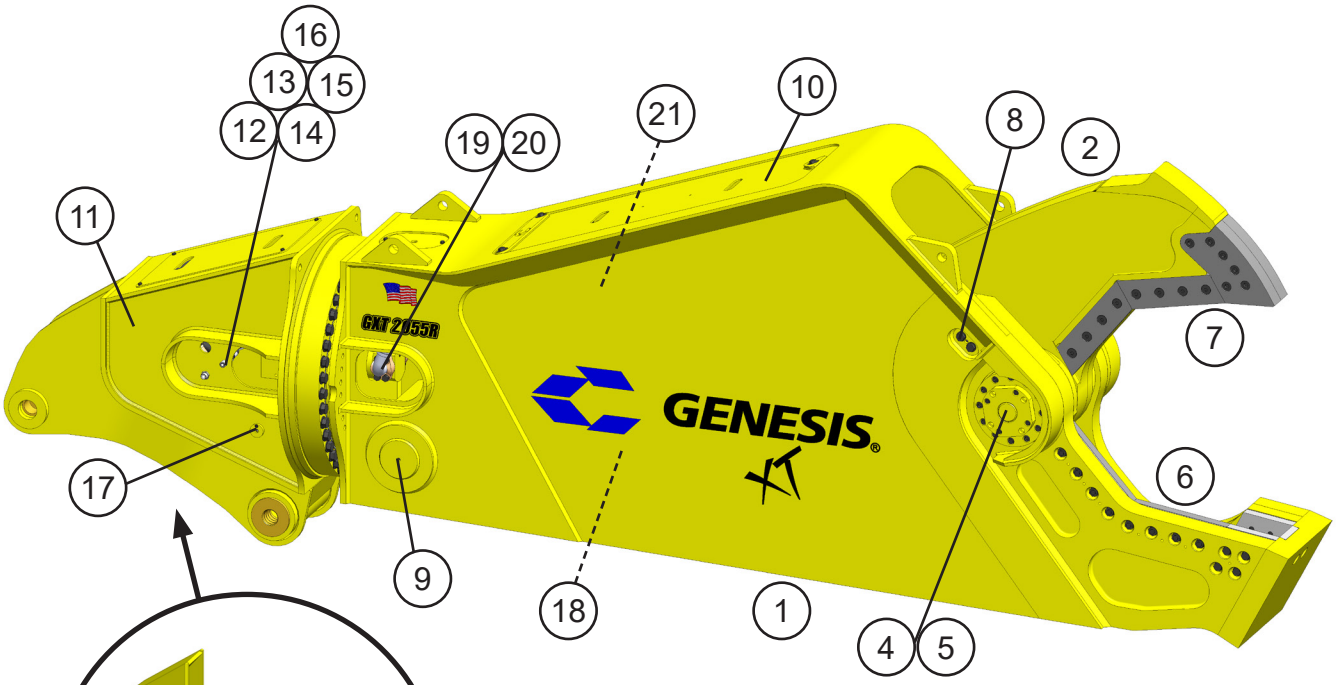
© 2026 Genesis Attachments, LLC

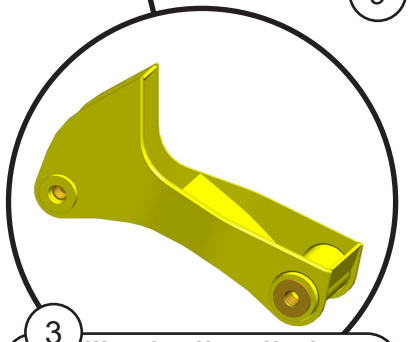
TABLE OF CONTENTS

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 - PISTON MOTOR 22
ASSEMBLY ROTATION - MOTOR AND VALVE DRAIN LINES 24
SN 20551001 - 1006 24
SN 20551007+ 26
ASSEMBLY ROTATION - VALVE TO VALVE PLUMBING 28
SN 20551001 - 1006 28
SN 20551007+ 30
ASSEMBLY ROTATION - MOTOR MANIFOLD 32
ASSEMBLY LINE MOUNT MANIFOLD 34
ASSEMBLY ROTATION - GREASE SYSTEM PLUMBING 36
ASSEMBLY OPEN AND CLOSE CIRCUIT 38
ASSEMBLY PORT BLOCK 40
ASSEMBLY SWIVEL MANIFOLD 42
REGEN BLOCK SUB-ASSEMBLY 44
ASSEMBLY SWIVEL MANIFOLD CONFIGURATIONS 46
BOLT TORQUE SPECIFICATIONS 47
THREAD TREATMENT DIAGRAM 48
Mobile Shears 48
PROCEDURES 49
Cleaning 49
Threadlocker 49
Anti-Seize 50
No Thread Treatment 50
BOLT TORQUE SPECIFICATIONS 51
Dry Torque Values 51
Wet Torque Values 51
O-RING BOSS & FLAT FACE O-RING TORQUE SPECIFICATIONS 52
BOLT DRIVE SPECIFICATIONS 53
WARRANTY 54
Claim Procedure 54
Blade Warranty 54
PARTS ORDER POLICY AND PROCEDURE 55
Parts Orders Should Include 55
Placing Orders 55
Part Numbers 55
Shipping 55
Invoices 55
Returns 55
Warranty Returns 55
PARTS ORDER FORM 56
INDEX 57
CONTACT INFORMATION 59

© 2026 Genesis Attachments, LLC

GENERAL ARRANGEMENT

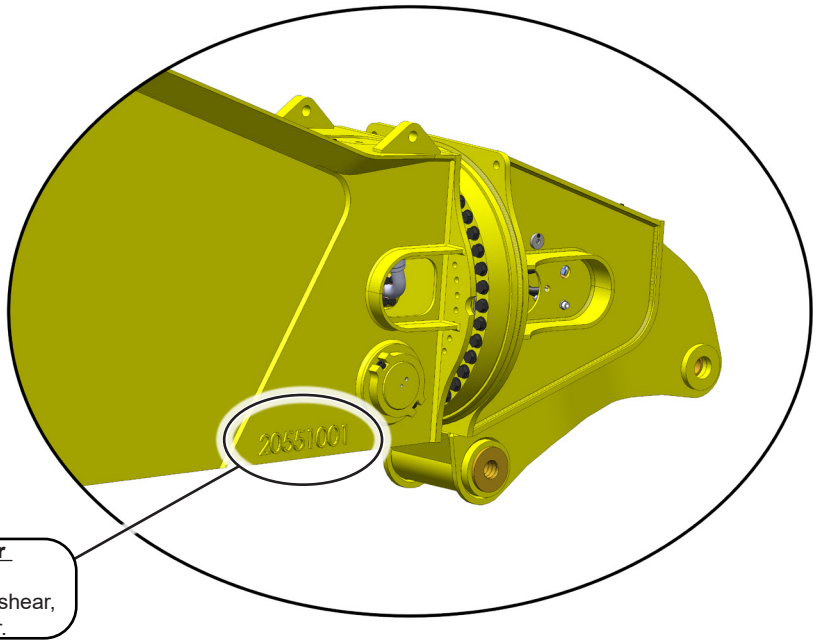




3 **Wtmg Lug Upper Head**

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	1107118	Wtmg Stick
2	1	1107125	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	Assembly Rotation - Piston Motor
13		See page 24	Assembly Rotation - Motor and Valve Drain Lines
14		See page 28	Assembly Rotation - Valve to Valve Plumbing
15		See page 32	Assembly Rotation - Motor Manifold
16		See page 34	Assembly Line Mount Manifold
17		See page 36	Assembly Rotation - Grease System Plumbling
18		See page 38	Assembly Open and Close Circuit
19		See page 40	Assembly Port Block
20		See page 42	Assembly Swivel Manifold
21		See page 44	Regen Block Sub-Assembly

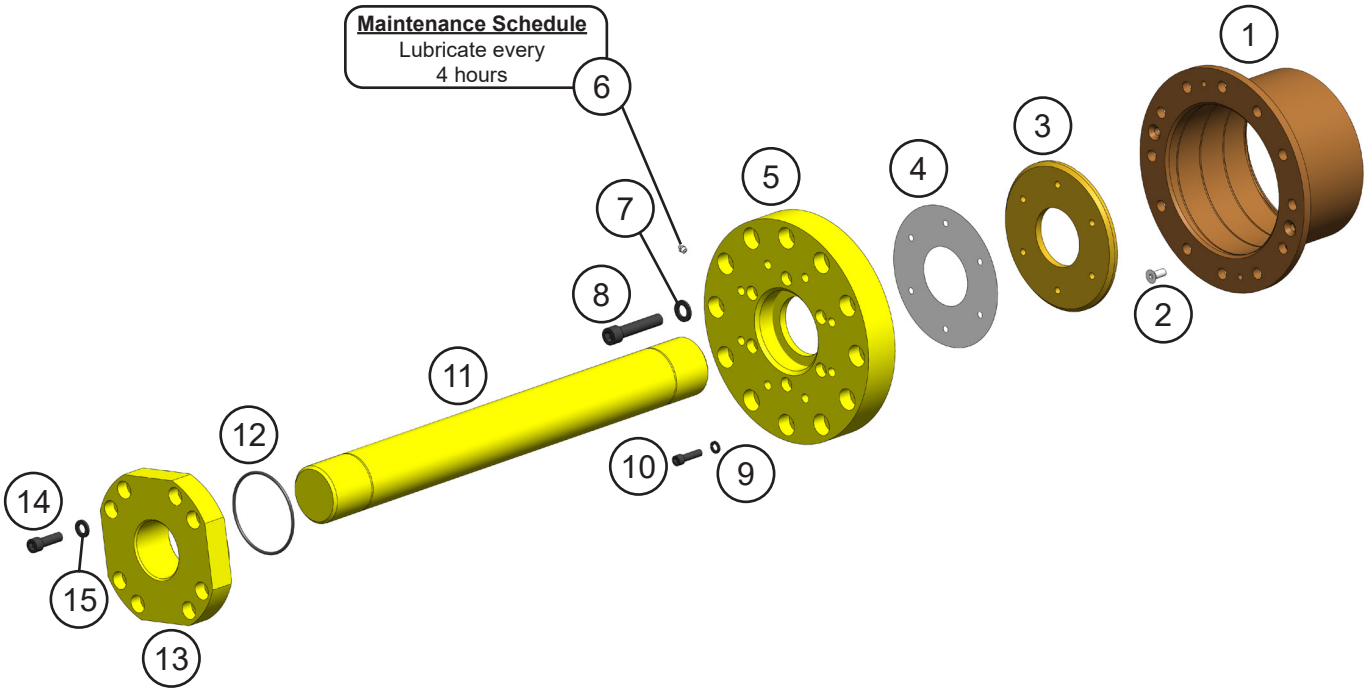
* Part number is Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98

© 2026 Genesis Attachments, LLC

ASSEMBLY PIVOT GROUP - RIGHT SIDE



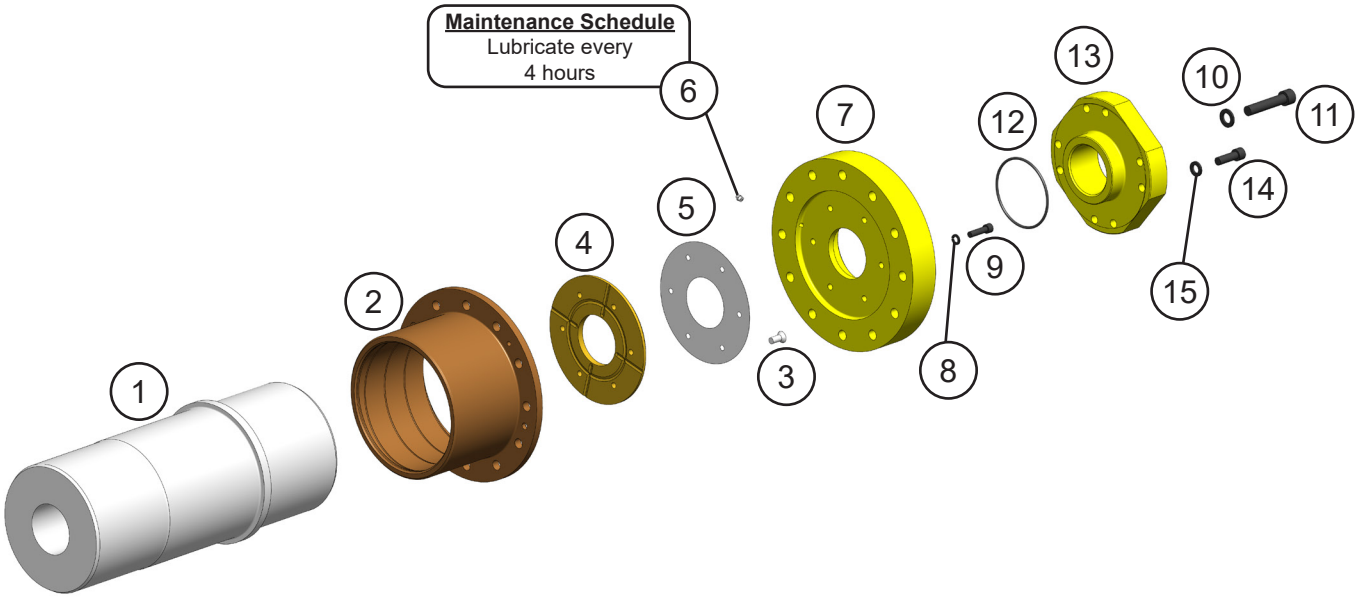
© 2026 Genesis Attachments, LLC

ASSEMBLY PIVOT GROUP - RIGHT SIDE

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1107126	Mach Bearing
2	2	F0412030	Flat Head Capscrew M12 x 1.75 x 30
3	1	1107128	Mach Thrust Washer
4	1	1107132	Shim Set Thrust Washer
5	1	1107129	Mach End Cap
6	1	6200002	Grease Fitting
7	12	F1202037	Flat Washer M20
8	12	F0620100	Socket Head Capscrew M20 x 2.50 x 100
9	6	F1201224	Flat Washer M12
10	6	F0612045	Socket Head Capscrew M12 x 1.75 x 45
11	1	1107130	Mach Tie Rod
12	1	S0190357	O-Ring
13	1	1107131	Mach Tie Rod Nut
14	4	F0616050	Socket Head Capscrew M16 x 2.00 x 50
15	4	F1201630	Flat Washer M16

© 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	1107126	Mach Bearing
3	2	F0412030	Flat Head Capscrew M12 x 1.75 x 30
4	1	1107128	Mach Thrust Washer
5	1	1107132	Shim Set Thrust Washer
6	1	6200002	Grease Fitting
7	1	1107129	Mach End Cap
8	6	F1201224	Flat Washer M12
9	6	F0612045	Socket Head Capscrew M12 x 1.75 x 45
10	12	F1202037	Flat Washer M20
11	12	F0620100	Socket Head Capscrew M20 x 2.50 x 100
12	1	S0190357	O-Ring
13	1	1107131	Mach Tie Rod Nut
14	4	F0616050	Socket Head Capscrew M16 x 2.00 x 50
15	4	F1201630	Flat Washer M16

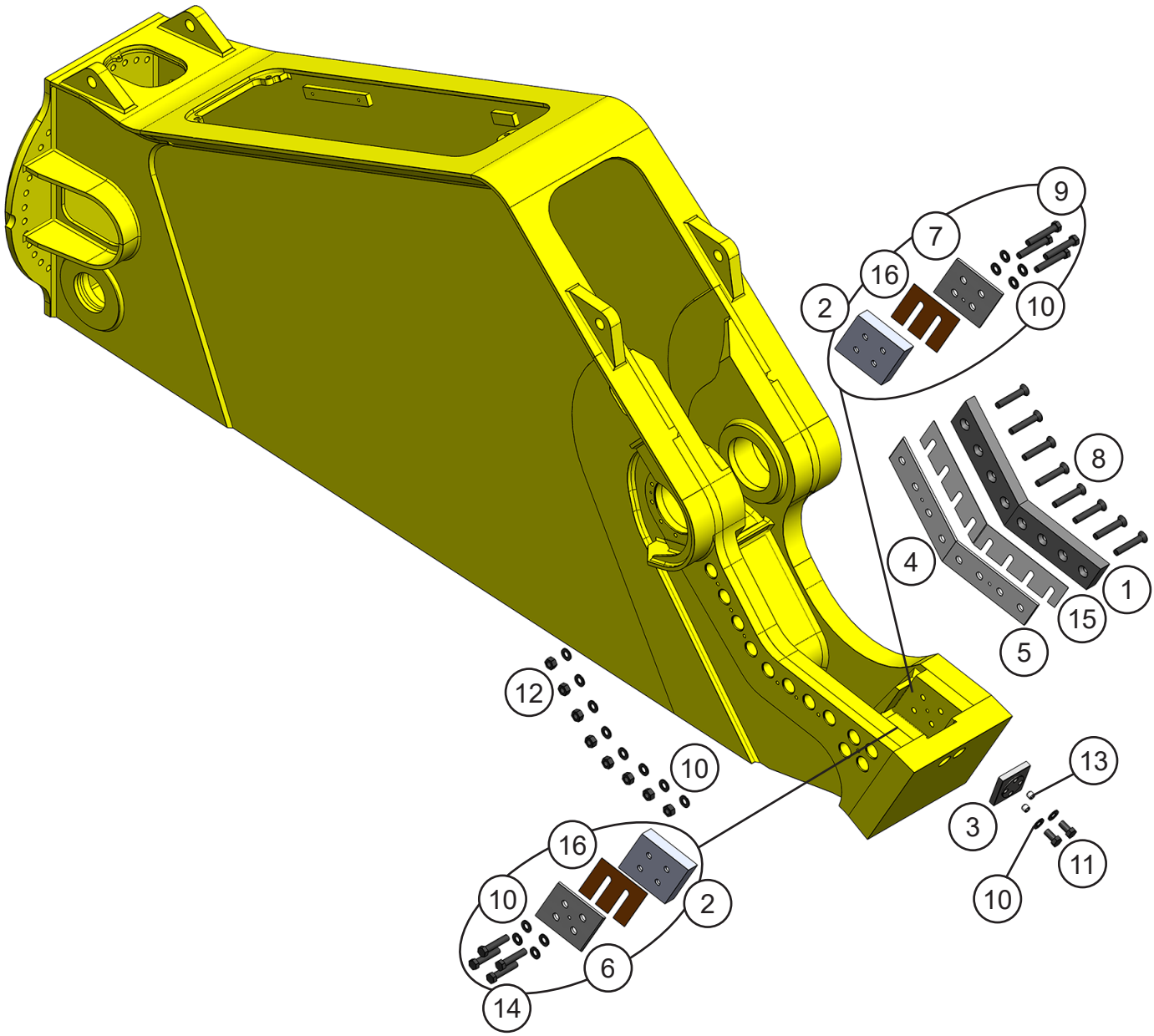
* Part number is Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98

© 2026 Genesis Attachments, LLC

ASSEMBLY LOWER BLADES



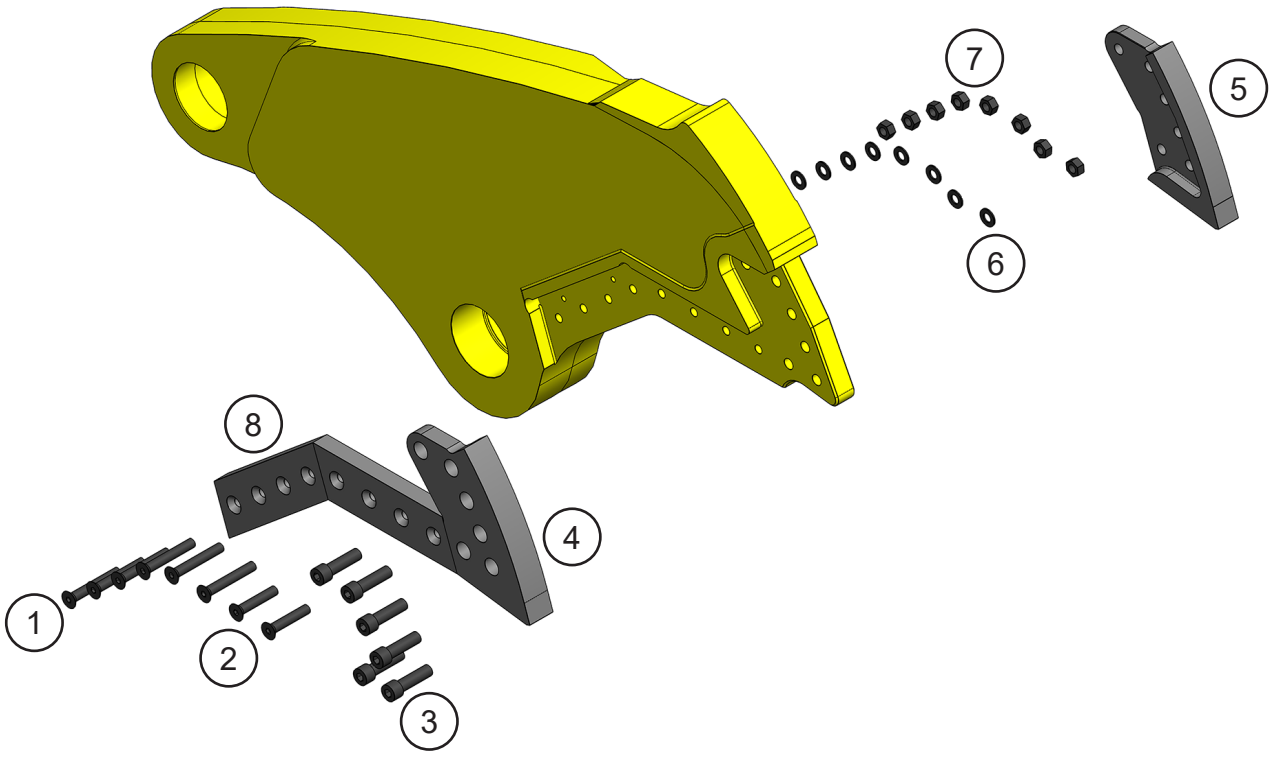
© 2026 Genesis Attachments, LLC

ASSEMBLY LOWER BLADES

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1103117	Mach Blade
2	2	1105609	Mach Guide Blade
3	1	1107139	Mach Blade Razor
4	1	1109658	Mach Adj Plate Primary
5	1	1107959	Mach Adj Plate Secondary
6	1	1105610	Mach Adj Plate Guide Blade
7	1	1105611	Mach Adj Plate Guide Blade
8	8	F0510700	Flat Head Capscrew 1-8x7
9	4	F0210700	Hex Head Capscrew 1-8x7
10	18	F1300100	Flat Washer 1"
11	2	F0210200	Hex Head Capscrew 1-8x2
12	8	F0910008	Hex Nut 1-8
13	2	F2510100	Set Screw Socket Head 1-8x1
14	4	F0210575	Hex Head Capscrew 1-8x5.75
15		1107961	Shim Set Long Blade
16		1105614	Shim Set Guide Blade

© 2026 Genesis Attachments, LLC

ASSEMBLY UPPER BLADES



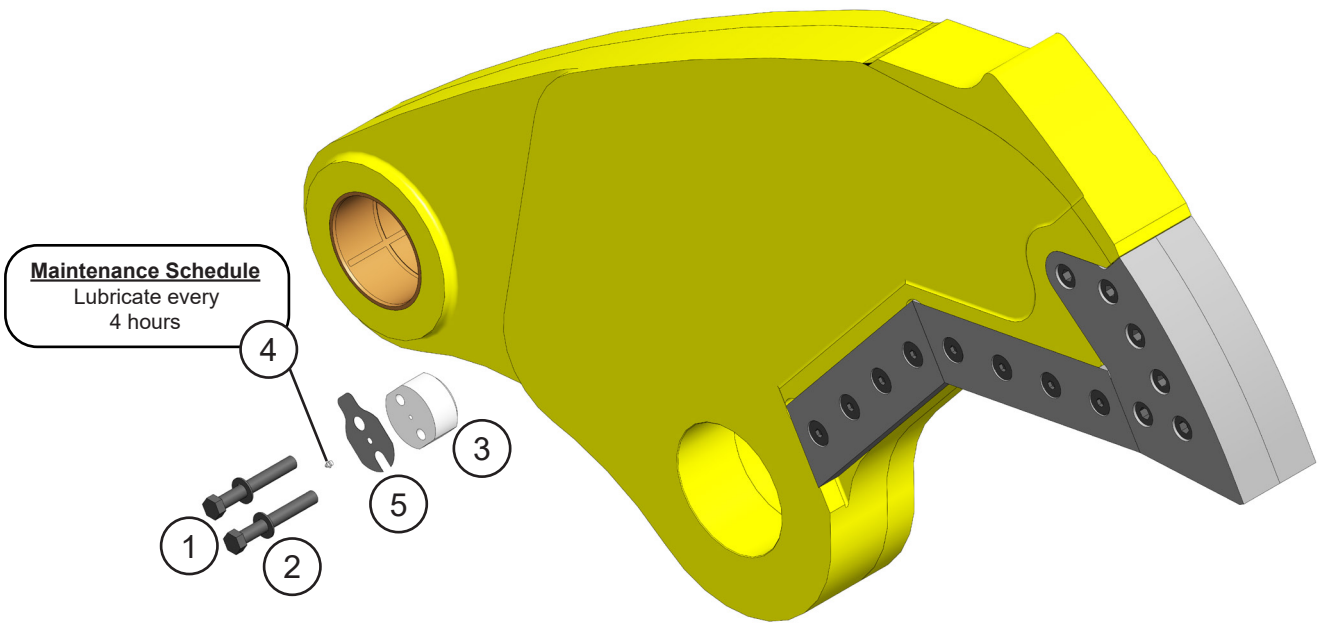
© 2026 Genesis Attachments, LLC

ASSEMBLY UPPER BLADES

ITEM	QTY	PART NUMBER	DESCRIPTION
1	6	F0510800	Flat Head Capscrew 1-8x8
2	2	F0510650	Flat Head Capscrew 1-8x6½
3	6	1107201	Mach Bolt Socket Head Capscrew 1¼ - 7 x 5⅝ Custom
4	1	1107149	Mach Blade Tip Right
5	1	1107150	Mach Blade Tip Left
6	8	F1300100	Flat Washer 1"
7	8	F0910008	Hex Nut 1-8
8	2	1103117	Mach Blade

© 2026 Genesis Attachments, LLC

ASSEMBLY AUTO GUIDE



© 2026 Genesis Attachments, LLC

ASSEMBLY AUTO GUIDE

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	F0210700	Hex Head Capscrew 1 - 8 x 7
2	2	F1300100	Flat Washer Narrow 1”
3	1	*	Mach Auto Guide
4	1	6200002	Grease Fitting
5		1106478	Shim Set, Auto Guide

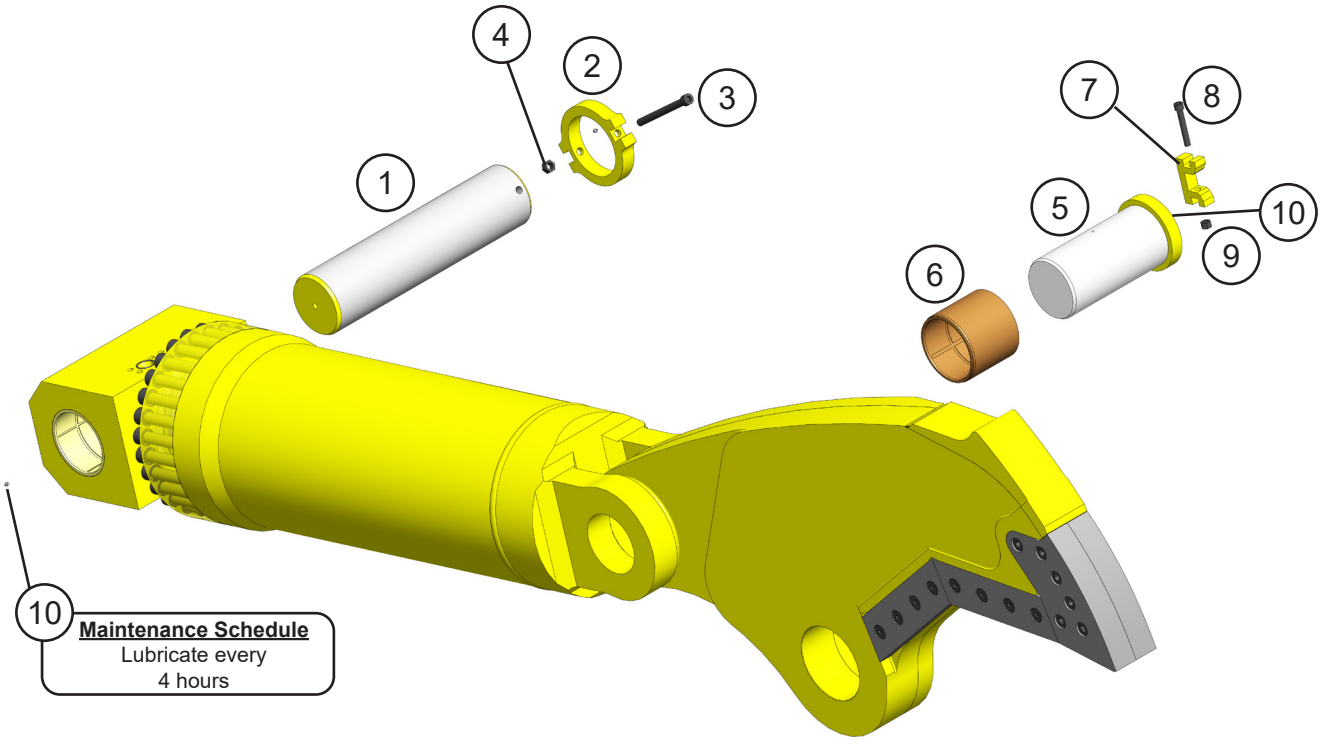
* Part number is Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98

© 2026 Genesis Attachments, LLC

ASSEMBLY CYLINDER PINS



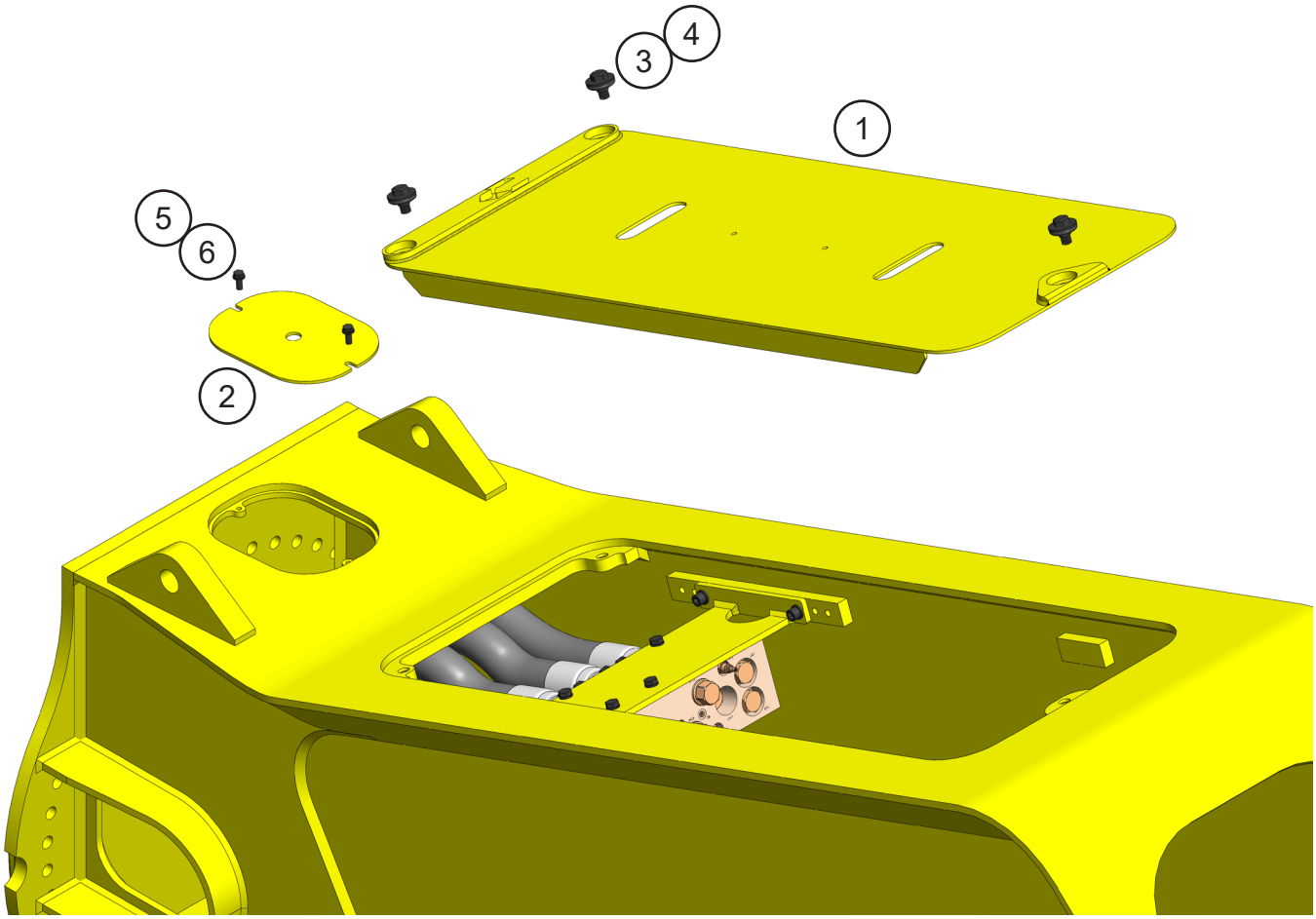
© 2026 Genesis Attachments, LLC

ASSEMBLY CYLINDER PINS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1107161	Mach Pin Rear
2	1	1104088	Mach Pin Keeper
3	1	F0624280	Socket Head Capscrew M24 x 3.00 x 280
4	1	F1024300	Nylock Hex Nut M24 x 3.00
5	1	1107158	Wldt Front Cylinder Pin
6	1	1107165	Mach Bearing Upper Cylinder
7	1	1102487	Mach Pin Keeper
8	1	F0620130	Socket Head Capscrew M20 x 2.50 x 130
9	1	F1020250	Nylock Nut M20 x 2.50
10	2	6200002	Grease Fitting

© 2026 Genesis Attachments, LLC

ASSEMBLY ACCESS COVERS



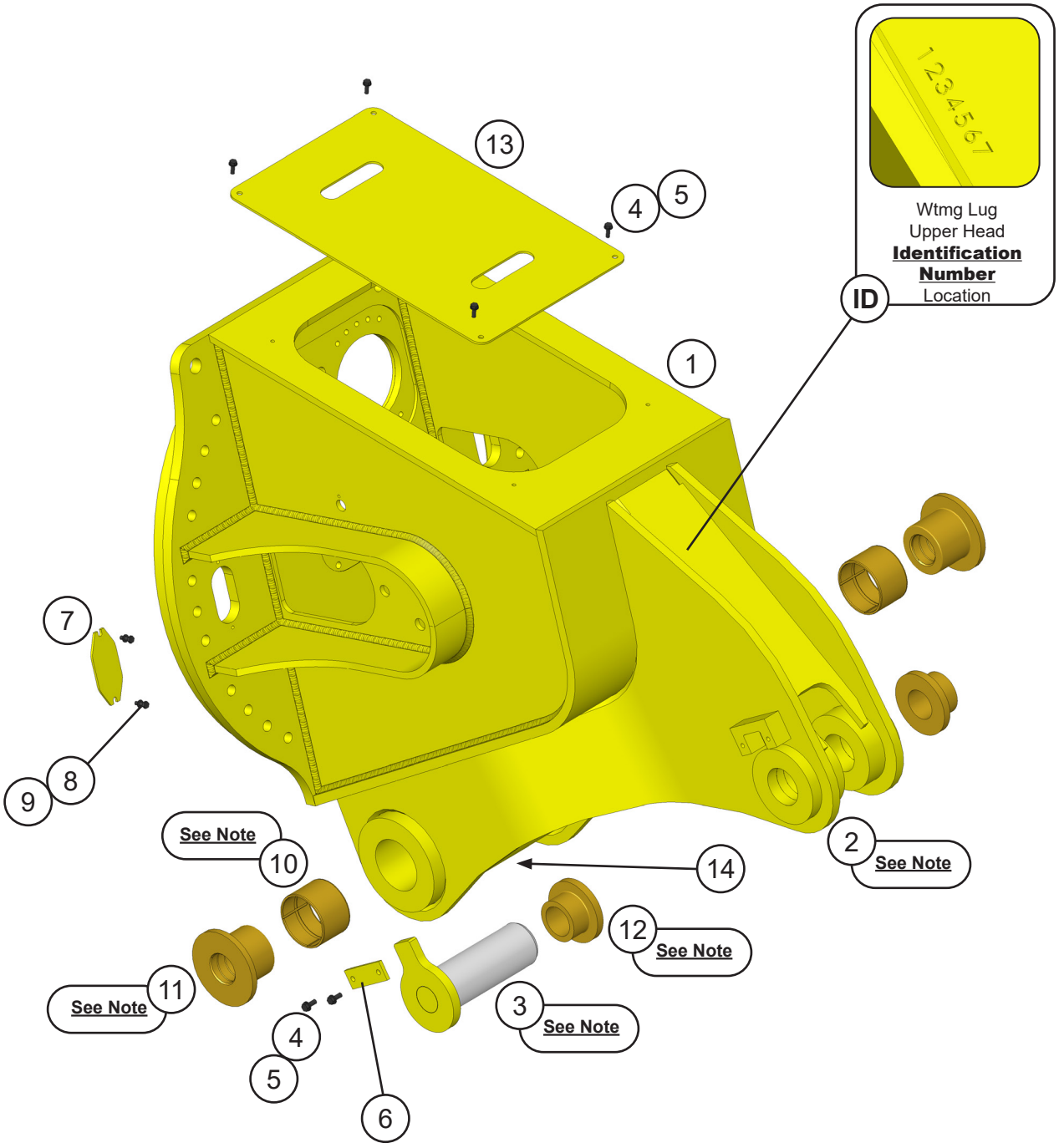
© 2026 Genesis Attachments, LLC

ASSEMBLY ACCESS COVERS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	1108426	Wldt Cover
2	1	1107838	Plt Rear Cover
3	3	1105854	Mach Shoulder Bolt
4	3	6301112	O-Ring
5	2	F0112030	Hex Head Capscrew M12 x 1.75 x 30
6	2	F1201224	Flat Washer M12

© 2026 Genesis Attachments, LLC

ASSEMBLY UPPER HEAD



© 2026 Genesis Attachments, LLC

ASSEMBLY UPPER HEAD

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	5514355	Wtmg Sub Head
2	1	*	Wtmg Lug Upper Head
3	1	*	Wldt Pin
4	6	F0112030	Hex Head Capscrew M12 x 1.75 x 30
5	6	F1201224	Flat Washer M12
6	1	5500752	Plt Strap
7	2	5518785	Plt Bolt Cover
8	4	F0110030	Hex Head Capscrew M10 x 1.50 x 30
9	4	F1201021	Flat Washer M10
10	2	*	Mach Bearing
11	2	*	Mach Boom Bearing
12	2	*	Mach Spacer Sleeve
13	1	1107293	Mach Sub Head Cover
14	2	6200002	Grease Fitting

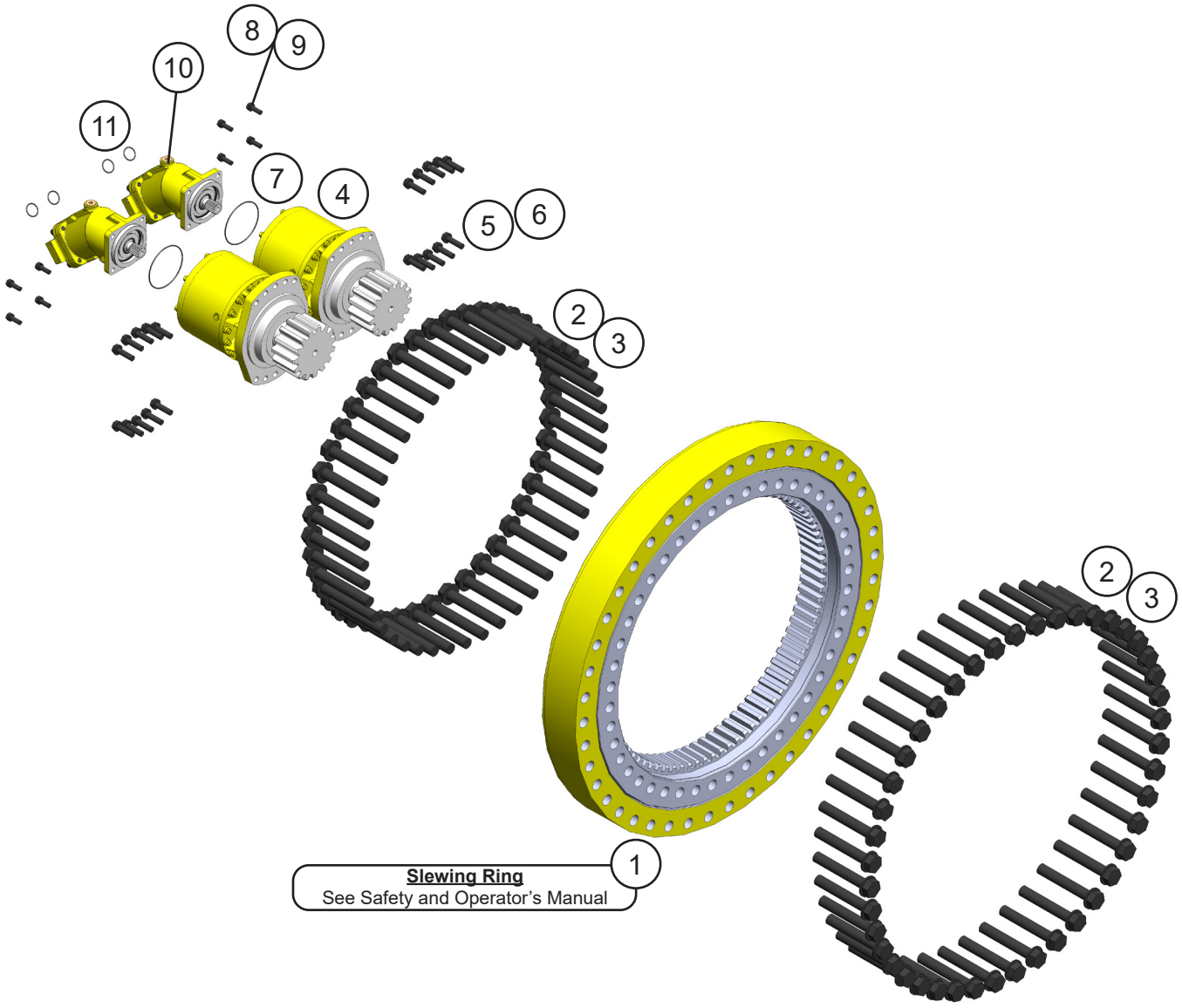
* Part numbers are Serial Number specific. For replacement parts call the Genesis Parts Department.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - PISTON MOTOR



© 2026 Genesis Attachments, LLC

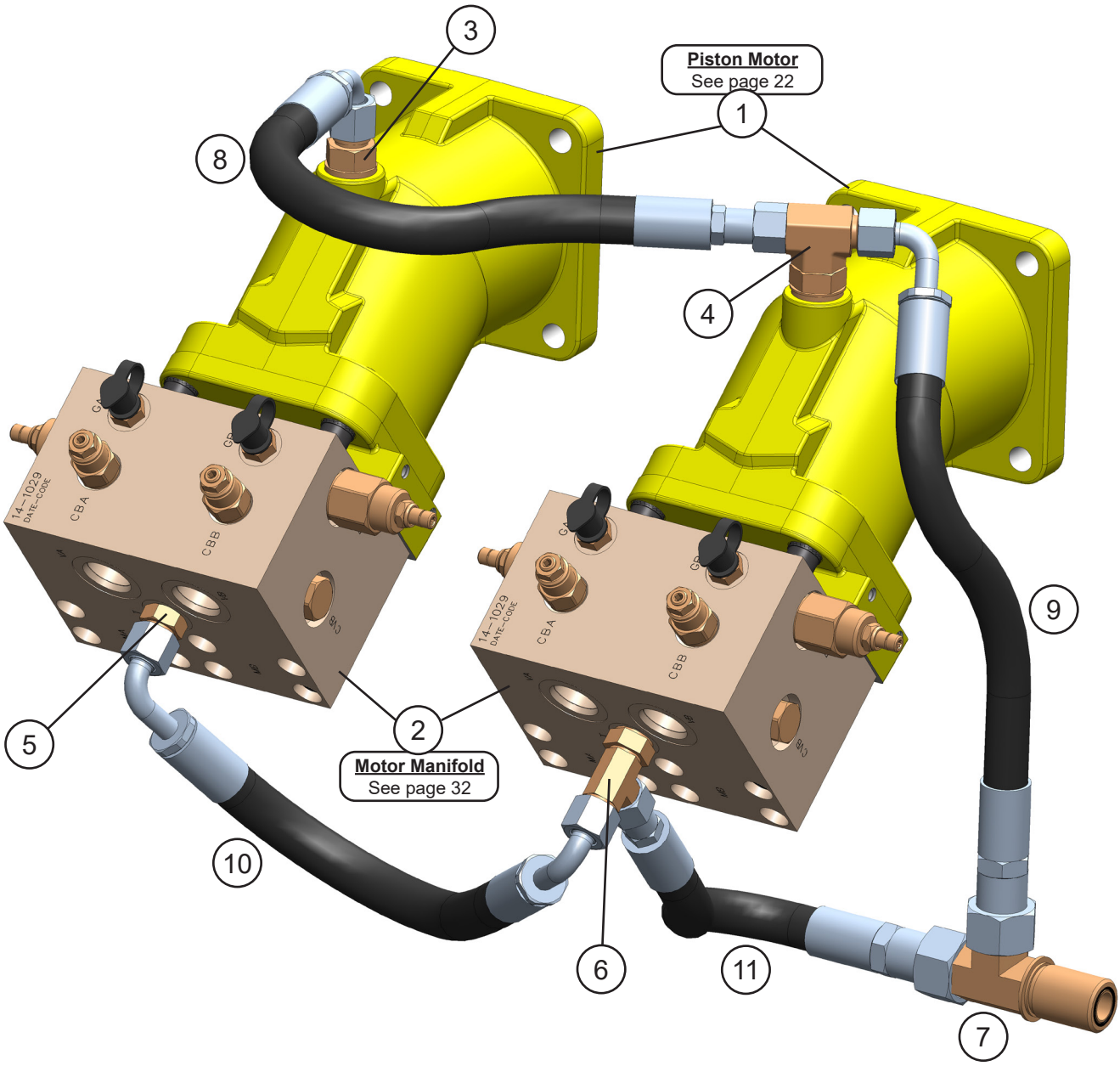
ASSEMBLY ROTATION - PISTON MOTOR

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	6301199	Bearing Slewing
2	88	F0213750	Hex Head Capscrew 1¼ - 7 x 7½
3	88	F2803300	Hytorc Washer
4	2	6300446	Gearbox
5	20	F0116060	Hex Head Capscrew M16 x 2.00 x 60
6	20	F1900063	Washer Nord-Lock ⅝ and M16 Steel
7	2	S0190250	O-Ring
8	8	F0250150	Hex Head Capscrew ½ - 13 x 1½
9	8	F1900050	Washer Nord-Lock ½ and M12 Steel
10	2	6360025	Piston Motor
11	4	S0190219	O-Ring

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - MOTOR AND VALVE DRAIN LINES

SN 20551001 - 1006



© 2026 Genesis Attachments, LLC

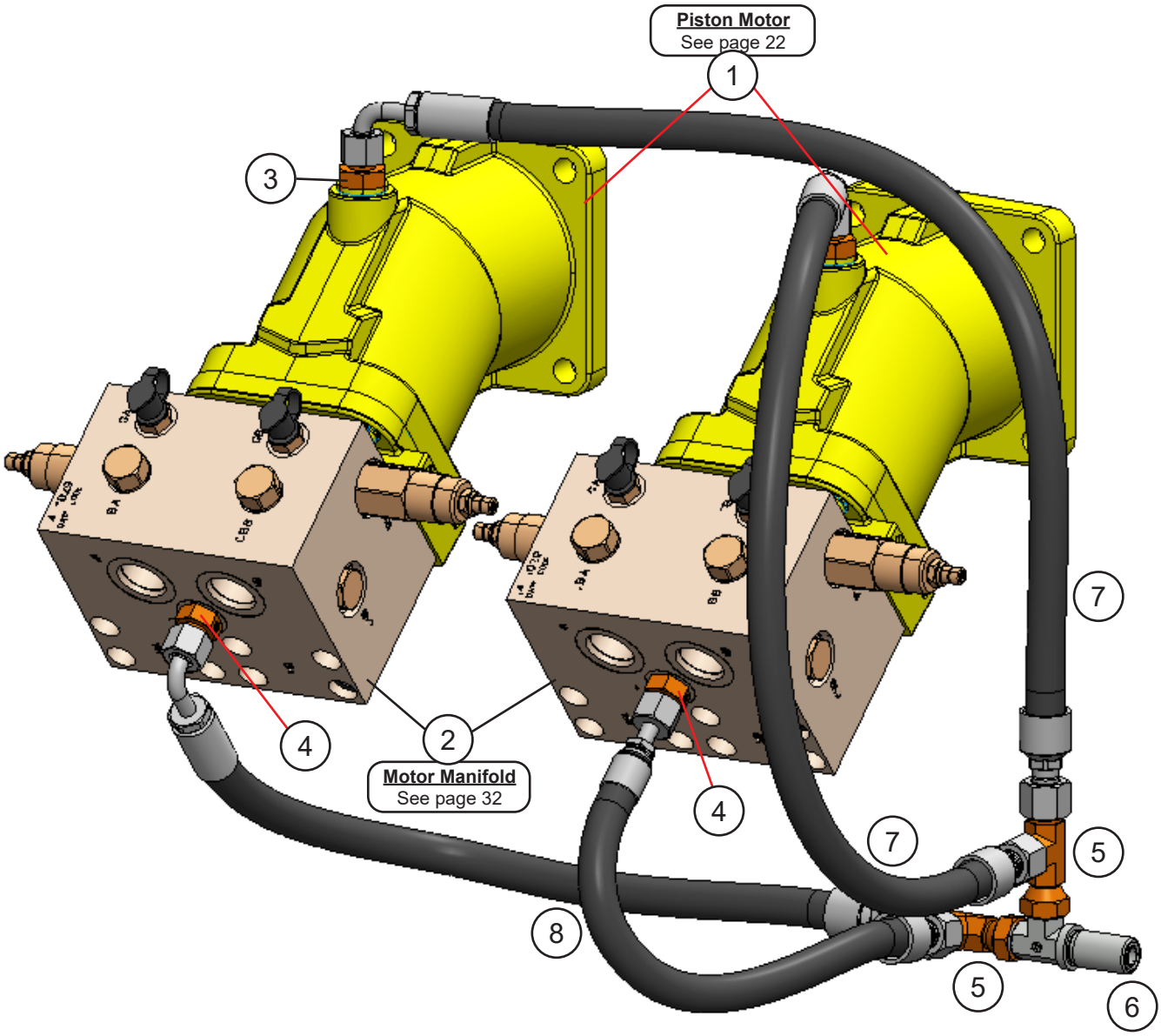
ASSEMBLY ROTATION - MOTOR AND VALVE DRAIN LINES

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	See page 22	Piston Motor
2	2	See page 32	Motor Manifold
3	1	6310059	Adaptor 10MB-08MO
4	1	6310188	Adaptor Run Tee 08MFS-10MORB-08MFS
5	2	6300017	Adaptor 08MB-08MO
6	1	6300406	Adaptor Run Tee 08F0X-08MO-08MO
7	1	6310185	Adaptor Run Tee 12MFS-12MFS-12MFS BLKHD
8	1	1107299	Hose
9	1	1107300	Hose
10	1	1107297	Hose
11	1	1107298	Hose

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - MOTOR AND VALVE DRAIN LINES

SN 20551007+



© 2026 Genesis Attachments, LLC

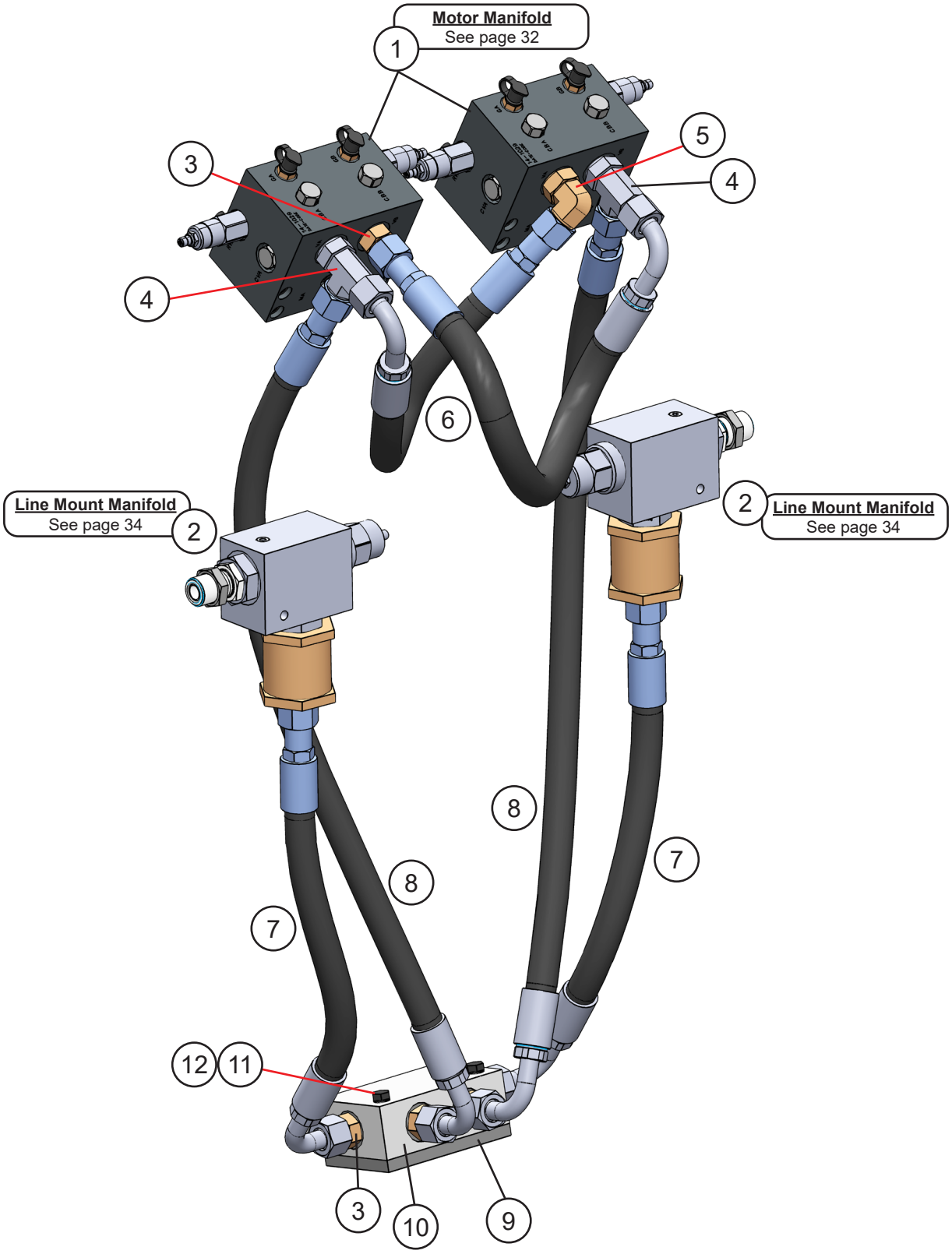
ASSEMBLY ROTATION - MOTOR AND VALVE DRAIN LINES

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	See page 22	Piston Motor
2	2	See page 32	Motor Manifold
3	2	6310093	Adapter 10MB-06MO
4	2	6300049	Adapter 08MB-06MO
5	2	6300406	Adapter Run Tee 08FOX-08MO-08MO
6	1	6310409	Adapter Run Tee 08F0X-08MFS-08MFS
7	2	1109935	Hose
8	2	1109936	Hose

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - VALVE TO VALVE PLUMBING

SN 20551001 - 1006



© 2026 Genesis Attachments, LLC

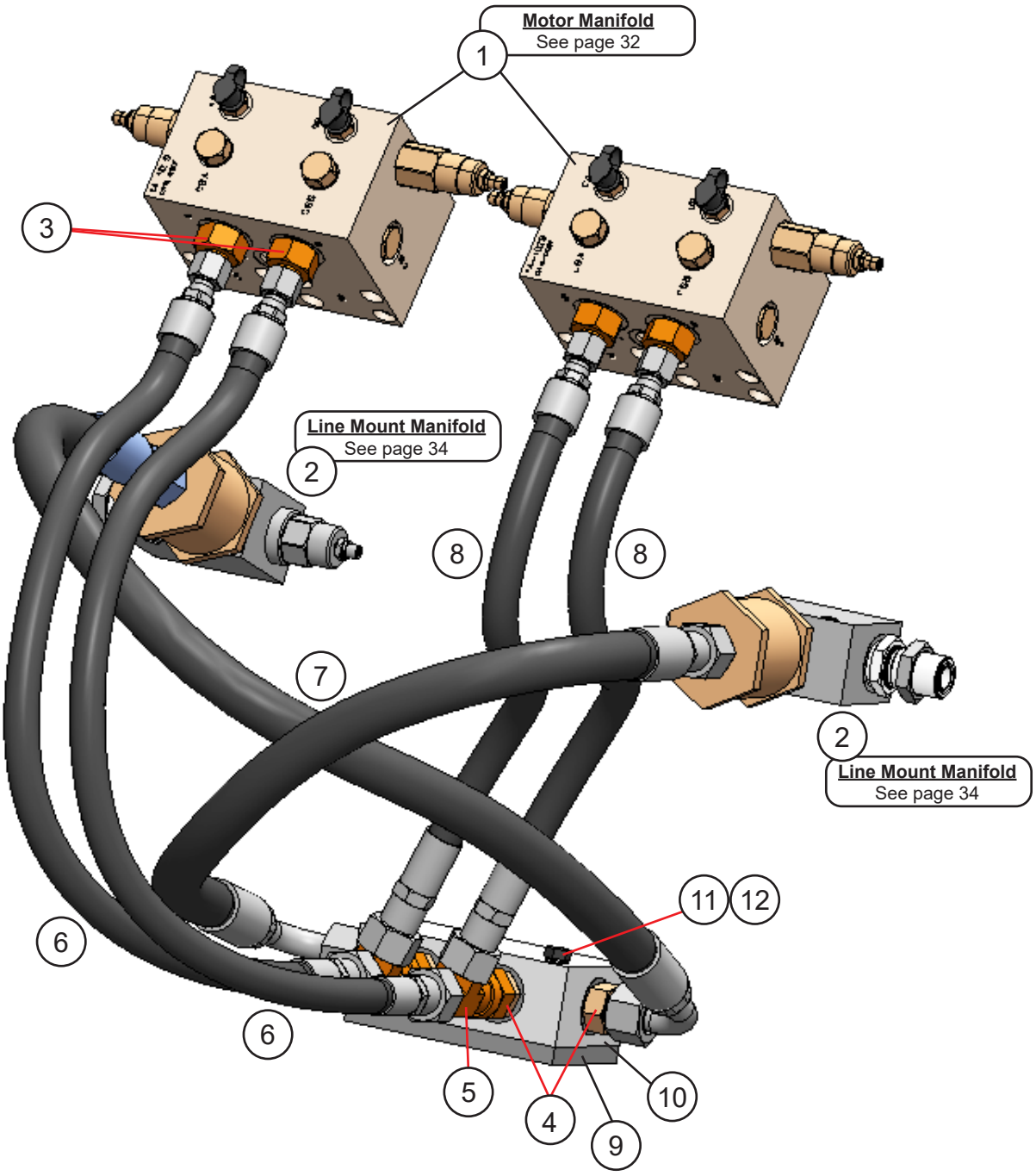
ASSEMBLY ROTATION - VALVE TO VALVE PLUMBING

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	See page 32	Motor Manifold
2	2	See page 34	Line Mount Manifold
3	5	6300441	Adapter 12MB-12MO
4	2	6310184	Adapter Run Tee 12MFS-12MORB-12MFS
5	1	6310036	Adapter 12MB-12MO-90
6	2	1107296	Hose
7	2	1108967	Hose
8	2	1108968	Hose
9	1	1108954	Mach Mounting Plate
10	1	6360100	Counterbalance Valve Assembly
11	2	F0110070	Hex Head Capscrew M10 x 1.5
12	2	F1900040	Washer Nord-Lock M10 Steel

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - VALVE TO VALVE PLUMBING

SN 20551007+



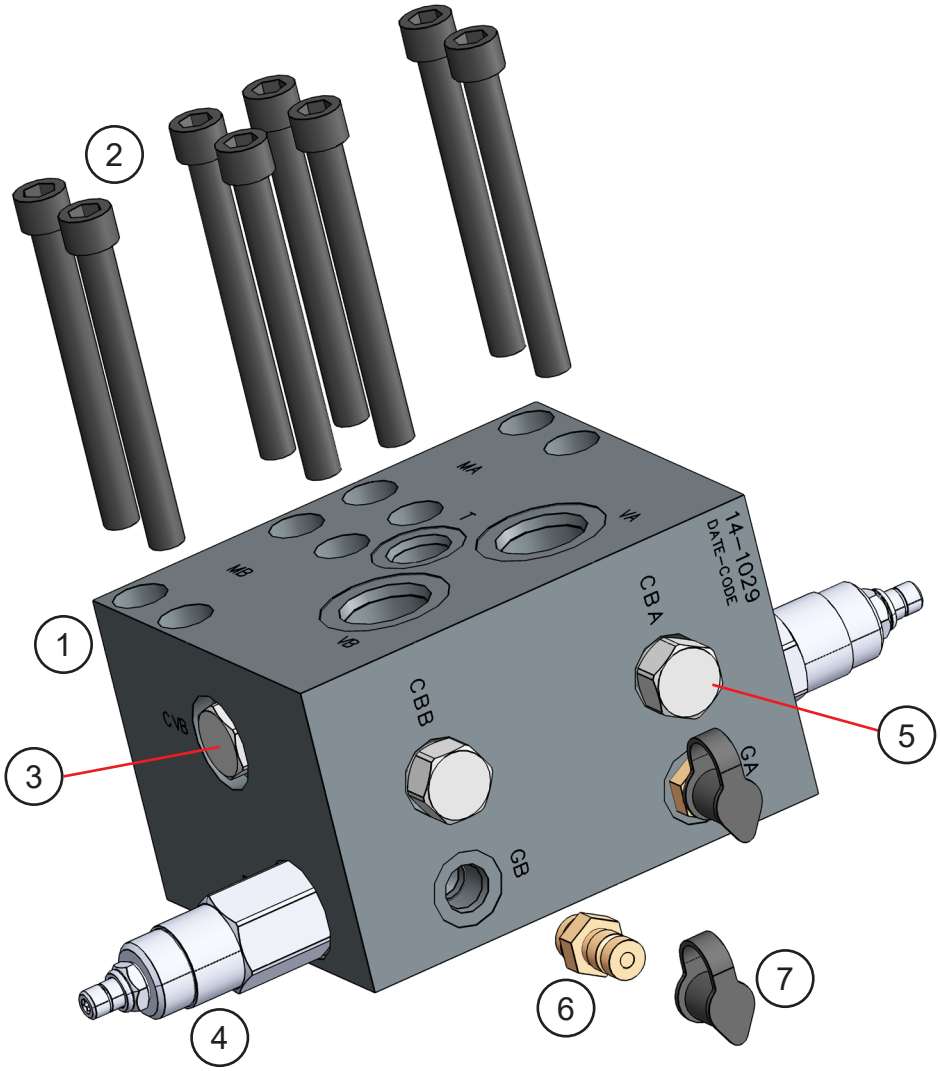
© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - VALVE TO VALVE PLUMBING

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	See page 32	Motor Manifold
2	2	See page 34	Line Mount Manifold
3	4	6300052	Adapter 12MB-08MO
4	4	6300441	Adapter 12MB-12MO
5	2	6310092	Adapter Run Tee 12FOX-12MO-12MO
6	2	1109933	Hose
7	2	1108967	Hose
8	2	1109934	Hose
9	1	1108954	Mach Mounting Plate
10	1	6360100	Counterbalance Valve Assembly
11	2	F0110070	Hex Head Capscrew M10 x 1.5
12	2	F1900040	Washer Nord-Lock M10 Steel

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - MOTOR MANIFOLD



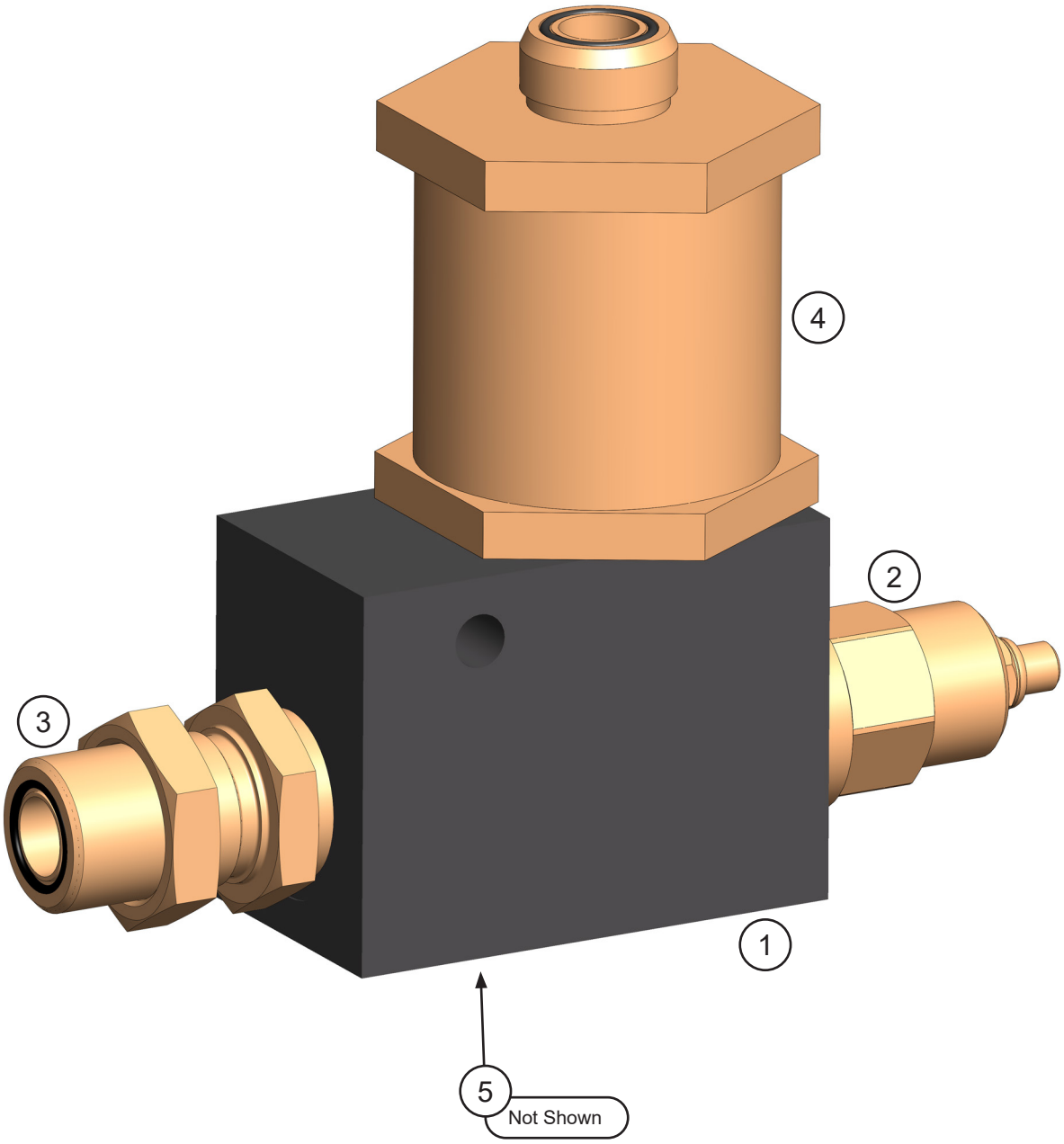
© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - MOTOR MANIFOLD

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	6360144	Motor Manifold
2	8	F0744400	Socket Head Capscrew 7/16 - 14 x 4
3	2	6380002	Check Valve
4	2	6360101	Relief Valve
5	2	6301253	Cavity Plug
6	2	6300014	Diagnostic Nipple 06MB
7	2	6310001	Diagnostic Nipple Dust Cap

© 2026 Genesis Attachments, LLC

ASSEMBLY LINE MOUNT MANIFOLD



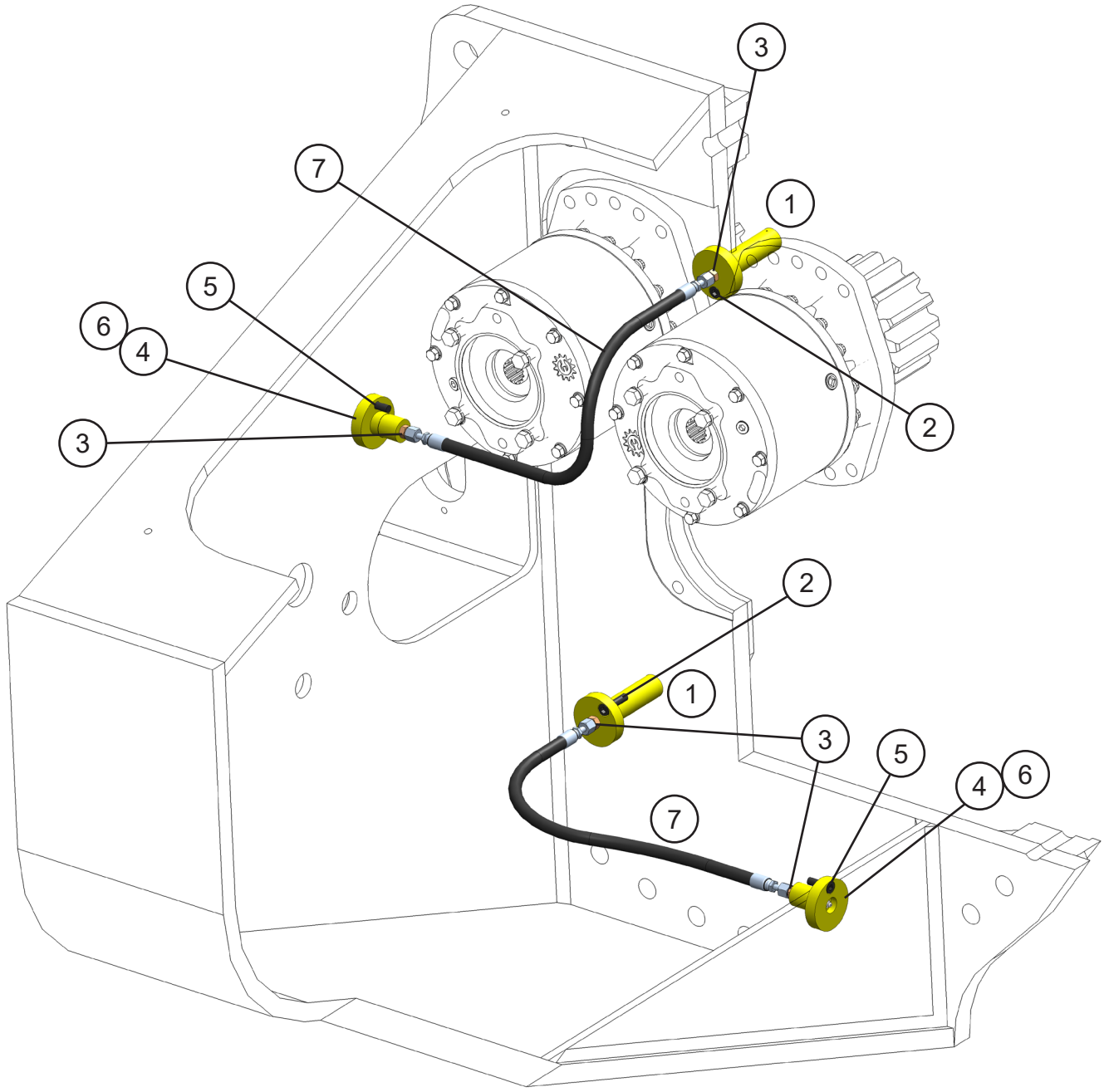
© 2026 Genesis Attachments, LLC

ASSEMBLY LINE MOUNT MANIFOLD

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	6300719	Manifold
2	1	6300720	Flow Control Valve
3	1	6310186	Adaptor 12MFS-Bulkhead-12MORB
4	1	6301211	Filter
5	1	6300582	Plug 04MP

© 2026 Genesis Attachments, LLC

ASSEMBLY ROTATION - GREASE SYSTEM PLUMBING



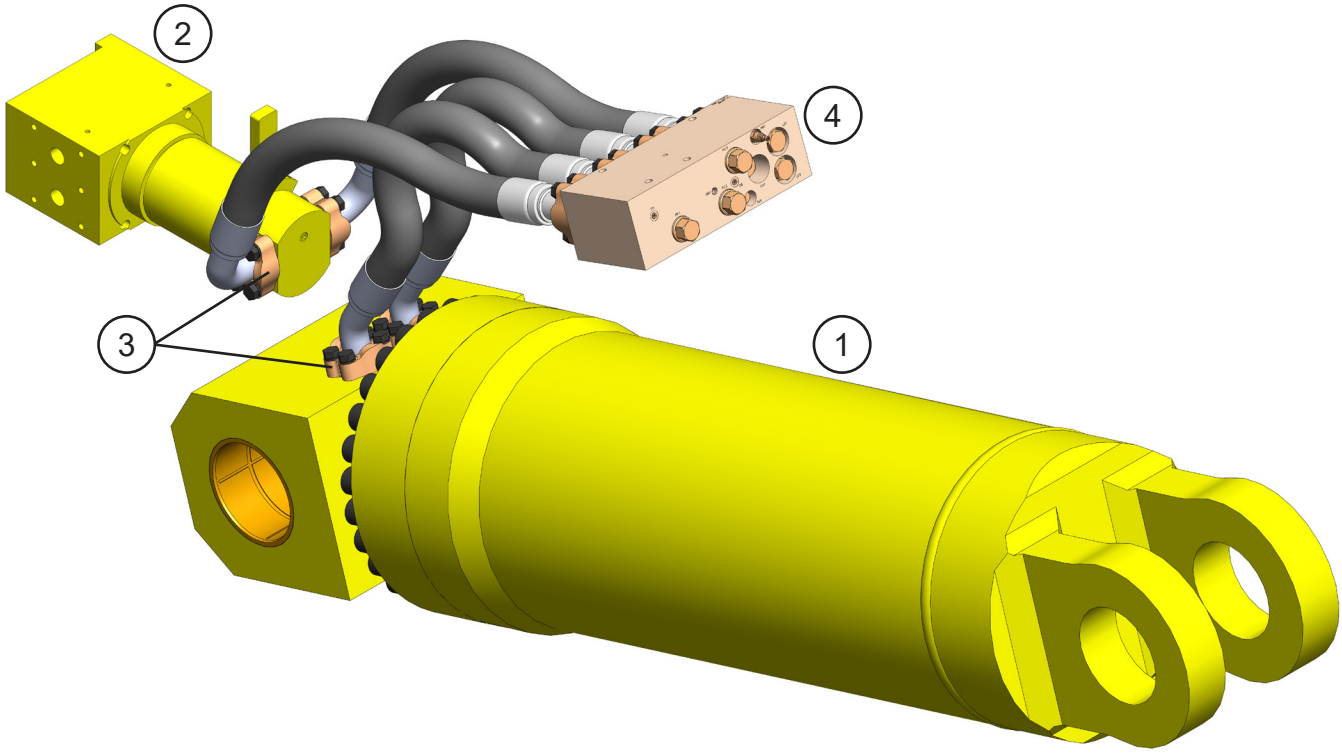
© 2026 Genesis Attachments, LLC

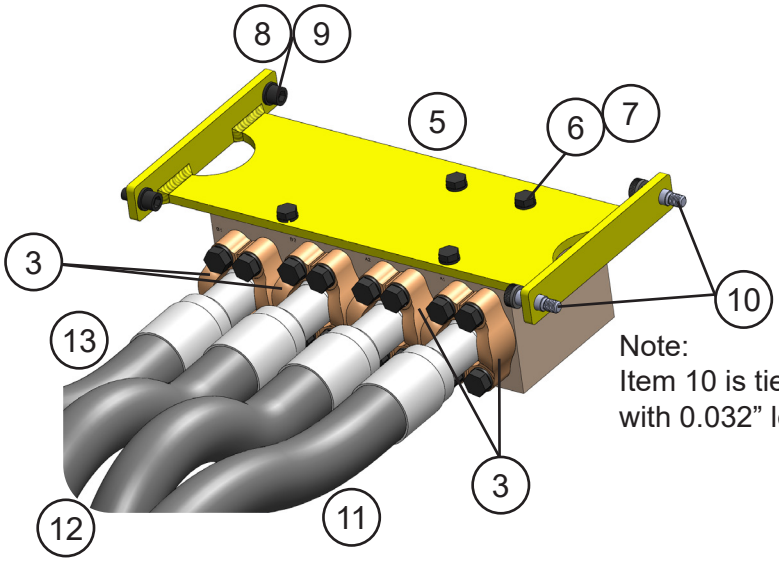
ASSEMBLY ROTATION - GREASE SYSTEM PLUMBING

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	5512419	Mach Slewing Ring Grease Adaptor
2	2	F0610035	Socket Head Capscrew M10 x 1.50 x 35
3	4	6300731	Adaptor 02MP-04MO
4	2	5512411	Mach Grease Bulkhead Adaptor
5	2	F0610025	Socket Head Capscrew M10 x 1.50 x 25
6	2	6200002	Grease Fitting
7	2	1107301	Hose

© 2026 Genesis Attachments, LLC

ASSEMBLY OPEN AND CLOSE CIRCUIT





Note:
Item 10 is tied together with 0.032” lock wire.

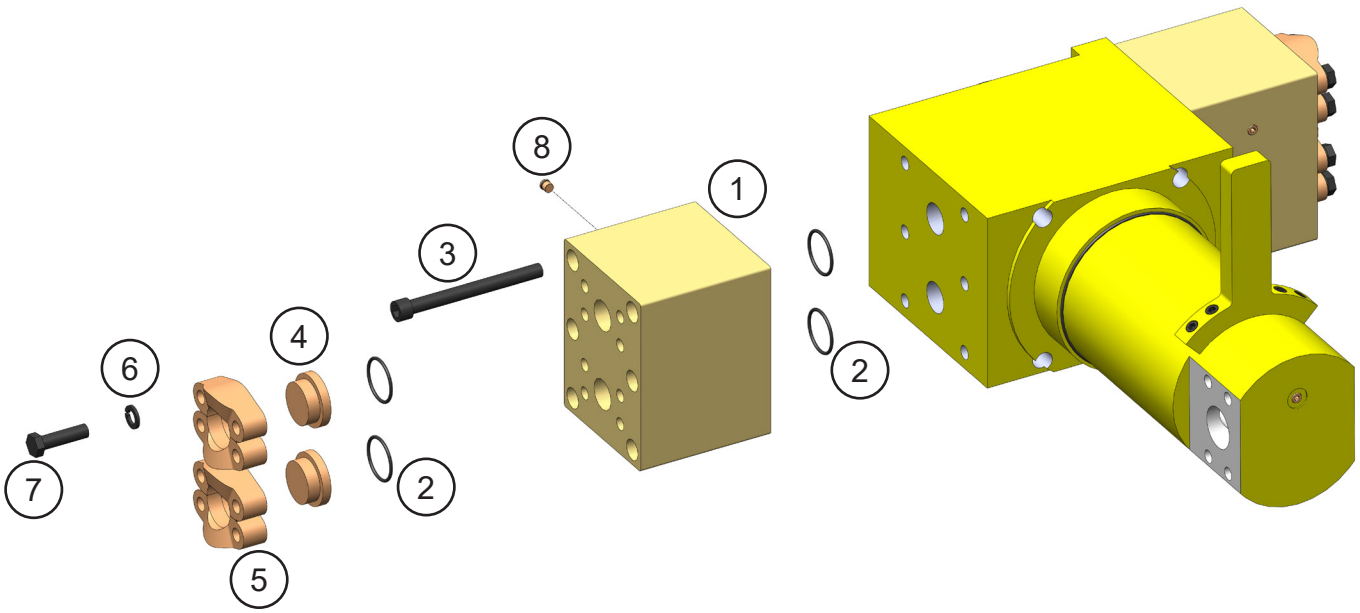
© 2026 Genesis Attachments, LLC

ASSEMBLY OPEN AND CLOSE CIRCUIT

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	6350098	Assembly Cylinder B20.0 R13.0 S46.0
2	1	See page 42	Assembly Swivel Manifold
3	8	**2" Split Flange Kit**	
	2	H0662200	Split Flange Half 2.00 Code 62
	4	F0120070	Hex Head Capscrew M20-2.5 x 70
	4	F1402000	Lock Washer M20
	1	S0190228	O-Ring
4	1	6360024	Valve Regen
5	1	1107152	Mach Valve Tray
6	4	F0116040	Hex Head Capscrew M16-2.0 x 40
7	4	F1900063	Washer Nord-Lock ⅝ and M16 Steel
8	2	F0616035	Socket Head Capscrew M16-2.0 x 35
9	2	F1201630	Flat Washer M16
10	2	F3616040	Socket Head Shoulder Screw M16-2.0 x 40
11	1	1108483	Hose
12	2	1108482	Hose
13	1	1108484	Hose

© 2026 Genesis Attachments, LLC

ASSEMBLY PORT BLOCK



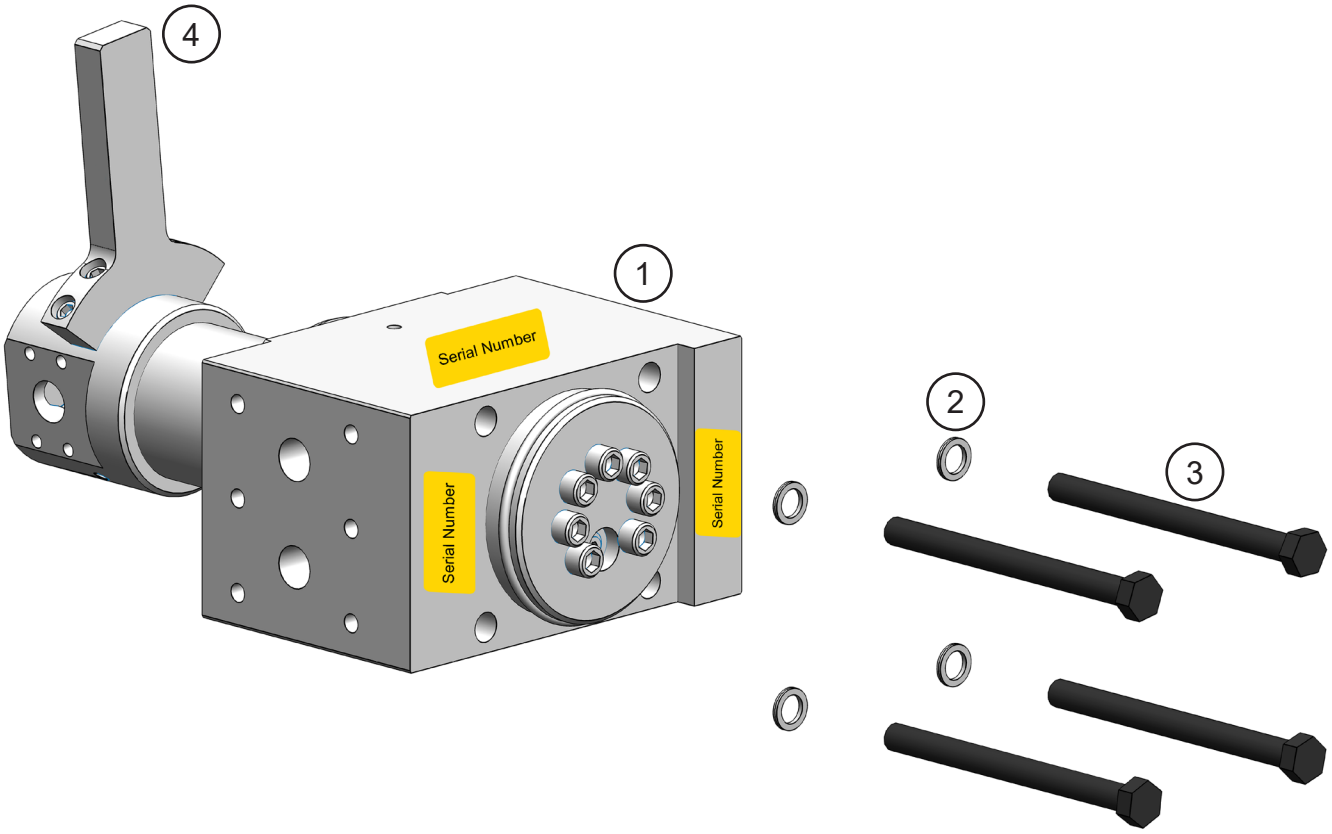
© 2026 Genesis Attachments, LLC

ASSEMBLY PORT BLOCK

ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	1107290	Mach Port Block
2	8	S0190225	O-Ring
3	12	F0616170	Socket Head Capscrew M16 x 2.00 x 170
4	4	H0362150	Split Flange Plug
5	8	H0262150	Split Flange Half 1.50 Code 62
6	16	F1401628	Lock Washer M16
7	16	F0116060	Hex Head Capscrew M16 x 2.00 x 60
8	2	6300076	Plug Zero-Leak 04

© 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	4	F1900075	Wedge Lock Washer ¾
3	4	F0120320	Hex Head Capscrew M20 x 2.5 x 320
4	1	*	Torque Arm Kit

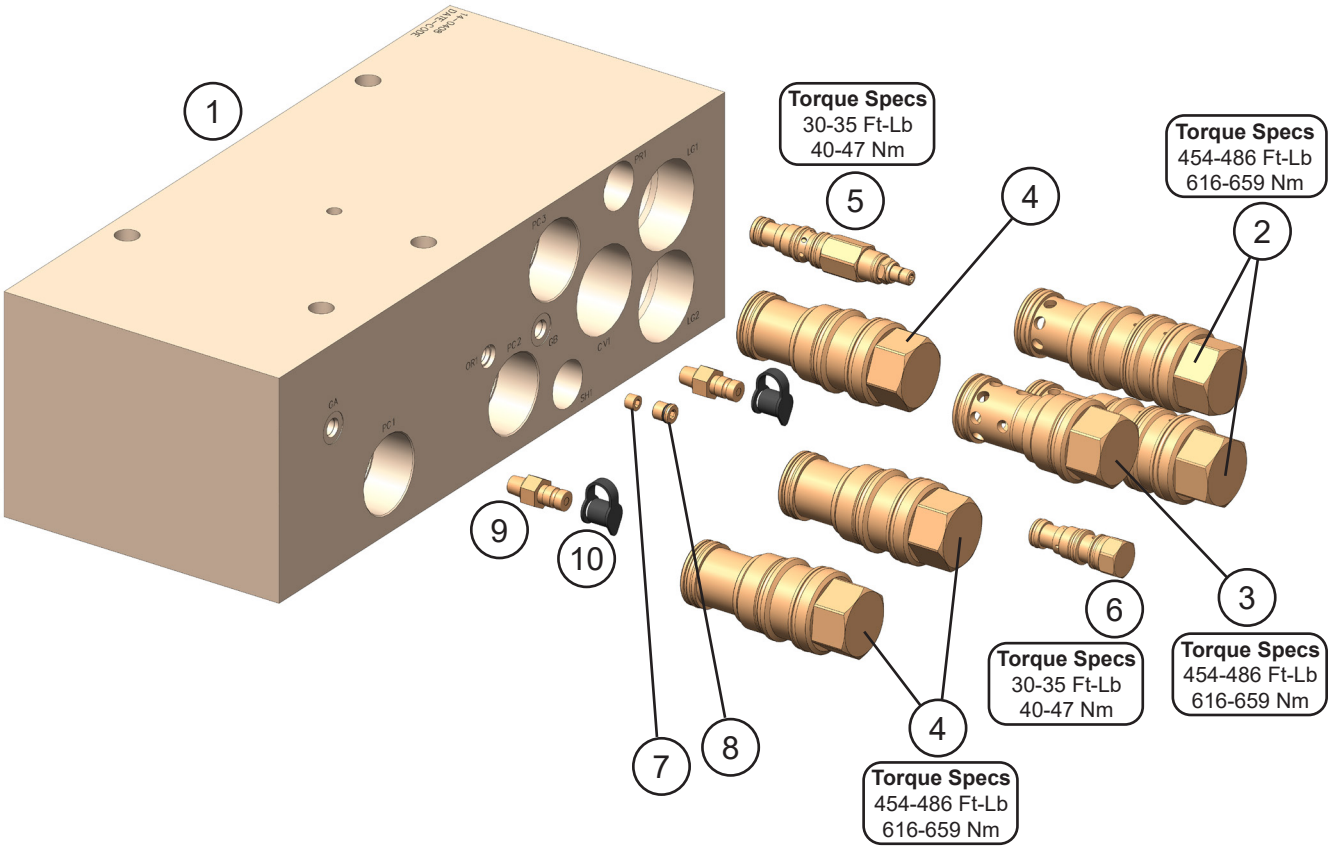
* Part numbers are Serial Number specific.
For replacement parts and seal kit, call the Genesis Parts Department.
The swivel Serial Number, located in one of the three highlighted areas, is required for **any** parts order.

USA
715-395-3488

Europe
+49 83 31 9 25 98 0

© 2026 Genesis Attachments, LLC

REGEN BLOCK SUB-ASSEMBLY



© 2026 Genesis Attachments, LLC

REGEN BLOCK SUB-ASSEMBLY

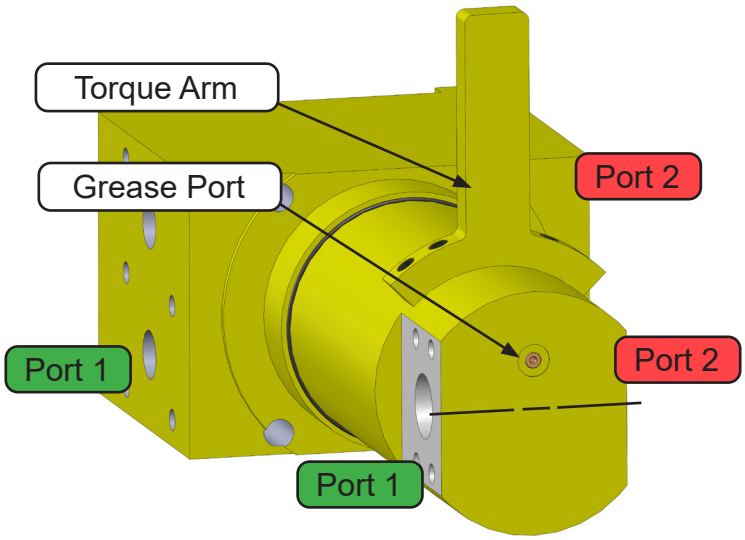
ITEM	QTY	PART NUMBER	DESCRIPTION	
1	1	6360024	Valve Regen	**Seal Kit SK00189**
2	2	6300623	Logic Valve	**Seal Kit 6300624**
3	1	6380011	Check Valve	**Seal Kit SK00023**
4	3	6300061	Pilot to Close Check Valve	**Seal Kit SK00024**
5	1	6300625	Pressure Reducing Valve	**Seal Kit 6300622**
6	1	6301200	Shuttle Valve	
7	1	6300903	Plug Pipe Orifice 01MP 1/16-27 NPT	
8	17	6300075	Plug Socket Head 02MB	
9	2	6300365	Diagnostic Nipple	
10	2	6310001	Diagnostic Nipple Dust Cap	
11	4	6300076	Plug Socket Head 04MB (Not Shown)	
12	12	6300078	Plug Socket Head 16MB (Not Shown)	

Your GXT 2055 mobile shear will contain one of two regens, Part Number 6360021 or 6360024. If the Mach Plt Frmd Valve Tray is under the regen, the shear contains regen 6360021. If the Mach Plt Frmd Valve Tray is on top of the regen, the shear contains regen 6360024.

© 2026 Genesis Attachments, LLC

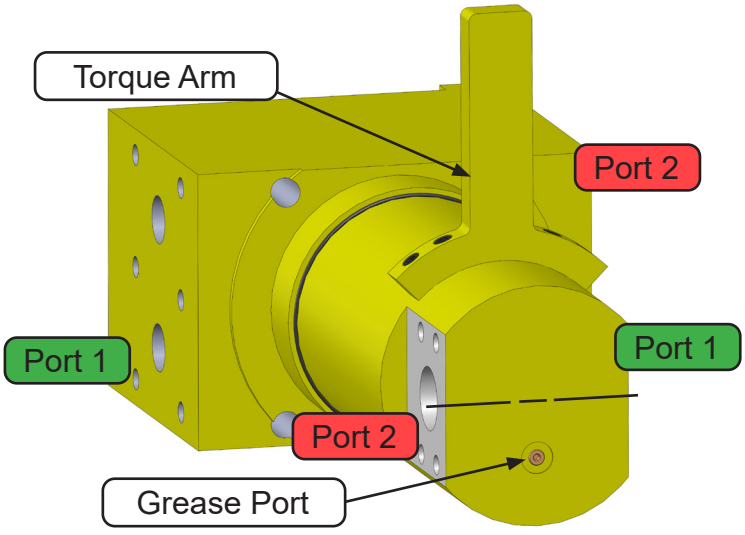
ASSEMBLY SWIVEL MANIFOLD CONFIGURATIONS

Visual Quick Reference



Normal Configuration

Port and Torque Arm on the same side of spool



Reverse Configuration

Port and Torque Arm on opposite sides of spool

© 2026 Genesis Attachments, LLC

BOLT TORQUE SPECIFICATIONS

Reference the product Thread Treatment Diagrams on page 48 to determine whether to use wet or dry torque values for specific bolts.

Reference Procedures on page 49 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.

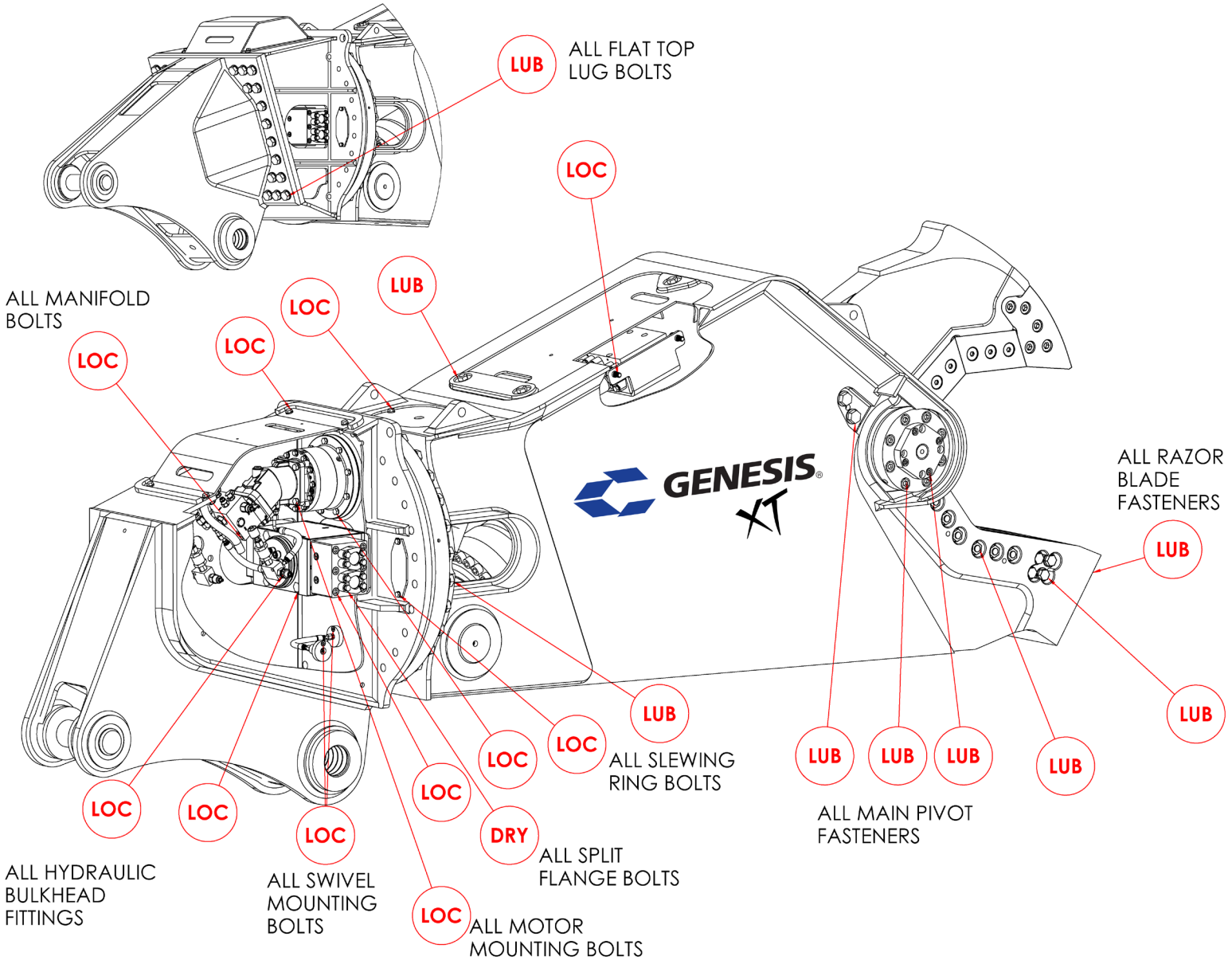
When using a torque multiplier with a torque wrench, incorrect settings will be multiplied by the ratio of the torque wrench.

Never use an impact driver on a torque multiplier.

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 49. For prescribed torque values, see page 51



© 2026 Genesis Attachments, LLC

PROCEDURES

Reference the product Thread Treatment Diagrams on page 48 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!

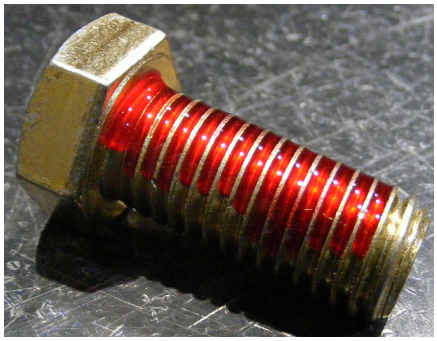
LOC

Threadlocker

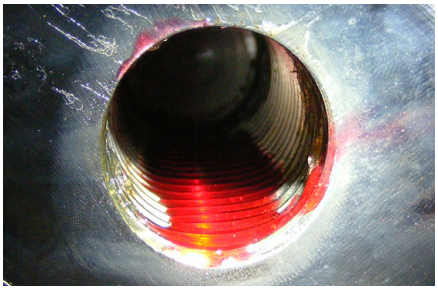
For bolted connections requiring threadlocker, use **Loctite 263** or equivalent applied using the following procedure:

- 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 51.

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 52.

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 51.

Anti-Seize



DRY

No Thread Treatment

- Clean and degrease all threads.
- Torque bolt to specified **Dry Torque Value**, see page 51.

© 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

2" Split Flange Kit 39
1102487 Mach Pin Keeper 17
1103117 Mach Blade 11, 13
1104088 Mach Pin Keeper 17
1105609 Mach Guide Blade 11
1105610 Mach Adj Plate Guide Blade 11
1105611 Mach Adj Plate Guide Blade 11
1105614 Shim Set Guide Blade 11
1105854 Mach Shoulder Bolt 19
1106478 Shim Set, Auto Guide 15
1107118 Wtmg Stick 5
1107125 Wtmg Upper 5
1107126 Mach Bearing 7, 9
1107128 Mach Thrust Washer 7, 9
1107129 Mach End Cap 7, 9
1107130 Mach Tie Rod 7
1107131 Mach Tie Rod Nut 7, 9
1107132 Shim Set Thrust Washer 7, 9
1107139 Mach Blade Razor 11
1107149 Mach Blade Tip Right 13
1107150 Mach Blade Tip Left 13
1107152 Mach Valve Tray 39
1107158 Wldt Front Cylinder Pin 17
1107161 Mach Pin Rear 17
1107165 Mach Bearing Upper Cylinder 17
1107201 Mach Bolt Socket Head Capscrew 1¼ - 7 x 5⅝ Custom 13
1107290 Mach Port Block 41
1107293 Mach Sub Head Cover 21
1107296 Hose 29
1107297 Hose 25
1107298 Hose 25
1107299 Hose 25
1107300 Hose 25
1107301 Hose 37
1107838 Plt Rear Cover 19
1107959 Mach Adj Plate Secondary 11
1107961 Shim Set Long Blade 11
1108426 Wldt Cover 19
1108482 Hose 39
1108483 Hose 39
1108484 Hose 39
1108954 Mach Mounting Plate 29, 31
1108967 Hose 29, 31
1108968 Hose 29
1109658 Mach Adj Plate Primary 11
1109933 Hose 31
1109934 Hose 31
1109935 Hose 27
1109936 Hose 27
5500752 Plt Strap 21
5512411 Mach Grease Bulkhead Adaptor 37
5512419 Mach Slewing Ring Grease Adaptor 37
5514355 Wtmg Sub Head 21
5518785 Plt Bolt Cover 21
6200002 Grease Fitting 7, 9, 15, 17, 21, 37
6300014 Diagnostic Nipple 06MB 33
6300017 Adaptor 08MB-08MO 25
6300049 Adapter 08MB-06MO 27
6300052 Adapter 12MB-08MO 31
6300061 Pilot to Close Check Valve 45
6300075 Plug Socket Head 02MB 45
6300076 Plug Socket Head 04MB 45
6300076 Plug Zero-Leak 04 41
6300078 Plug Socket Head 16MB 45
6300365 Diagnostic Nipple 45
6300406 Adapter Run Tee 08FOX-08MO-08MO 27
6300406 Adaptor Run Tee 08F0X-08MO-08MO 25
6300441 Adapter 12MB-12MO 29, 31
6300446 Gearbox 23
6300582 Plug 04MP 35
6300623 Logic Valve 45
6300625 Pressure Reducing Valve 45
6300719 Manifold 35
6300720 Flow Control Valve 35
6300731 Adaptor 02MP-04MO 37
6300903 Plug Pipe Orifice 01MP 1/16-27 NPT 45
6301112 O-Ring 19
6301199 Bearing Slewing 23
6301200 Shuttle Valve 45
6301211 Filter 35
6301253 Cavity Plug 33
6310001 Diagnostic Nipple Dust Cap 33, 45
6310036 Adapter 12MB-12MO-90 29
6310059 Adaptor 10MB-08MO 25
6310092 Adapter Run Tee 12FOX-12MO-12MO 31
6310093 Adapter 10MB-06MO 27
6310184 Adapter Run Tee 12MFS-12MORB-12MFS 29
6310185 Adaptor Run Tee 12MFS-12MFS-12MFS BLKHD 25
6310186 Adaptor 12MFS-Bulkhead-12MORB 35
6310188 Adaptor Run Tee 08MFS-10MORB-08MFS 25
6310409 Adapter Run Tee 08F0X-08MFS-08MFS 27
6350098 Assembly Cylinder - Complete 39
6360024 Valve Regen 39, 45
6360025 Piston Motor 23
6360100 Counterbalance Valve Assembly 29, 31
6360101 Relief Valve 33
6360144 Motor Manifold 33
6380002 Check Valve 33
6380011 Check Valve 45
Assembly Access Covers 5, 18, 19
Assembly Auto Guide 5, 14, 15
Assembly Cylinder Pins 5, 16, 17
Assembly Line Mount Manifold 5, 34, 35
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 Port Block 5, 40, 41

© 2026 Genesis Attachments, LLC

INDEX

Assembly Rotation - Grease System Plumbing 5, 36, 37
Assembly Rotation - Motor and Valve Drain Lines 5, 24, 25, 26, 27
Assembly Rotation - Motor Manifold 5, 32, 33
Assembly Rotation - Piston Motor 5, 22, 23
Assembly Rotation - Valve to Valve Plumbing 5, 28, 29, 30, 31
Assembly Swivel Manifold 5, 39, 42, 43
Assembly Swivel Manifold Configurations 46
Assembly Upper Blades 5, 12, 13
Assembly Upper Head 5, 20, 21
Bolt Drive Specifications 53
Bolt Torque Specifications 47, 51
Contact Information 2, 59
F0110030 Hex Head Capscrew M10 x 1.50 x 30 21
F0110070 Hex Head Capscrew M10 x 1.5 31
F0110070 Hex Head Capscrew M10X1.5 29
F0112030 Hex Head Capscrew M12 x 1.75 x 30 19, 21
F0116040 Hex Head Capscrew M16-2.0 x 40 39
F0116060 Hex Head Capscrew M16 x 2.00 x 60 23, 41
F0120070 Hex Head Capscrew M20-2.5 x 70 39
F0120320 Hex Head Capscrew M20 x 2.5 x 320 43
F0210200 Hex Head Capscrew 1-8x2 11
F0210575 Hex Head Capscrew 1-8x5.75 11
F0210700 Hex Head Capscrew 1 - 8 x 7 15
F0210700 Hex Head Capscrew 1-8x7 11
F0213750 Hex Head Capscrew 1¼ - 7 x 7½ 23
F0250150 Hex Head Capscrew ½ - 13 x 1½ 23
F0412030 Flat Head Capscrew M12 x 1.75 x 30 7, 9
F0510650 Flat Head Capscrew 1-8x6½ 13
F0510700 Flat Head Capscrew 1-8x7 11
F0510800 Flat Head Capscrew 1-8x8 13
F0610025 Socket Head Capscrew M10 x 1.50 x 25 37
F0610035 Socket Head Capscrew M10 x 1.50 x 35 37
F0612045 Socket Head Capscrew M12 x 1.75 x 45 7, 9
F0616035 Socket Head Capscrew M16-2.0 x 35 39
F0616050 Socket Head Capscrew M16 x 2.00 x 50 7, 9
F0616170 Socket Head Capscrew M16 x 2.00 x 170 41
F0620100 Socket Head Capscrew M20 x 2.50 x 100 7, 9
F0620130 Socket Head Capscrew M20 x 2.50 x 130 17
F0624280 Socket Head Capscrew M24 x 3.00 x 280 17
F0744400 Socket Head Capscrew 7/16 - 14 x 4 33
F0910008 Hex Nut 1-8 11, 13
F1020250 Nylock Nut M20 x 2.50 17
F1024300 Nylock Hex Nut M24 x 3.00 17
F1201021 Flat Washer M10 21
F1201224 Flat Washer M12 7, 9, 19, 21
F1201630 Flat Washer M16 7, 9, 39
F1202037 Flat Washer M20 7, 9
F1300100 Flat Washer 1" 11, 13
F1300100 Flat Washer Narrow 1" 15
F1401628 Lock Washer M16 41
F1402000 Lock Washer M20 39
F1900040 Washer Nord-Lock M10 Steel 29, 31
F1900050 Washer Nord-Lock ½ and M12 Steel 23
F1900063 Washer Nord-Lock ⅝ and M16 Steel 39
F1900075 Wedge Lock Washer ¾ 43
F2510100 Set Screw Socket Head 1-8x1 11
F2803300 Hytorc Washer 23
F3616040 Socket Head Shoulder Screw M16-2.0 x 40 39
General Arrangement 4, 5
H0262150 Split Flange Half 1.50 Code 62 41
H0362150 Split Flange Plug 41
H0662200 Split Flange Half 2.00 Code 62 39
Line Mount Manifold 29, 31
Mach Bearing 21
Mach Boom Bearing 21
Mach Main Shaft 9
Mach Spacer Sleeve 21
Motor Manifold 25, 27, 29, 31
O-Ring Boss & Flat Face O-Ring Torque Specifications 52
Parts Order Form 56
Parts Order Policy and Procedure 55
Piston Motor 25, 27
Procedures 49, 50
Regen Block Sub-Assembly 5, 44, 45
S0190219 O-Ring 23
S0190225 O-Ring 41
S0190228 O-Ring 39
S0190250 O-Ring 23
S0190357 O-Ring 7, 9
Seal Kit 6300622 45
Seal Kit 6300624 45
Seal Kit SK00023 45
Seal Kit SK00024 45
Seal Kit SK00189 45
Table of Contents 3
Thread Treatment Diagram 48
Torque Arm Kit 43
Warranty 54
Wldt Pin 21
Wtmg Lug Upper Head 5, 21

© 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
Fax: 715.395.5255

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. 10-28-26

An NPK Company