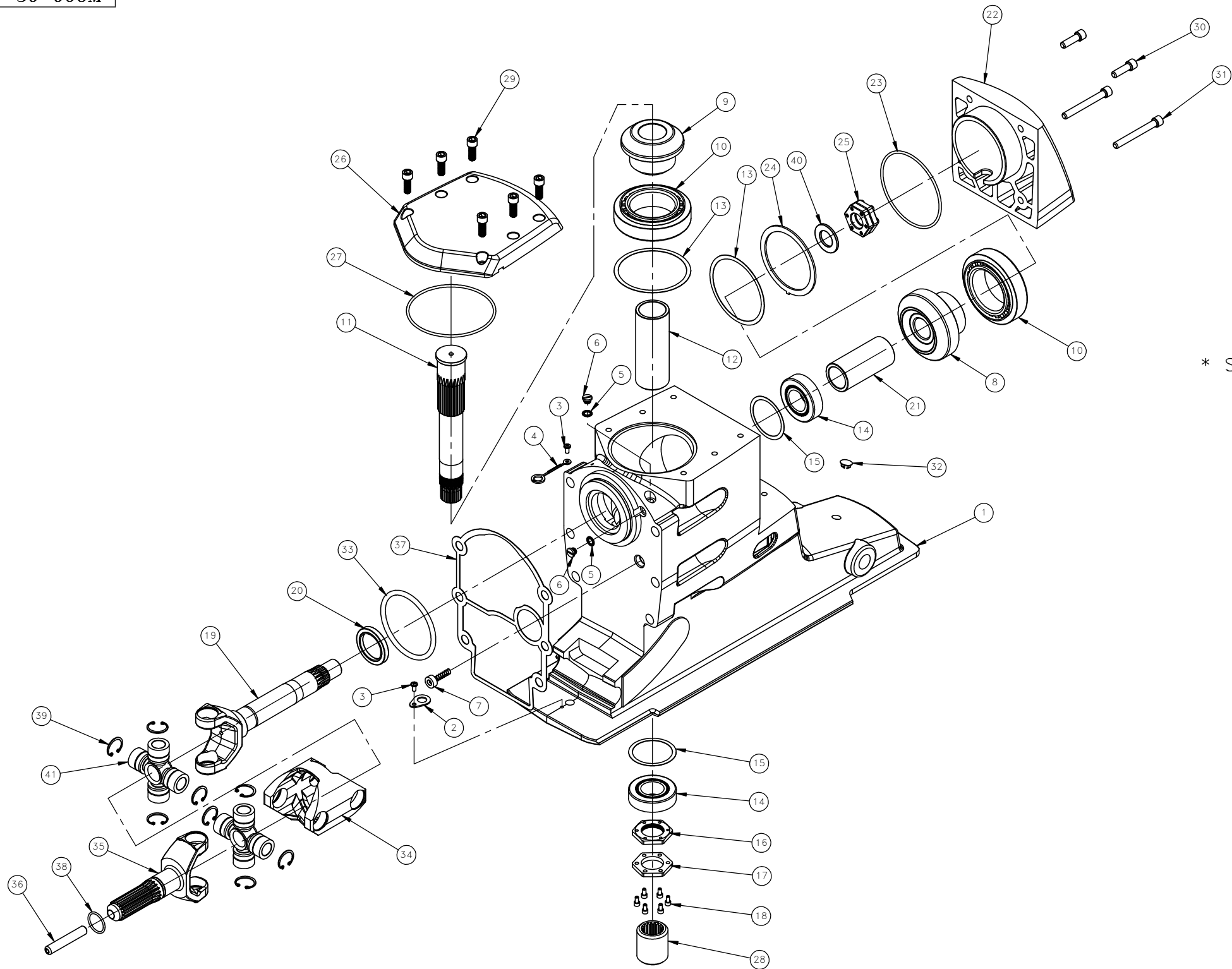


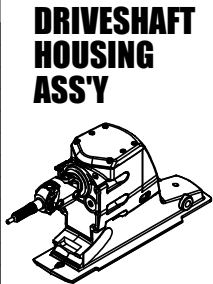
DRAWING NO. **30-006M**



GEAR CHART		
520 OVERALL GEAR RATIO	UPPER GEAR SET NUMBER	540/560 OVERALL GEAR RATIO
1.30:1	30-203	1.09:1
1.43:1	30-208	1.21:1
1.57:1	30-211	1.33:1
1.79:1	30-207	1.51:1
1.97:1	30-482	1.67:1

* SEE ABOVE GEAR CHART FOR GEAR SET #

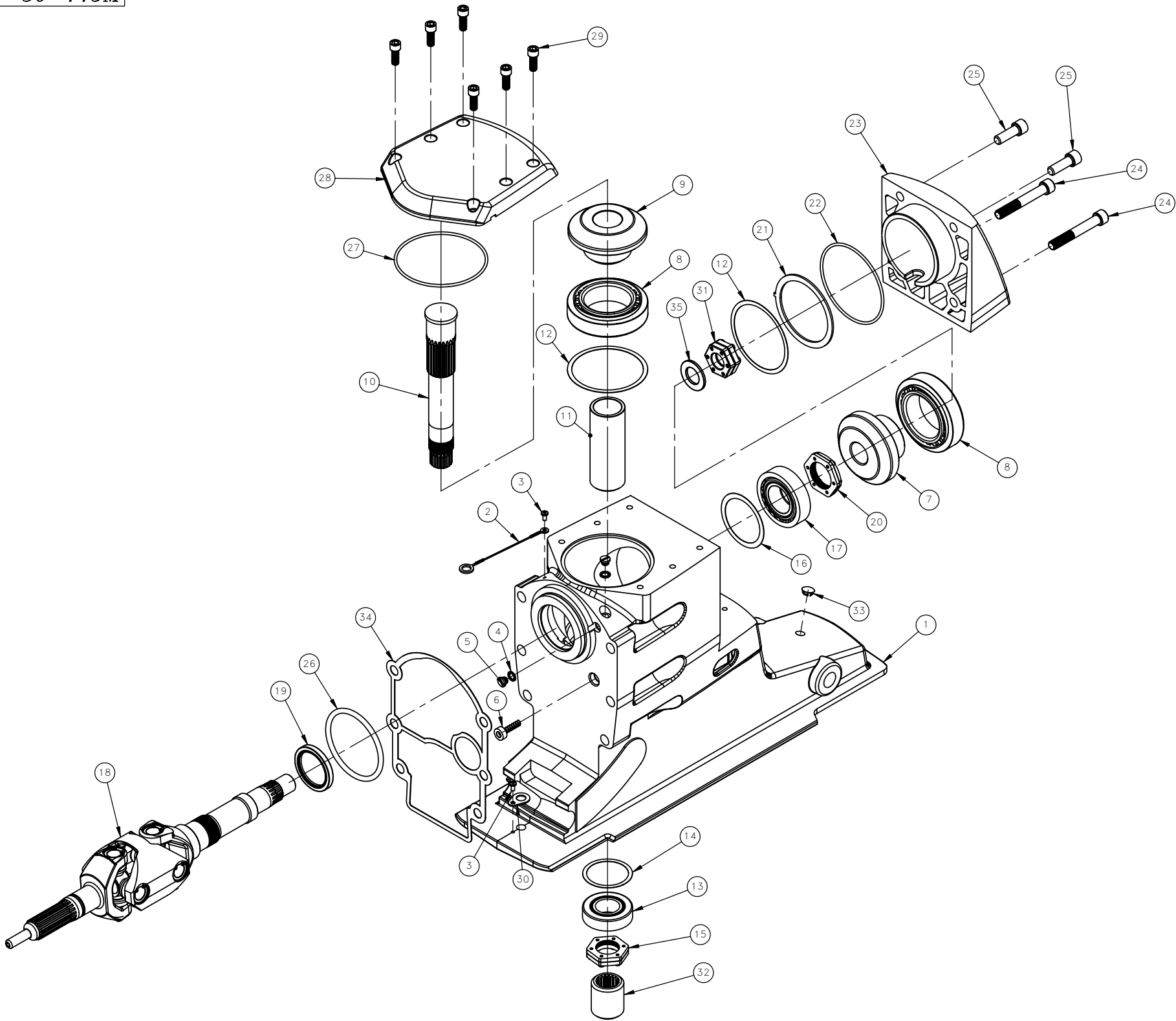
41	10-373	CROSS & BEARING	2
40	10-280	WASHER, HARD	1
39	10-518	RING, SNAP	8
38	10-493	O-RING	1
37	10-305	GASKET	1
36	10-494	PIN, ENGAGEMENT	1
35	10-365	SHAFT, END YOKE	1
34	10-366	H-YOKE	1
33	10-306	O-RING	1
32	10-094	PLUG	1
31	10-395	S.H.C.S.	2
30	10-376	S.H.C.S. SS	2
29	10-110	S.H.C.S.	6
28	10-505	COUPLING	1
27	10-303	O-RING	1
26	10-209	COVER, TOP	1
25	30-325	NUT, LOCKING	1
24	10-300	WASHER, TAB	1
23	10-298	O-RING	1
22	10-210	REAR COVER	1
21	10-246	SLEEVE	1
20	10-307	SEAL	1
19	10-367	SHAFT, END YOKE	1
18	10-578	S.H.C.S.	6
17	10-577	NUT, LOCKING	1
16	10-576	NUT, LOCKING	1
15	10-304	SHIM SET	2
14	10-267	BEARING	2
13	10-299	SHIM SET	2
12	10-556	SPACER	1
11	10-201	SHAFT, VERTICAL, TOP	1
10	10-269	BEARING	2
9		PINION, VERTICAL	1
8		GEAR, HORIZONTAL	1
7	10-374	KIT, SPRING	1
6	10-010	PLUG, DRAIN	2
5	10-285	WASHER, SEAL	2
4	10-487	CABLE, CONTINUITY	1
3	10-479	SCREW, SELF TAPPING	2
2	10-368	PLATE, GROUND	1
1	10-244	HOUSING, DRIVESHAFT	1
ITEM NO.		DESCRIPTION	QTY.



NEXT ASSY	TOLERANCE	Konrad	
	.X	MAT'L:	SCALE: DRAWN BY: LH
	± .020		1:3 APP.BY:
	.XX	TITLE:	
	± .010	DRIVESHAFT HOUSING ASS'Y	
	.XXX	DATE:	DRAWING NUMBER
	± .005	6/27/06	30-006M

DRAWING NO. 30-445M

GEAR CHART		
520 OVERALL GEAR RATIO	UPPER GEAR SET NUMBER	540 OVERALL GEAR RATIO
1.30:1	30-203	1.09:1
1.43:1	30-208	1.21:1
1.57:1	30-211	1.33:1
1.79:1	30-207	1.51:1
1.97:1	30-482	1.67:1

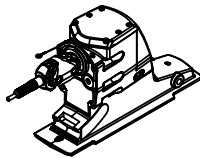


** THIS ASSY IS STANDARD HD UPPER HOUSING ASSY, IF YOURS IS A CUSTOM ASSYPLEASE CONTACT THE FACTORY TO VERIFY CORRECT COMPONENTS

*SEE ABOVE GEAR CHART FOR GEAR SET #

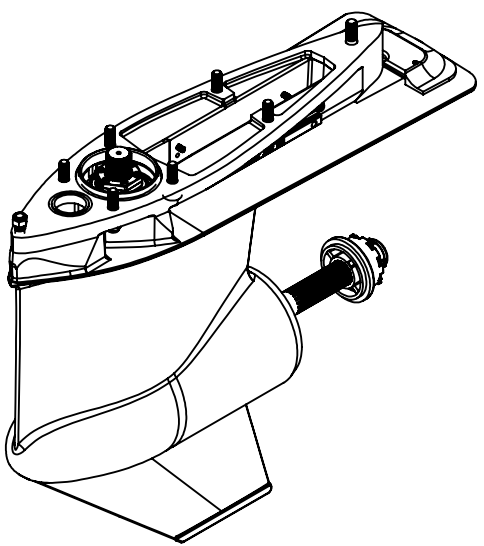
35	10-280	WASHER, HARD	1
34	10-305	GASKET	1
33	10-094	PLUG	1
32	10-505	COUPLING	1
31	30-325	NUT	1
30	10-368	PLATE, GROUND	1
29	10-110	S.H.C.S.	6
28	10-209	COVER, TOP	1
27	10-303	O-RING	1
26	10-306	O-RING	1
25	10-287	S.H.C.S.	2
24	12-550	CAP SCREW	2
23	12-558	COVER, REAR, HD	1
22	10-298	O-RING	1
21	10-300	WASHER, TAB	1
20	30-571	SET, LOCKNUT	1
19	12-018	SEAL	1
18	30-533	U-JOINT ASS'Y, HD	1
17	12-019	BEARING SET, HD UPPER	1
16	12-081	SHIM SET, HD UPPER	1
15	30-202	SET, LOCKNUT	1
14	10-304	SHIM SET	1
13	10-267	BEARING	1
12	10-299	SHIM SET	2
11	10-556	SPACER	1
10	10-201	SHAFT, VERTICAL, TOP	1
* 9	10-403	GEAR	1
8	10-269	BEARING	2
* 7	10-402	PINION	1
6	10-374	KIT, SPRING	1
5	10-010	PLUG, DRAIN	2
4	10-285	WASHER, SEAL	2
3	10-479	SCREW	2
2	10-487	CABLE	1
1	12-036	UPPER HOUSING, HD DRIVE	1
ITEM NO. PART NO. DESCRIPTION			QTY.

HD DRIVESHAFT HOUSING ASS'Y



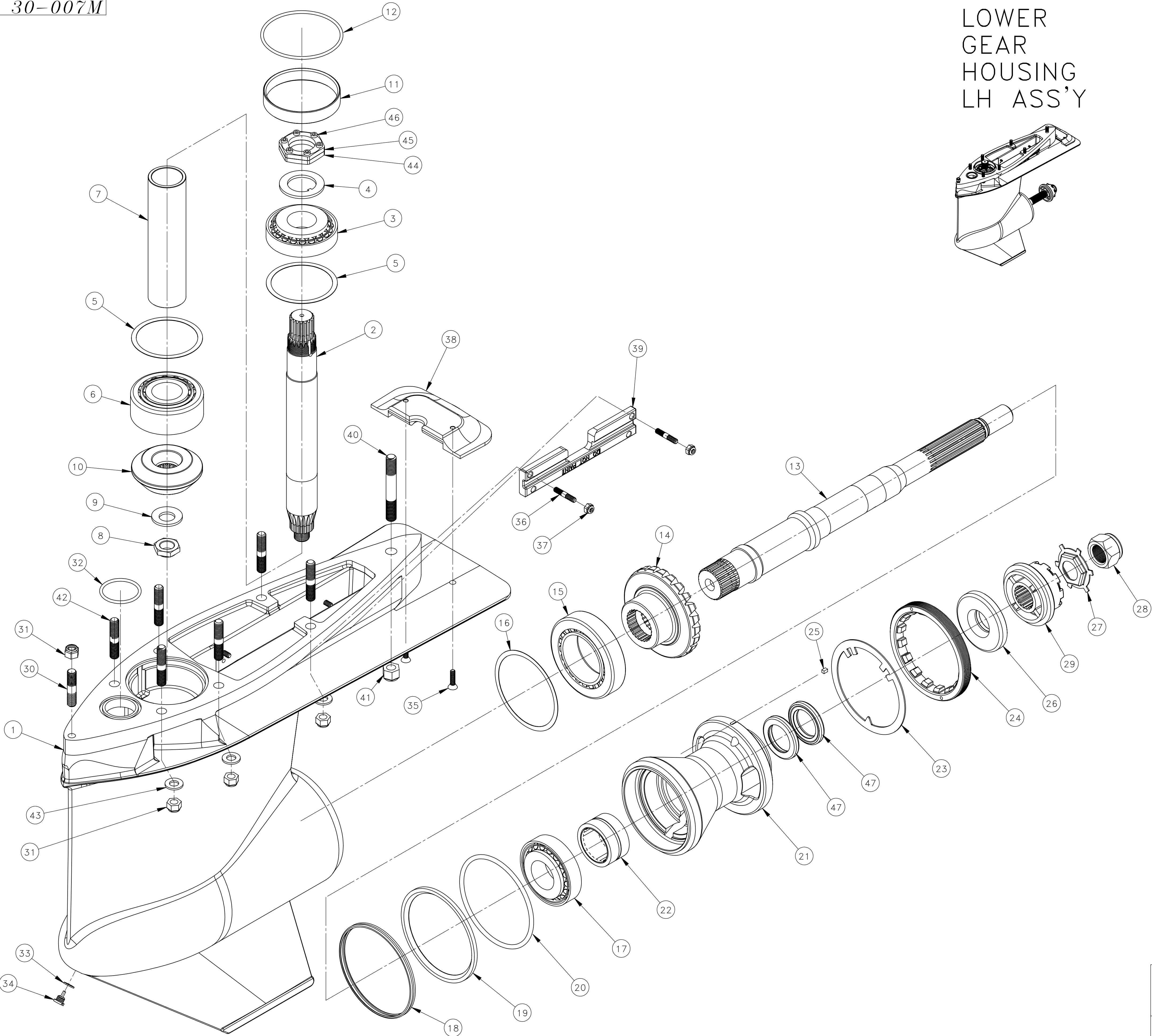
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		.X ± .020	MAT'L:	SCALE: DRAWN BY: LH
		.XX ± .010	TITLE:	1:3 APP.BY:
	WEIGHT: 95.06 LBS	.XXX ± .005	DATE: 06/08/10	DRAWING NUMBER 30-445M

LOWER
GEAR
HOUSING
LH ASS'Y



** THIS IS A STANDARD LOWER GEAR ASSY, IF YOURS IS A CUSTOM ASSY, PLEASE CONTACT THE FACTORY TO VERIFY CORRECT COMPONENTS

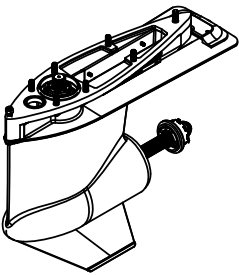
* SOLD AS GEAR SET 30-204



47	13-641	SEAL, PROP SHAFT	2
46	10-578	S.H.C.S.	6
45	10-574	NUT, LOCKING	1
44	10-573	NUT, LOCKING	1
43	10-457	WASHER, FLAT	6
42	10-313	STUD	6
41	10-334	NUT, NYLOCK, BRS	1
40	10-496	STUD	1
39	10-433	PLATE, INHIBITOR	2
38	10-432	PLATE, INHIBITOR	1
37	10-333	NUT, NYLOCK, BRS	4
36	10-253	STUD	4
35	10-461	F.H.C.S.	2
34	10-155	PLUG, DRAIN, MAGNETIC	1
33	10-285	WASHER, SEAL	1
32	10-399	O-RING	1
31	10-314	NYLOCK NUT, BRS	7
30	10-279	STUD	1
29	10-293	WASHER, SPLINED	1
28	10-296	LOCKNUT, NYLON	1
27	10-295	WASHER, TAB	1
26	10-292	THRUST HUB	1
25	10-017	KEY	1
24	10-242	COVER, NUT	1
23	10-203	WASHER, TAB	1
22	10-394	BEARING, ROLLER	1
21	10-364	CARRIER, BEARING	1
20	10-290	O-RING	1
19	10-499	WASHER, THRUST	1
18	10-289	LOAD RING	1
17	10-509	BEARING	1
16	10-299	SHIM SET	1
15	10-269	BEARING	1
* 14	10-258	GEAR	1
13	10-360	SHAFT, PROP, LH	1
12	10-400	O-RING	1
11	10-397	SLEEVE, ALIGNMENT	1
* 10	10-261	PINION	1
9	10-358	WASHER, BELLEVILLE	1
8	10-260	LOCKNUT, STAKE	1
7	10-557	SPACER, LOWER HSG	1
6	10-377	PINION BEARING	1
5	10-288	SET, SHIM	2
4	10-526	WASHER, TONGUED	1
3	10-259	BEARING	1
2	10-200	SHAFT, VERTICAL, BOTTOM	1
1	10-245	520, LOWER HOUSING	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

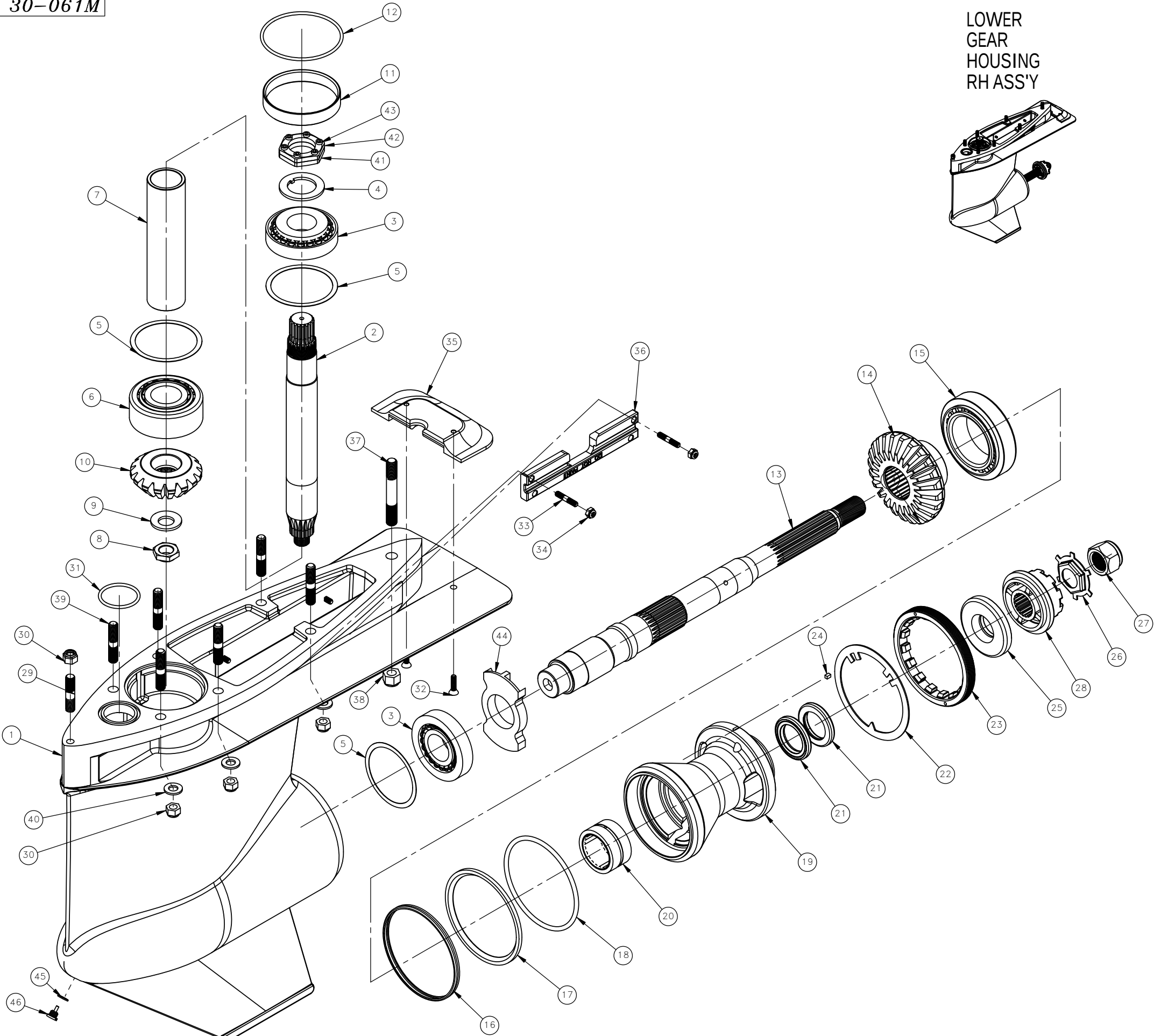
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	.X ± .020	MAT'L:	SCALE: 1:2.5	DRAWN BY: LH
	.XX ± .010	TITLE:	520 LOWER GEAR HOUSING ASS'Y, L.H.	
	.XXX ± .005	DATE: 6/22/06	DRAWING NUMBER 30-007M	

LOWER
GEAR
HOUSING
RH ASS'Y



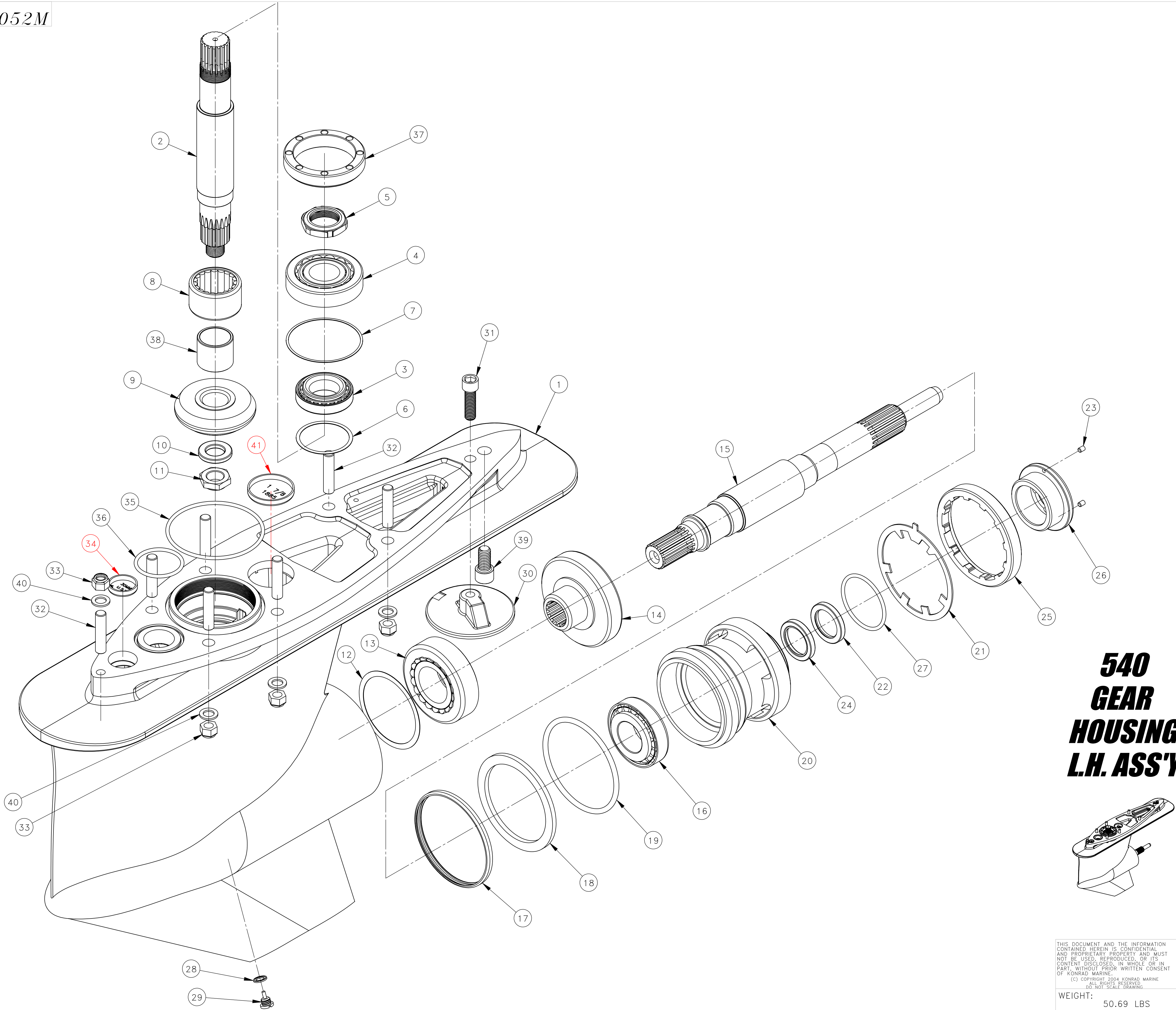
** THIS IS A STANDARD LOWER GEAR ASSY, IF YOURS IS A CUSTOM ASSY, PLEASE CONTACT THE FACTORY TO VERIFY CORRECT COMPONENTS

* SOLD AS GEAR SET 30-204



46	10-155	PLUG, DRAIN, MAGNETIC	1
45	10-285	WASHER, SEAL	1
44	10-508	SLINGER, OIL	1
43	10-578	S.H.C.S.	6
42	10-574	NUT, LOCKING	1
41	10-573	NUT, LOCKING	1
40	10-457	WASHER, FLAT	6
39	10-313	STUD	6
38	10-334	NUT, NYLOCK, BRS	1
37	10-496	STUD	1
36	10-433	PLATE, INHIBITOR	2
35	10-432	PLATE, INHIBITOR	1
34	10-333	NUT, NYLOCK, BRS	4
33	10-253	STUD	4
32	10-461	F.H.C.S.	2
31	10-399	O-RING	1
30	10-314	NYLOCK NUT, BRS	7
29	10-279	STUD	1
28	10-293	WASHER, SPLINED	1
27	10-296	LOCKNUT, NYLON	1
26	10-295	WASHER, TAB	1
25	10-292	THRUST HUB	1
24	10-017	KEY	1
23	10-242	COVER, NUT	1
22	10-203	WASHER, TAB	1
21	13-641	SEAL, PROP SHAFT	2
20	10-394	BEARING, ROLLER	1
19	10-364	CARRIER, BEARING	1
18	10-290	O-RING	1
17	10-499	WASHER, THRUST	1
16	10-289	LOAD RING	1
15	10-269	BEARING	1
* 14	10-258	GEAR, 24 TOOTH, HORIZONTAL	1
13	10-363	SHAFT, PROP, RH	1
12	10-400	O-RING	1
* 11	10-397	SLEEVE, ALIGNMENT	1
10	10-261	PINION, 16 TOOTH, VERTICAL	1
9	10-358	WASHER, BELLEVILLE	1
8	10-260	LOCKNUT, STAKE	1
7	10-557	SPACER, LOWER HSG	1
6	10-377	PINION BEARING	1
5	10-288	SET, SHIM	3
4	10-526	WASHER, TONGUED	1
3	10-259	BEARING	2
2	10-200	SHAFT, VERTICAL, BOTTOM	1
1	10-245	520, LOWER HOUSING	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

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		.X ± .020	MAT'L:	SCALE: DRAWN BY: LH
		.XX ± .010	TITLE: 520 LOWER GEAR HOUSING ASS'Y, R.H.	
		.XXX ± .005	DATE: 6/22/06	DRAWING NUMBER 30-061M

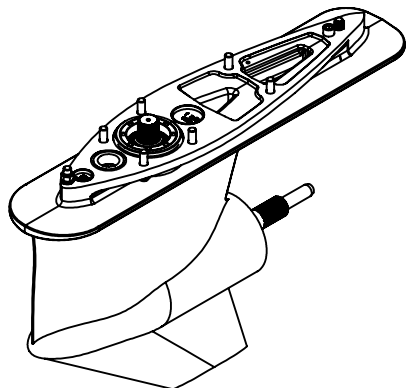


** THIS IS A STANDARD 540 L.H. LOWER HOUSING ASSEMBLY. IF YOURS IS A CUSTOM ASSEMBLY PLEASE CONTACT FACTORY TO VERIFY CORRECT COMPONENTS

*SOLD AS GEAR SET 30-206

41	12-587	PLUG, EXPANSION	1
40	12-134	WASHER	7
39	11-549	S.H.C.S.	1
38	10-653	RACE, BEARING	1
37	10-613	NUT, RETAINING	1
36	10-399	O-RING	1
35	10-400	O-RING	1
34	10-669	PLUG, EXPANSION	1
33	10-314	NUT	7
32	10-279	STUD	7
31	10-107	S.H.C.S.	1
30	11-254	ANODE	1
29	10-155	PLUG, DRAIN, MAGNETIC	1
28	10-285	WASHER, SEAL	1
27	10-449	O-RING	1
26	10-678	CARRIER, SEAL	1
25	10-607	NUT, COVER, 540	1
24	10-679	SEAL, OIL	1
23	11-204	SET SCREW, SHCS, SS	2
22	11-518	OIL SEAL, FISHLINE CUTTER	1
21	10-668	WASHER, TAB	1
20	10-606	CARRIER, BEARING, L.H.	1
19	10-043	O-RING	1
18	10-605	WASHER, DISTANCE	1
17	10-654	RING, LOAD	1
16	10-660	BEARING SET	1
15	10-677	SHAFT, PROP, 540, L.H.	1
* 14	10-598	GEAR	1
13	10-657	BEARING SET	1
12	10-288	SET, SHIM	1
11	10-260	LOCKNUT, STAKE	1
10	10-656	WASHER	1
* 9	10-597	PINION	1
8	10-659	BEARING ROLLER	1
7	10-685	SET, SHIM	1
6	10-609	SET, SHIM	1
5	10-649	NUT, NYLOCK	1
4	10-658	SET, BEARING	1
3	10-651	BEARING	1
2	10-595	SHAFT, DRIVE	1
1	10-600	HOUSING, GEAR, 540	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

540
GEAR
HOUSING
L.H. ASS'Y



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WEIGHT: 50.69 LBS

NEXT ASSY	TOLERANCE	MAT'L:	SCALE:	DRAWN BY:	SC
.X ± .020			1:2	APP.BY:	
.XX ± .010		TITLE:			
.XXX ± .005		DATE:		DRAWING NUMBER	

Konrad

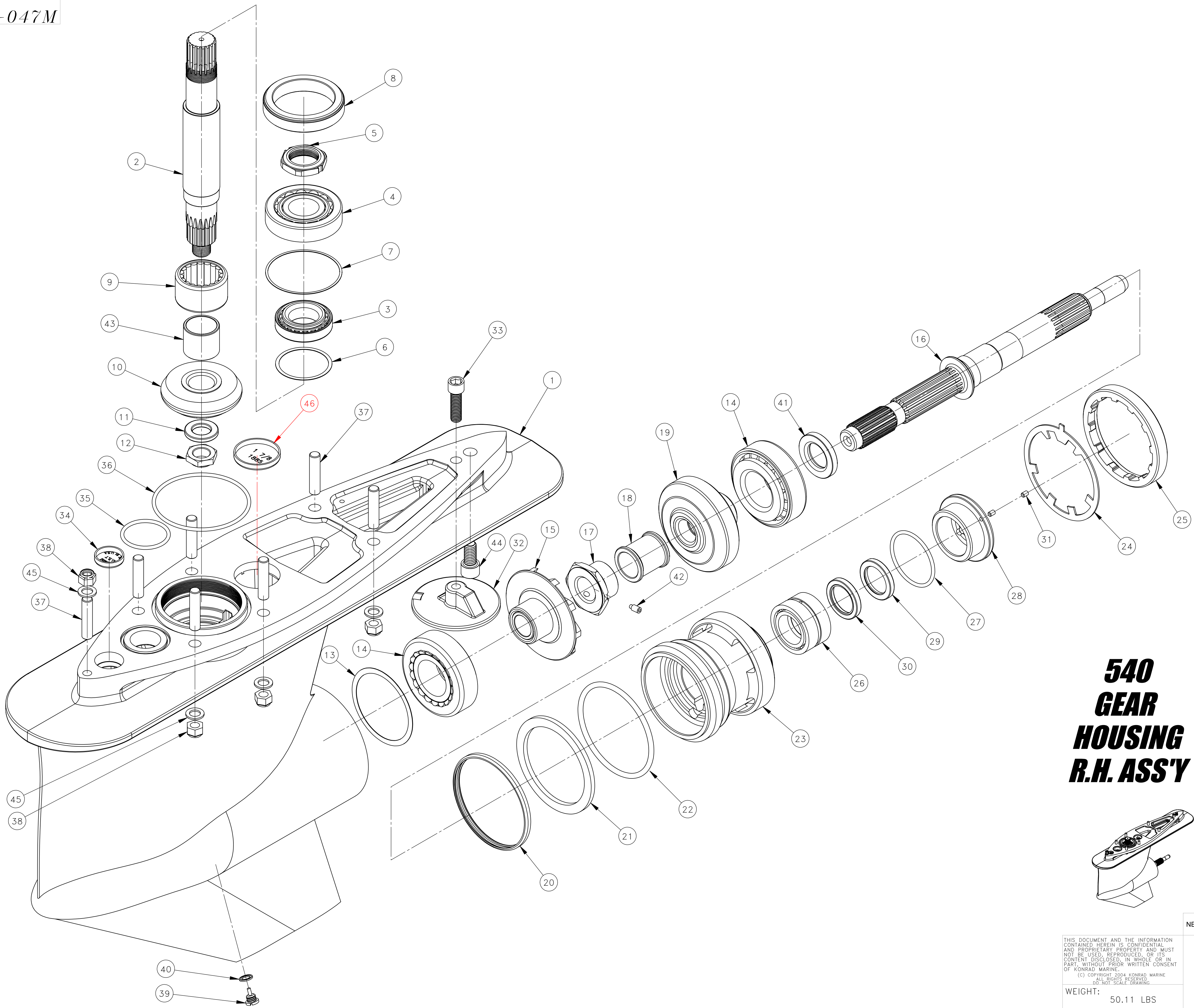
SCALE: DRAWN BY: SC

TITLE: 540 GEAR HOUSING ASS'Y L.H.

DATE: 10/18/13 DRAWING NUMBER 30-052M

** THIS IS A STANDARD L.H. LOWER HOUSING ASS'Y. IF YOURS IS A CUSTOM ASS'Y PLEASE CONTACT FACTORY TO VERIFY CORRECT COMPONENTS.

* SOLD AS GEAR SET 30-268



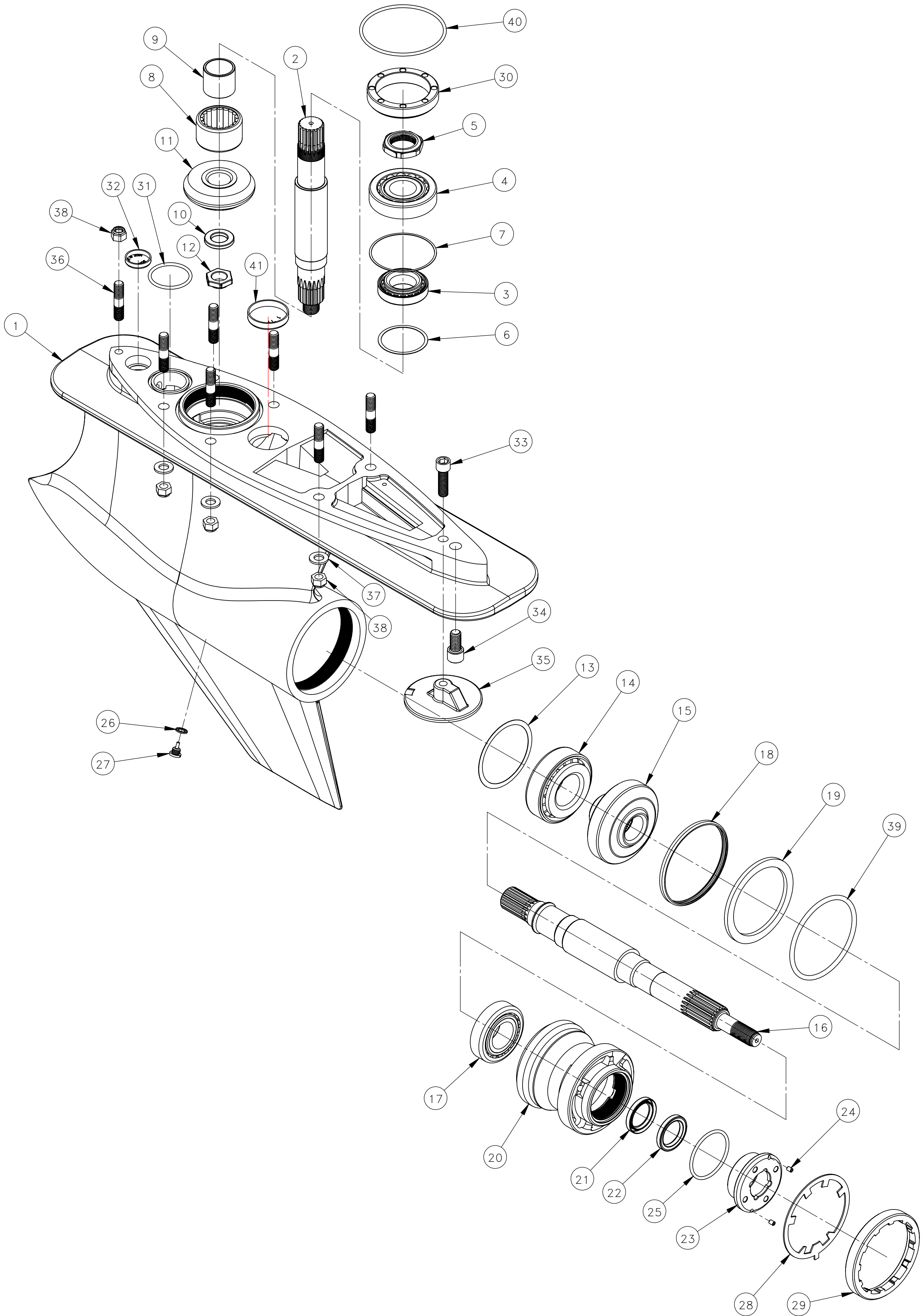
**540
GEAR
HOUSING
R.H. ASS'Y**

46	12-587	PLUG, EXPANSION	1
45	12-134	WASHER	7
44	11-549	S.H.C.S.	1
43	10-653	RACE, BEARING	1
42	11-205	SET SCREW, SHCS	1
41	10-663	WASHER, THRUST	1
40	10-285	WASHER, SEAL	1
39	10-155	PLUG, DRAIN, MAGNETIC	1
38	10-314	NUT	7
37	10-279	STUD	7
36	10-400	O-RING	1
35	10-399	O-RING	1
34	10-669	PLUG, EXPANSION	1
33	10-107	S.H.C.S.	1
32	11-254	ANODE	1
31	11-204	SET SCREW, SHCS, SS	2
30	10-679	SEAL, OIL	1
29	11-518	OIL SEAL, FISHLINE CUTTER	1
28	10-678	CARRIER, SEAL	1
27	10-449	O-RING	1
26	10-652	BEARING, ROLLER	1
25	10-607	NUT, COVER, 540	1
24	10-668	WASHER, TAB	1
23	10-661	CARRIER, BEARING, R.H.	1
22	10-043	O-RING	1
21	10-605	WASHER, DISTANCE	1
20	10-654	RING, LOAD	1
19	30-262	GEAR, LOWER, 540, RH, ASSY	1
18	10-601	SPACER	1
17	10-662	NUT	1
16	10-596	SHAFT, PROPELLER, 540, R.H.	1
15	30-233	IMPELLER, OIL, ASSY	1
14	10-657	BEARING SET	2
13	10-288	SET, SHIM	1
12	10-260	LOCKNUT, STAKE	1
11	10-656	WASHER	1
10	10-597	PINION	1
9	10-659	BEARING ROLLER	1
8	10-613	NUT, RETAINING	1
7	10-685	SET, SHIM	1
6	10-609	SET, SHIM	1
5	10-649	NUT	1
4	10-658	SET, BEARING	1
3	10-651	BEARING	1
2	10-595	SHAFT, DRIVE	1
1	10-600	HOUSING, GEAR, 540	1

ITEM NO.	PART NO.	DESCRIPTION	QTY.
Konrad			
NEXT ASSY	TOLERANCE	SCALE: DRAWN BY: SC	
.X ± .020	MAT'L:	1:2 APP.BY:	
.XX ± .010	TITLE:	540 LOWER GEAR HOUSING ASS'Y, R.H.	
.XXX ± .005	DATE:	DRAWING NUMBER	
	10/18/13	30-047M	

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WEIGHT: 50.11 LBS



** THIS IS A STANDARD LOWER GEAR ASSY, IF YOURS IS A CUSTOM ASSY, PLEASE CONTACT THE FACTORY TO VERIFY CORRECT COMPONENTS

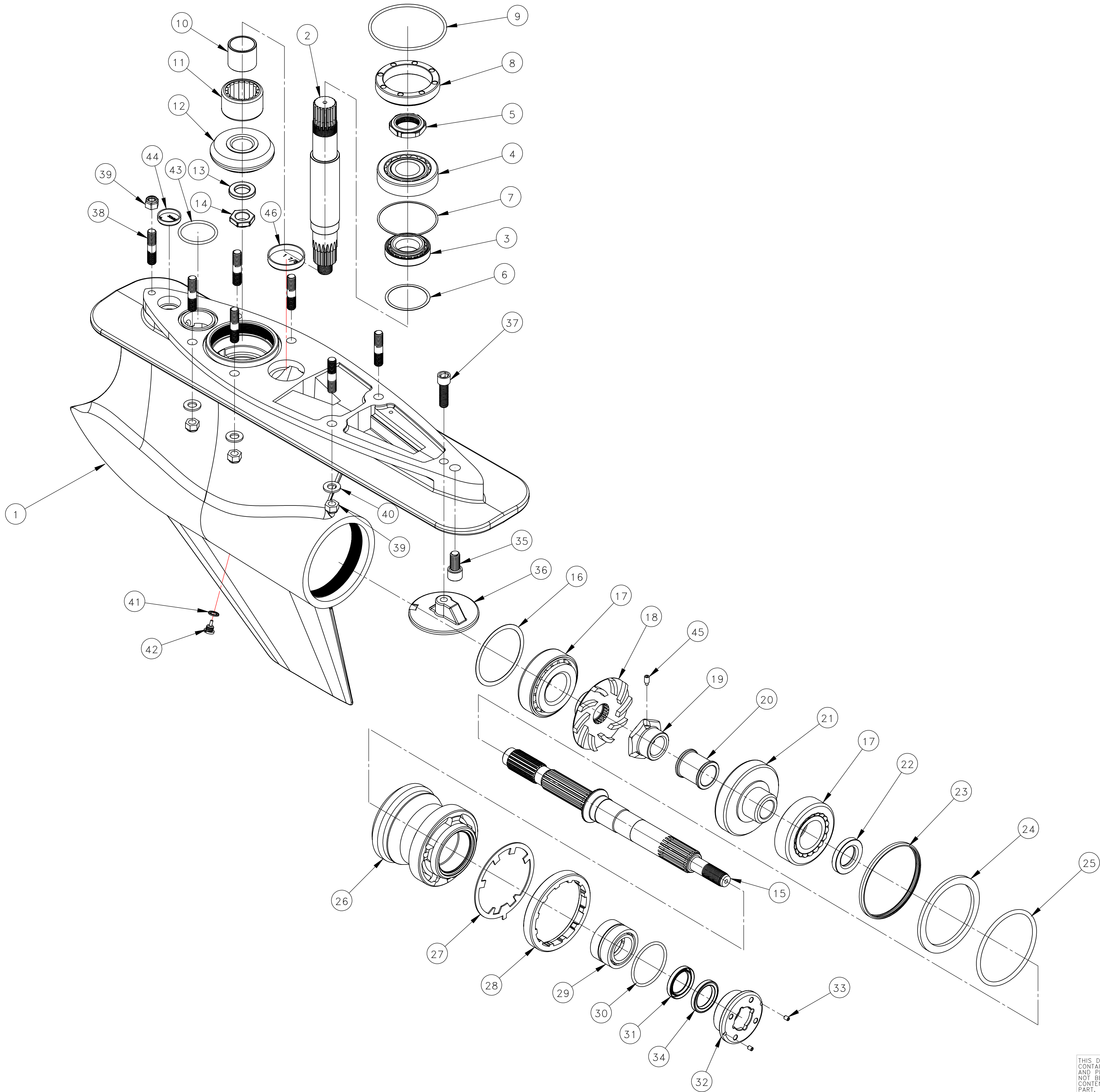
* SOLD AS GEAR SET 30-206

41	12-587	PLUG	1
40	10-400	O-RING	1
39	10-043	O-RING	1
38	10-314	NUT	7
37	10-457	WASHER	6
36	10-279	STUD	7
35	11-254	ANODE	1
34	11-549	S.H.C.S.	1
33	10-107	S.H.C.S.	1
32	10-669	PLUG, EXPANSION	1
31	10-399	O-RING	1
30	10-613	NUT, RETAINING	1
29	10-607	NUT, COVER, 540	1
28	10-668	WASHER, TAB	1
27	10-155	PLUG, DRAIN, MAGNETIC	1
26	10-285	WASHER, SEAL	1
25	10-449	O-RING	1
24	11-204	SET SCREW	2
23	10-678	CARRIER, SEAL	1
22	11-518	OIL SEAL, FISHLINE CUTTER	1
21	10-679	SEAL, OIL	1
20	10-606	CARRIER, BEARING, L.H.	1
19	10-605	WASHER, DISTANCE	1
18	10-654	RING, LOAD	1
17	10-660	BEARING SET	1
16	12-499	SHAFT, PROP, 540	1
* 15	10-598	GEAR	1
14	10-657	BEARING SET	1
13	10-288	SET, SHIM	1
12	10-655	NUT	1
* 11	10-597	PINION	1
10	10-656	WASHER	1
9	10-653	RACE, BEARING	1
8	10-659	BEARING ROLLER	1
7	10-685	SET, SHIM	1
6	10-609	SET, SHIM	1
5	10-649	NUT	1
4	10-658	SET, BEARING	1
3	10-651	BEARING	1
2	10-595	SHAFT, DRIVE	1
1	11-580	CASTING, HOUSING, LOWER	1

ITEM NO.	PART NO.	DESCRIPTION	QTY.
Konrad			
NEXT ASSY		TOLERANCE	
.X		MAT'L:	SCALE: DRAWN BY: LH
± .020			1:3 APP.BY:
.XX		TITLE:	
± .010			540 HP LOWER HOUSING ASS'Y, LH
.XXX		DATE:	DRAWING NUMBER
± .005		6/5/07	30-520M

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WEIGHT: 52.46 LBS



** THIS IS A STANDARD LOWER GEAR ASSY, IF YOURS IS A CUSTOM ASSY, PLEASE CONTACT THE FACTORY TO VERIFY CORRECT COMPONENTS

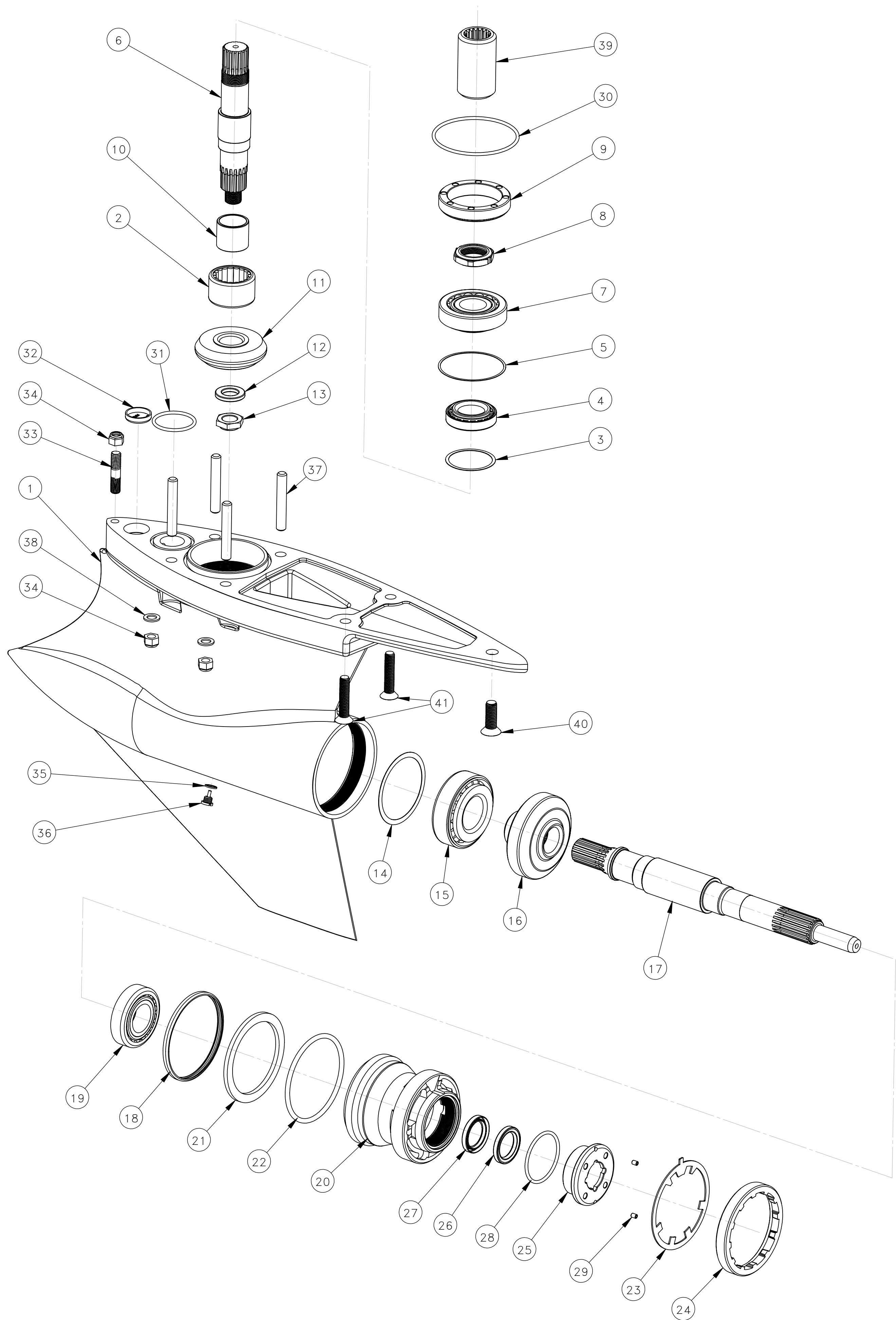
* SOLD AS GEAR SET 30-268

46	12-587	PLUG	1
45	11-205	SET SCREW	1
44	10-669	PLUG, EXPANSION	1
43	10-399	O-RING	1
42	10-155	PLUG, DRAIN, MAGNETIC	1
41	10-285	WASHER, SEAL	1
40	10-457	WASHER	6
39	10-314	NUT	7
38	10-279	STUD	7
37	10-107	S.H.C.S.	1
36	11-254	ANODE	1
35	11-549	S.H.C.S.	1
34	11-518	OIL SEAL, FISHLINE CUTTER	1
33	11-204	SET SCREW	2
32	10-678	CARRIER, SEAL	1
31	10-679	SEAL, OIL	1
30	10-449	O-RING	1
29	10-652	BEARING, ROLLER	1
28	10-607	NUT, COVER, 540	1
27	10-668	WASHER, TAB	1
26	10-661	CARRIER, BEARING, R.H.	1
25	10-043	O-RING	1
24	10-605	WASHER, DISTANCE	1
23	10-654	RING, LOAD	1
22	10-663	WASHER, THRUST	1
* 21	30-262	GEAR, LOWER, 540, RH, ASSY	1
20	10-601	SPACER	1
19	10-662	NUT	1
18	30-233	IMPELLER, OIL, ASSY	1
17	10-657	BEARING SET	2
16	10-288	SET, SHIM	1
15	12-498	SHAFT, PROP, 540, R.H.	1
14	10-655	NUT	1
13	10-656	WASHER	1
* 12	10-597	PINION	1
11	10-659	BEARING ROLLER	1
10	10-653	RACE, BEARING	1
9	10-400	O-RING	1
8	10-613	NUT, RETAINING	1
7	10-685	SET, SHIM	1
6	10-609	SET, SHIM	1
5	10-649	NUT	1
4	10-658	SET, BEARING	1
3	10-651	BEARING	1
2	10-595	SHAFT, DRIVE	1
1	11-580	CASTING, HOUSING, LOWER	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

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WEIGHT: 51.78 LBS

NEXT ASSY	TOLERANCE	MAT'L:	SCALE:	DRAWN BY:	LH
	.X ± .020		1:3	APP.BY:	
	.XX ± .010	TITLE:	540 HP LOWER HOUSING ASS'Y, RH		
	.XXX ± .005	DATE:	6/6/07	DRAWING NUMBER	30-521M



** THIS IS A STANDARD LOWER GEAR ASSY, IF YOURS IS A CUSTOM ASSY, PLEASE CONTACT THE FACTORY TO VERIFY CORRECT COMPONENTS

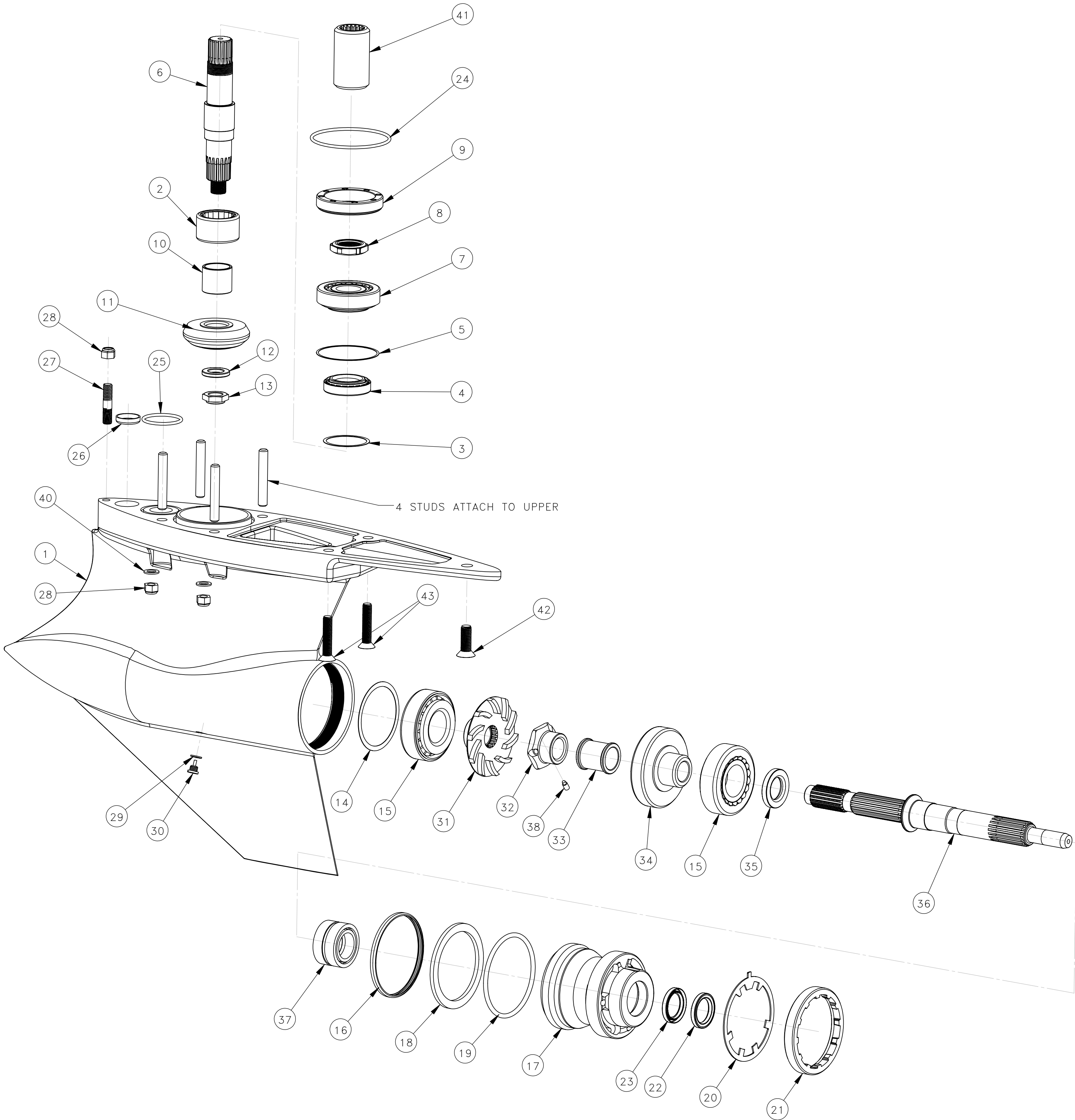
* SOLD AS GEAR SET 30-206

41	12-136	CAP SCREW	2
40	12-082	CAP SCREW	1
39	10-506	COUPLING	1
38	12-134	WASHER	4
37	11-550	STUD	4
36	10-155	PLUG, DRAIN, MAGNETIC	1
35	10-285	WASHER, SEAL	1
34	10-314	NUT	5
33	10-279	STUD	1
32	10-669	PLUG, EXPANSION	1
31	10-399	O-RING	1
30	10-400	O-RING	1
29	11-204	SET SCREW, SHCS, SS	2
28	10-449	O-RING	1
27	10-679	SEAL, OIL	1
26	11-518	OIL SEAL, FISHLINE CUTTER	1
25	10-678	CARRIER, SEAL	1
24	10-607	NUT, COVER, 540	1
23	10-668	WASHER, TAB	1
22	10-043	O-RING	1
21	10-605	WASHER, DISTANCE	1
20	10-606	CARRIER, BEARING, L.H.	1
19	10-660	BEARING SET	1
18	10-654	RING, LOAD	1
17	12-157	SHAFT, PROP, 540, L.H.	1
* 16	10-598	GEAR	1
15	10-657	BEARING SET	1
14	10-288	SET, SHIM	1
13	10-260	LOCKNUT, STAKE	1
12	10-656	WASHER	1
* 11	10-597	PINION	1
10	10-653	RACE, BEARING	1
9	10-613	NUT, RETAINING	1
8	10-649	NUT	1
7	10-658	SET, BEARING	1
6	12-038	SHAFT, VERTICAL, 540, X-FACTOR	1
5	10-685	SET, SHIM	1
4	10-651	BEARING	1
3	10-609	SET, SHIM	1
2	10-659	BEARING ROLLER	1
1	12-037	HOUSING, GEAR, 540 X-FACTOR	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

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WEIGHT: 47.41 LBS

NEXT ASSY	TOLERANCE	Konrad	
.X	± .020	MAT'L:	SCALE: DRAWN BY: LH
.XX	± .010	TITLE:	1:3 APP.BY:
.XXX	± .005	DATE:	8/10/06
		DRAWING NUMBER	30-434M



** THIS IS A STANDARD LOWER GEAR ASSY, IF YOURS IS A CUSTOM ASSY, PLEASE CONTACT THE FACTORY TO VERIFY CORRECT COMPONENTS

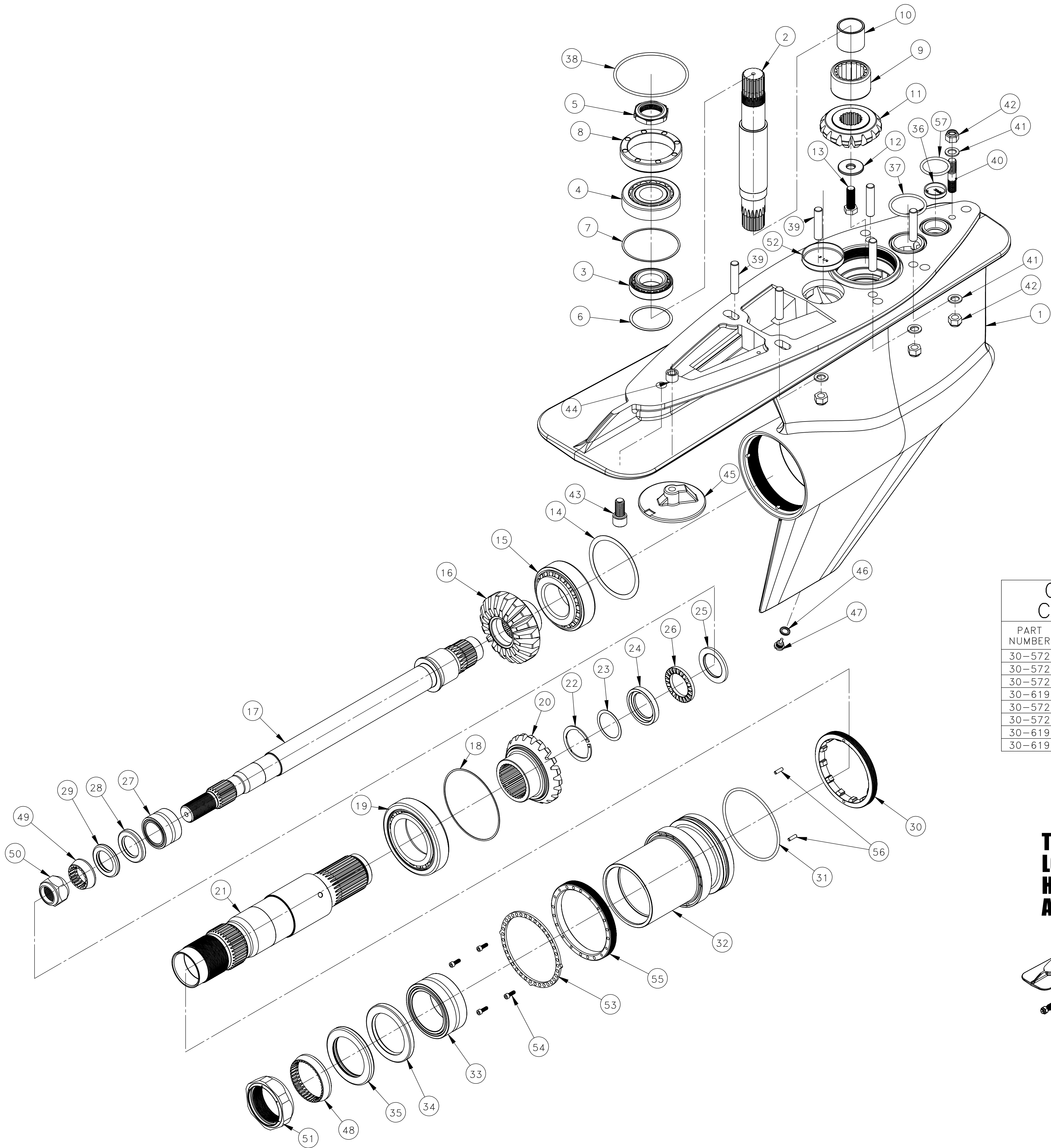
* SOLD AS GEAR SET 30-268

43	12-136	CAP SCREW	2
42	12-082	CAP SCREW	1
41	10-506	COUPLING	1
40	12-134	WASHER	4
39	11-550	STUD	4
38	11-205	SET SCREW	1
37	10-652	BEARING, ROLLER	1
36	12-147	SHAFT, PROPELLER, 540, R.H.	1
35	10-663	WASHER, THRUST	1
* 34	30-262	GEAR, LOWER, 540, RH, ASSY	1
33	10-601	SPACER	1
32	10-662	NUT	1
31	30-233	IMPELLER, OIL, ASSY	1
30	10-155	PLUG, DRAIN, MAGNETIC	1
29	10-285	WASHER, SEAL	1
28	10-314	NUT	5
27	10-279	STUD	1
26	10-669	PLUG, EXPANSION	1
25	10-399	O-RING	1
24	10-400	O-RING	1
23	10-679	SEAL, OIL	1
22	11-518	OIL SEAL, FISHLINE CUTTER	1
21	10-607	NUT, COVER, 540	1
20	10-668	WASHER, TAB	1
19	10-043	O-RING	1
18	10-605	WASHER, DISTANCE	1
17	12-146	CARRIER, BEARING, R.H.	1
16	10-654	RING, LOAD	1
15	10-657	BEARING SET	2
14	10-288	SET, SHIM	1
13	10-260	LOCKNUT, STAKE	1
12	10-656	WASHER	1
* 11	10-597	PINION, 15 TOOTH	1
10	10-653	RACE, BEARING	1
9	10-613	NUT, RETAINING	1
8	10-649	NUT	1
7	10-658	SET, BEARING	1
6	12-038	SHAFT, VERTICAL, 540, SHORT	1
5	10-685	SET, SHIM	1
4	10-651	BEARING	1
3	10-609	SET, SHIM	1
2	10-659	BEARING ROLLER	1
1	12-037	HOUSING, GEAR, 540 1" SHORT	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

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WEIGHT: 48.25 LBS

NEXT ASSY	TOLERANCE	Konrad	
.X	MAT'L:	SCALE:	DRAWN BY: LH
± .020		1:3	APP.BY:
.XX	TITLE:	540, HOUSING ASSY, X-FACTOR, R.H.	
± .010		DRAWING NUMBER	
.XXX	DATE:	30-435M	
± .005	8/10/06		

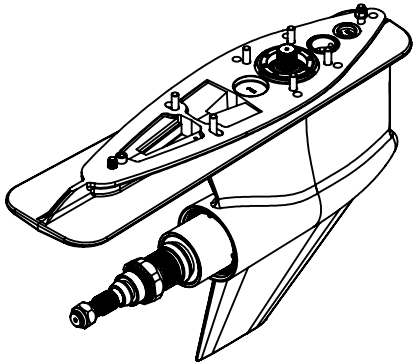


** THIS IS A STANDARD LOWER GEAR ASSY, IF YOURS IS A CUSTOM ASSY, PLEASE CONTACT THE FACTORY TO VERIFY CORRECT COMPONENTS

* SEE GEAR CHART FOR GEAR SET NUMBER

GEAR CHART	
PART NUMBER	560 RATIO
30-572	1.094
30-572	1.209
30-572	1.327
30-619	1.404
30-572	1.508
30-572	1.667
30-619	1.751
30-619	1.935

TWIN PROP
LOWER
HOUSING
ASS'Y



57	13-021	O-RING	1
56	12-996	PIN, DOWEL	2
55	12-954	NUT, RETAINING, AFT	1
54	12-839	CAP SCREW, SH	4
53	12-838	WASHER, TAB, 560	1
52	12-847	PLUG, EXPANSION	1
51	12-506	LOCKNUT, FORWARD PROP, TP	1
50	12-529	NYLOCK NUT, AFT PROP	1
49	12-508	THRUST HUB, REAR PROP	1
48	12-509	THRUST HUB, FRONT PROP	1
47	10-155	PLUG, DRAIN, MAGNETIC	1
46	10-285	WASHER, SEAL	1
45	11-254	ANODE	1
44	10-107	S.H.C.S.	1
43	11-549	S.H.C.S.	1
42	10-314	NYLOCK NUT, BRS	7
41	12-134	WASHER	7
40	10-279	STUD	1
39	12-844	STUD	6
38	10-400	O-RING	1
37	10-399	O-RING	1
36	10-669	PLUG, EXPANSION	1
35	12-518	SEAL, FISHLINE CUTTER, FORWARD PROP SHAFT	1
34	12-526	SEAL, INNER, FORWARD PROP SHAFT	1
33	12-522	NEEDLE BEARING, FORWARD TP SHAFT	1
32	12-510	CARRIER, TWIN PROP	1
31	12-527	O-RING, TWIN PROP CARRIER	1
30	12-513	NUT, RETAINING, TP	1
29	12-517	SEAL, FISHLINE CUTTER, REAR PROP SHAFT	1
28	12-525	SEAL, INNER, REAR PROP SHAFT	1
27	12-520	NEEDLE BEARING, REAR TP SHAFT	1
26	12-523	THRUST BEARING, TWIN PROP	1
25	12-524	THRUST WASHER, TWIN PROP	1
24	12-505	THRUST CAP, TP	1
23	12-516	SHIM SET, THRUST CAP, TP	1
22	12-528	EXTERNAL RETAINING RING, TP GEAR	1
21	12-502	SHAFT, PROP, FORWARD TP	1
* 20		GEAR, HORIZONTAL, FORWARD TP	1
19	12-521	BEARING SET, FORWARD TP SHAFT	1
18	12-515	SHIM SET, REAR BEARING, TP	1
* 17	12-503	SHAFT, PROP, AFT TP	1
* 16		GEAR, HORIZONTAL, AFT TP	1
15	12-519	BEARING SET, REAR TP SHAFT	1
14	12-514	SHIM SET, FRONT BEARING, TP	1
13	11-481	H.H.C.S.	1
12	12-504	WASHER	1
* 11		PINION, VERTICAL	1
10	10-653	RACE, BEARING	1
9	10-659	BEARING ROLLER	1
8	10-613	NUT, RETAINING	1
7	10-685	SET, SHIM	1
6	10-609	SET, SHIM	1
5	10-649	NUT, NYLOCK	1
4	10-658	SET, BEARING	1
3	10-651	BEARING	1
2	12-511	SHAFT, VERTICAL, LOWER TWIN PROP	1
1	12-500	HOUSING, GEAR, TWIN PROP	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

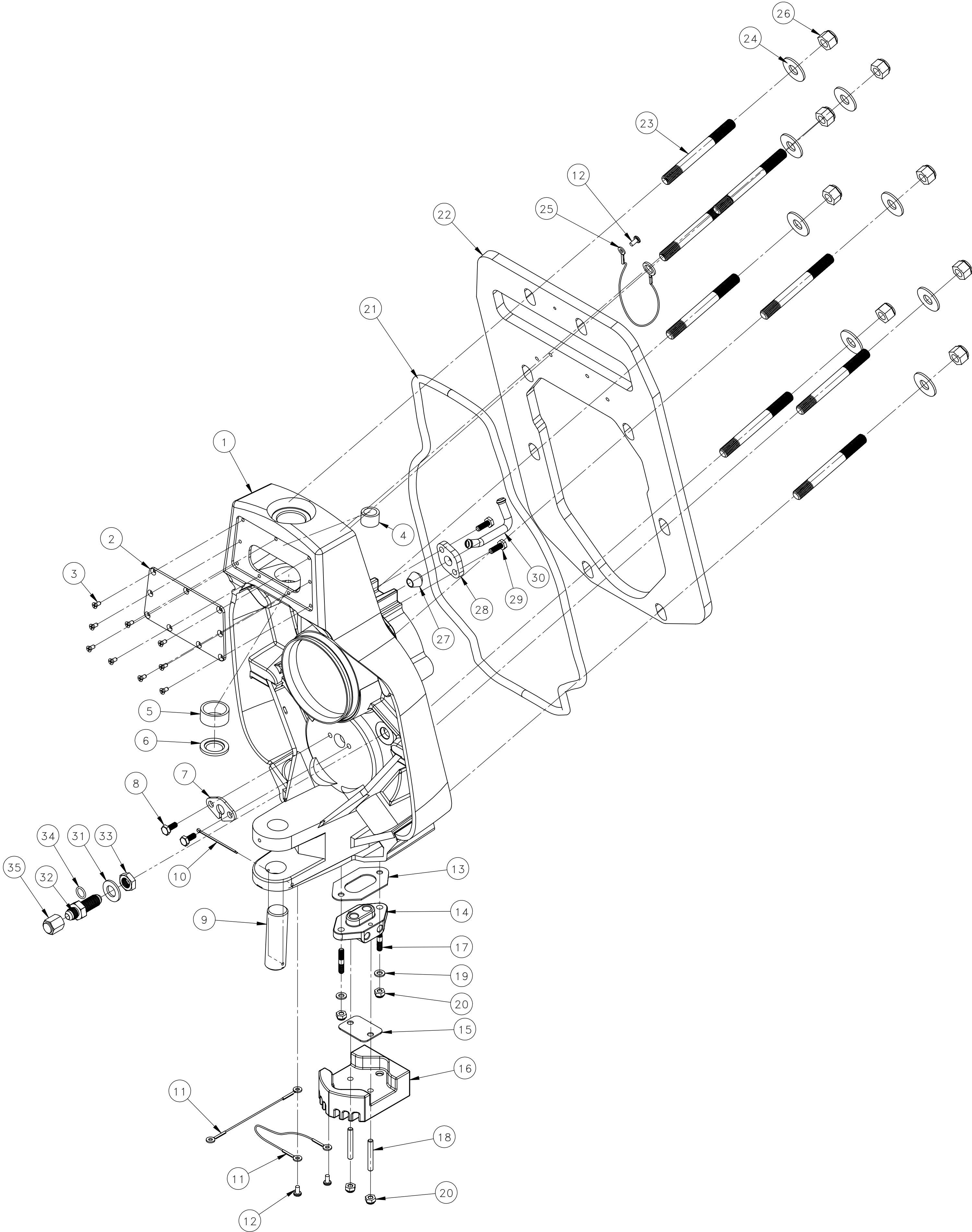
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WEIGHT: 69.13 LBS

NEXT ASSY	TOLERANCE
.X	± .020
.XX	± .010
.XXX	± .005

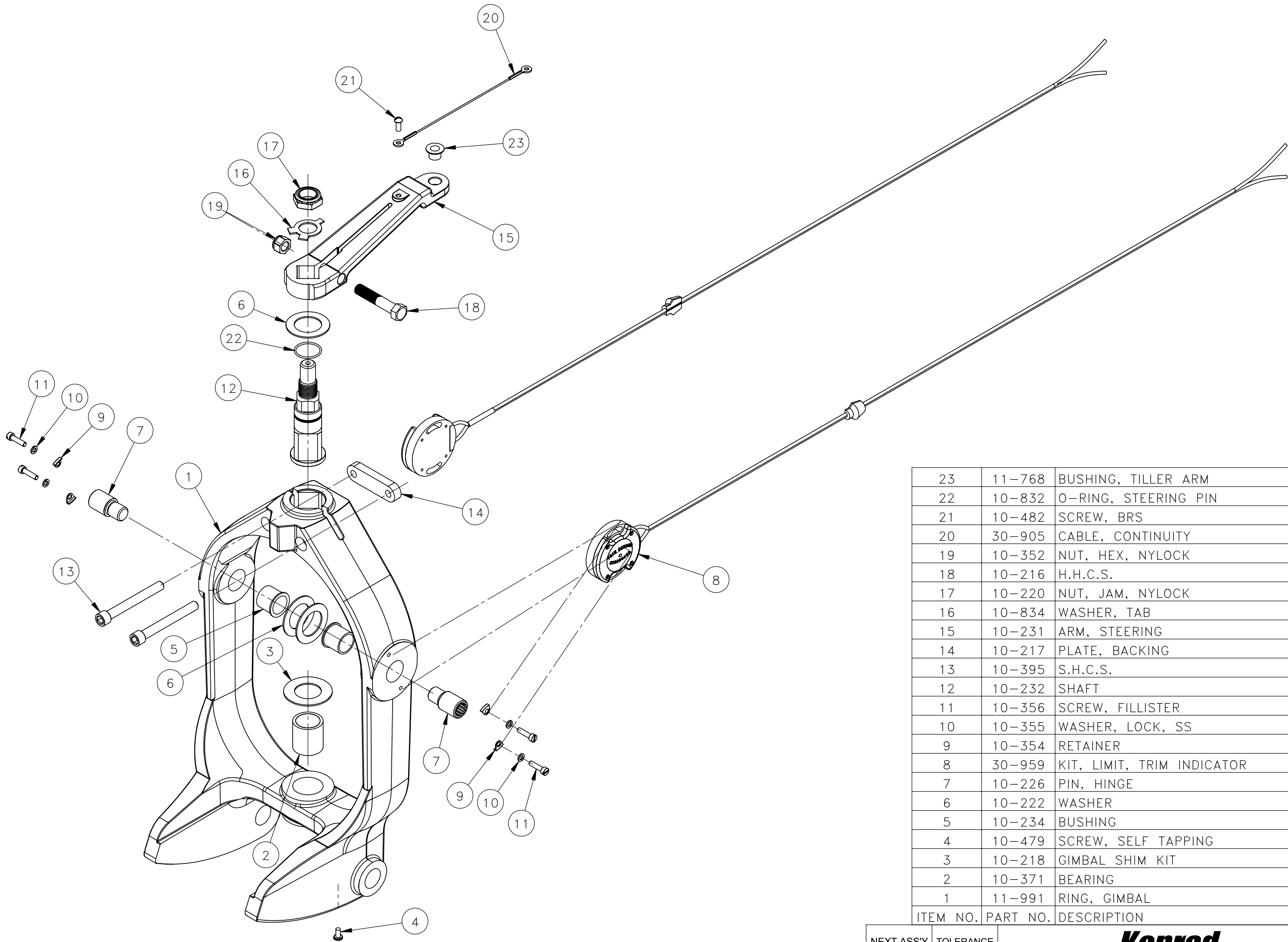
MAT'L:	SCALE: DRAWN BY: SC
TITLE:	1:2.5 APP.BY:
DATE:	560, LOWER GEAR HOUSING ASS'Y
DRAWING NUMBER	10/17/13

Konrad



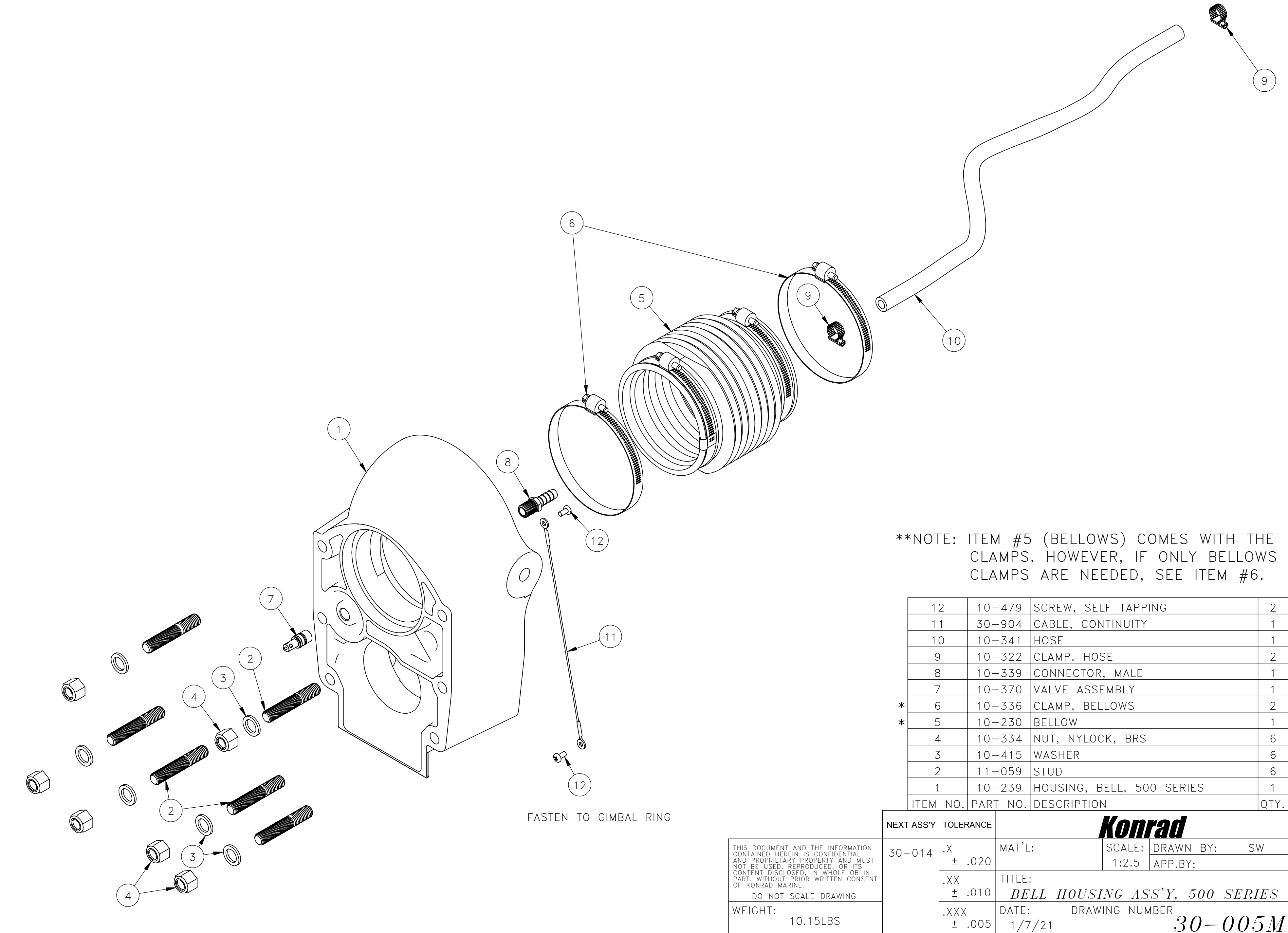
35	13-012	CAP	1
34	11-947	O-RING	1
33	11-946	NUT, BULKHEAD, S.S.	1
32	11-963	FITTING, BULKHEAD, STRAIGHT	1
31	11-789	WASHER, S.S.	1
30	10-326	TUBE, HOSE CONNECTOR	1
29	10-324	H.H.C.S.	2
28	10-221	COVER	1
27	10-325	BUSHING, RUBBER	1
26	10-334	NUT, NYLOCK, BRS	8
25	30-906	CABLE, CONTINUITY	1
24	10-584	WASHER	8
23	10-251	STUD	8
22	10-357	TRANSOM PLATE	1
21	10-392	FOAM GASKET	1
20	10-333	NUT, NYLOCK, BRS	4
19	10-343	FLAT WASHER, S.S.	2
18	10-468	STUD	2
17	10-253	STUD	2
16	10-456	ANODE, GIMBAL ASS'Y	1
15	11-285	GASKET, ANODE	1
14	10-331	CONNECTOR	1
13	10-330	GASKET	1
12	10-479	SCREW, SELF TAPPING	2
11	30-907	CABLE, CONTINUITY	2
10	10-321	COTTER PIN	1
9	10-215	PIN	1
8	10-320	H.H.C.S.	2
7	10-225	PLATE, WIRE	1
6	10-431	SEAL	1
5	10-382	PLAIN BEARING	1
4	10-381	PLAIN BEARING	1
3	10-409	F.H.C.S.	9
2	10-406	PLATE, COVER	1
1	20-100	HOUSING, GIMBAL	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

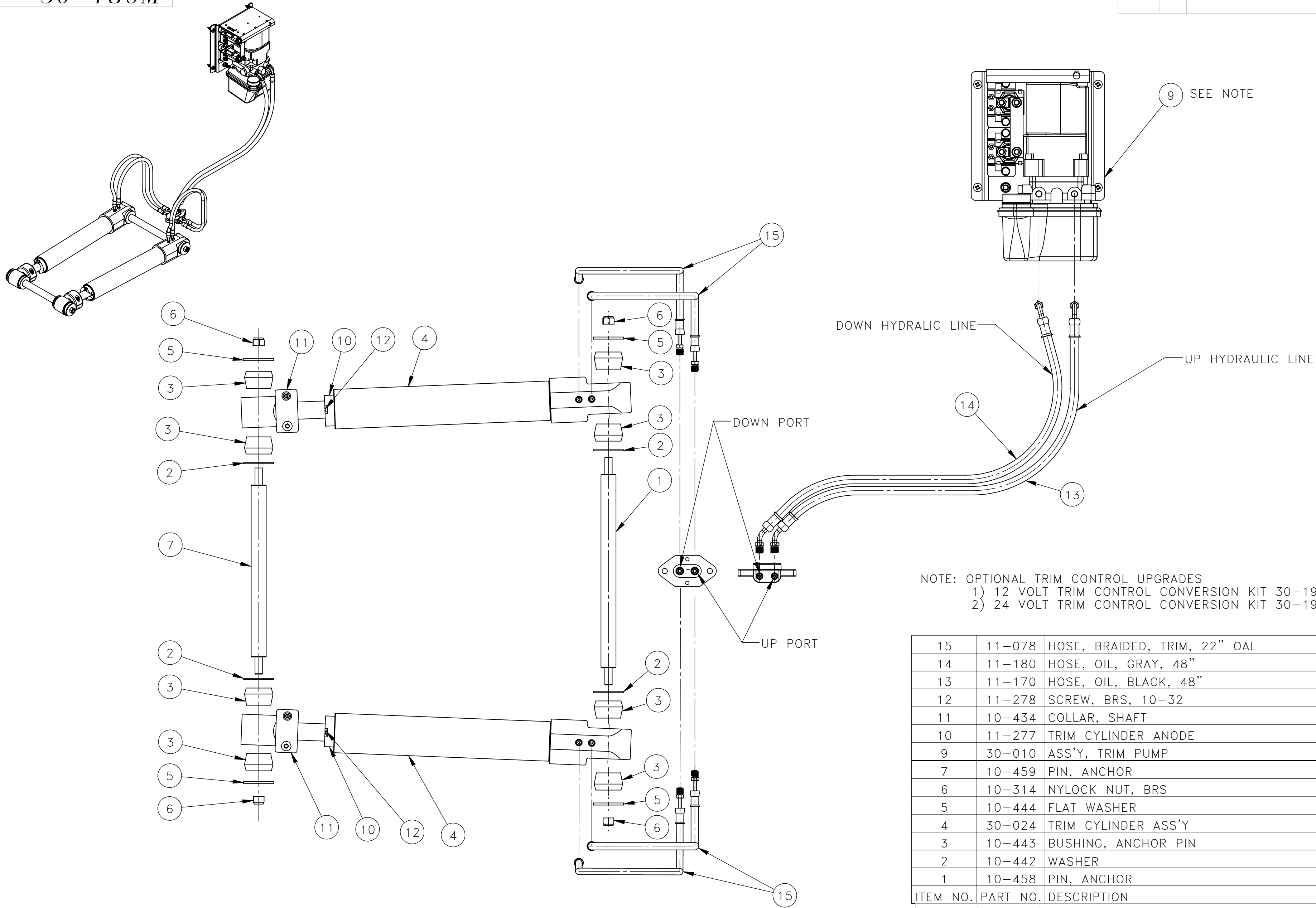
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	30-014	.X ± .020	MAT'L:	SCALE: 1:3
	.XX ± .010	TITLE: ASSY, GIMBAL HOUSING, 500 SERIES		
	.XXX ± .005	DATE: 10/30/03	DRAWN BY: SW	APP.BY:
WEIGHT: 35.05 LBS	DRAWING NUMBER		30-003M	



23	11-768	BUSHING, TILLER ARM	1
22	10-832	O-RING, STEERING PIN	1
21	10-482	SCREW, BRS	1
20	30-905	CABLE, CONTINUITY	1
19	10-352	NUT, HEX, NYLOCK	1
18	10-216	H.H.C.S.	1
17	10-220	NUT, JAM, NYLOCK	1
16	10-834	WASHER, TAB	1
15	10-231	ARM, STEERING	1
14	10-217	PLATE, BACKING	1
13	10-395	S.H.C.S.	2
12	10-232	SHAFT	1
11	10-356	SCREW, FILLISTER	4
10	10-355	WASHER, LOCK, SS	4
9	10-354	RETAINER	4
8	30-959	KIT, LIMIT, TRIM INDICATOR	1
7	10-226	PIN, HINGE	2
6	10-222	WASHER	3
5	10-234	BUSHING	2
4	10-479	SCREW, SELF TAPPING	1
3	10-218	GIMBAL SHIM KIT	1
2	10-371	BEARING	1
1	11-991	RING, GIMBAL	1
ITEM NO. PART NO. DESCRIPTION			QTY.

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	30-014 30-170 30-297	.X ± .020 .XX ± .010 .XXX ± .005	MAT'L:	SCALE: 1:3	DRAWN BY: SW
			TITLE: ASSY, GIMBAL RING, 500 SERIES		
			DATE: 11/3/03	DRAWING NUMBER 30-004M	





NOTE: OPTIONAL TRIM CONTROL UPGRADES
1) 12 VOLT TRIM CONTROL CONVERSION KIT 30-198
2) 24 VOLT TRIM CONTROL CONVERSION KIT 30-194

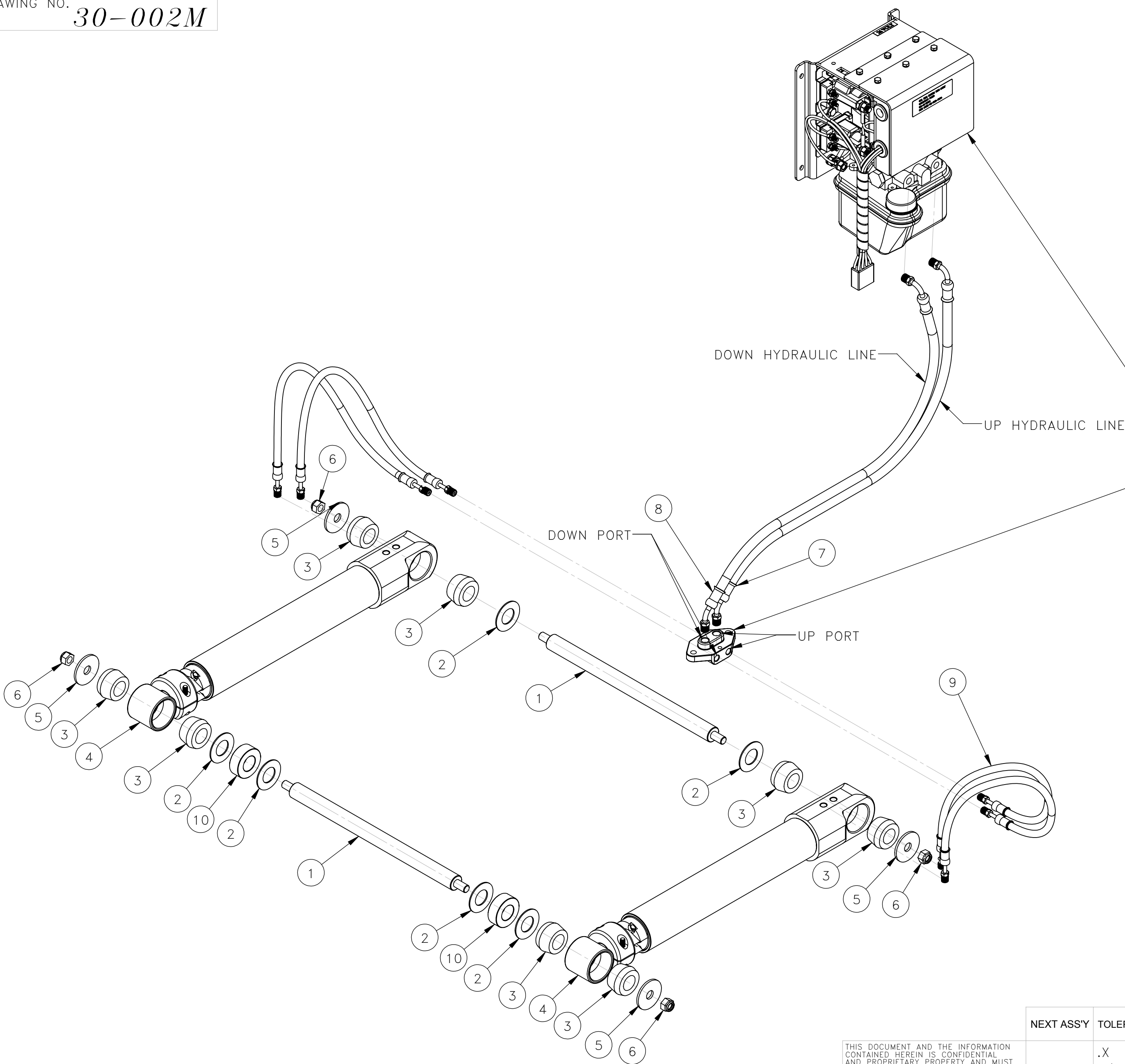
15	11-078	HOSE, BRAIDED, TRIM, 22" OAL	4
14	11-180	HOSE, OIL, GRAY, 48"	1
13	11-170	HOSE, OIL, BLACK, 48"	1
12	11-278	SCREW, BRS, 10-32	4
11	10-434	COLLAR, SHAFT	2
10	11-277	TRIM CYLINDER ANODE	2
9	30-010	ASS'Y, TRIM PUMP	1
7	10-459	PIN, ANCHOR	1
6	10-314	NYLOCK NUT, BRS	4
5	10-444	FLAT WASHER	4
4	30-024	TRIM CYLINDER ASS'Y	2
3	10-443	BUSHING, ANCHOR PIN	8
2	10-442	WASHER	4
1	10-458	PIN, ANCHOR	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

NEXT ASS'Y	TOLERANCE	Konrad	
	.X ± .020	MAT'L:	SCALE: DRAWN BY: JW
	.XX ± .010	TITLE:	1:4 APP.BY:
	.XXX ± .005	DATE:	DRAWING NUMBER
		1/26/98	30-186M

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WEIGHT:

DATE	SYM	REVISION	DR



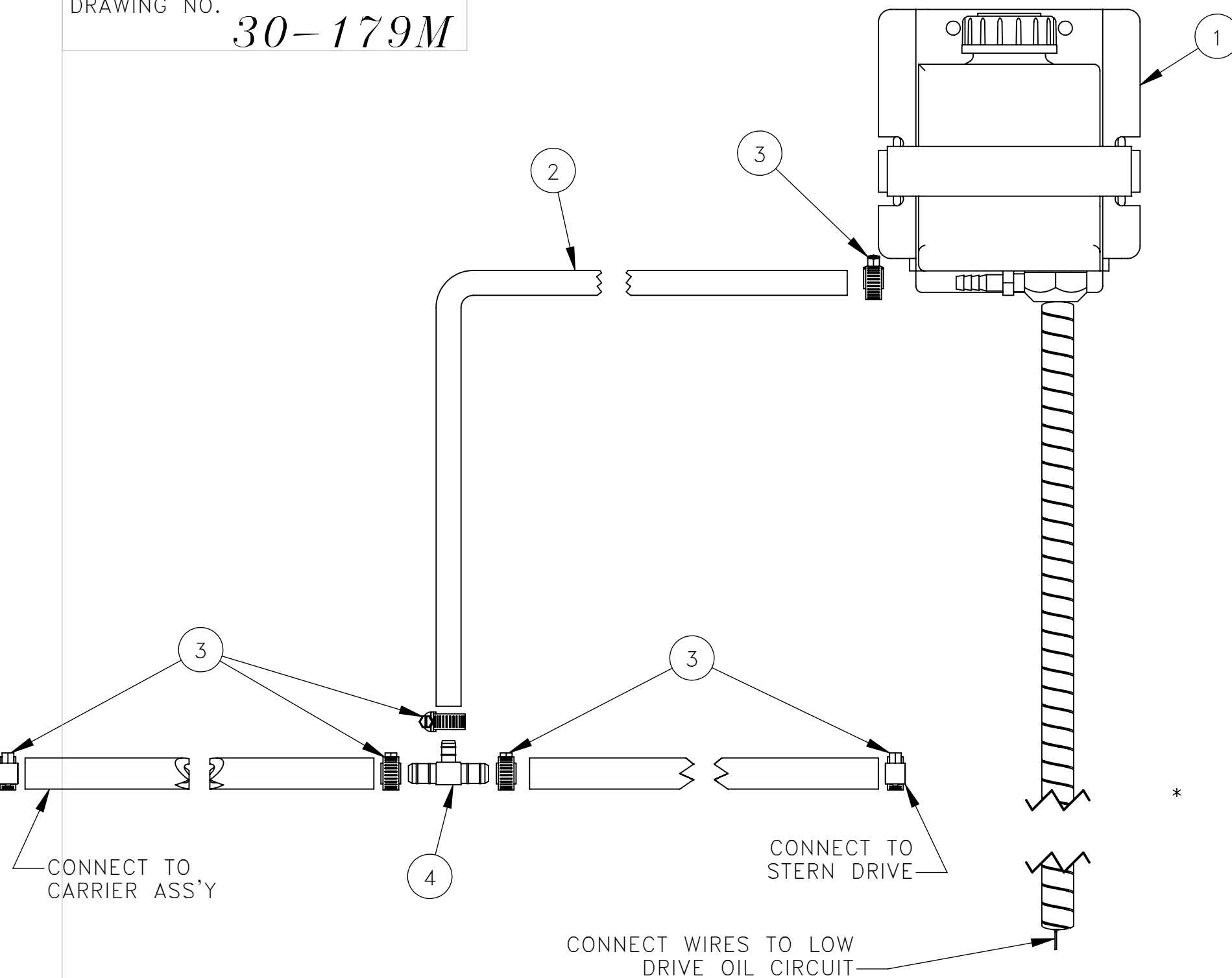
**NOTE: THIS IS THE NEW CURRENT SETUP
AS OF JANUARY 1ST, 2009. FOR THE OLD
SETUP REFER TO KM#30-186

10	12-535	SPACER, ANCHOR PIN	2
9	11-078	HOSE, BRAIDED, TRIM	4
8	10-489	HOSE, OIL, GRAY	1
7	10-490	HOSE, OIL, BLACK	1
6	10-314	NUT, BRS	4
5	10-444	WASHER	4
4	30-024	TRIM CYLINDER ASS'Y	2
3	10-443	BUSHING, ANCHOR PIN	8
2	10-442	WASHER	6
1	10-458	PIN, ANCHOR	2
ITEM NO.	PART NO.	DESCRIPTION	QTY.

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		.X ± .020	MAT'L:	SCALE: DRAWN BY: JW
		.XX ± .010	TITLE:	1:4 APP.BY:
	WEIGHT: 38.33 LBS	.XXX ± .005	DATE: 1/26/98	DRAWING NUMBER 30-002M

30-179M

DATE	SYM	REVISION	DR



* PREVIOUS FASTENER FOR BOTTLE WAS 10-567 SPRING

5	10-705	HOSE	2
4	10-586	TEE	1
3	10-322	CLAMP, HOSE	6
2	10-706	HOSE	1
	10-871	SPIRAL LOOM	1
	10-913	BOTTLE STRAP	1
	10-931	OIL RESERVOIR	1
	10-932	RESERVOIR BRACKET	1
1	30-294	OIL RESERVOIR ASS'Y	1
ITEM NO.	PART NO.	DESCRIPTION	QTY

NEXT ASS'Y	TOLERANCE	<i>Konrad</i>			
30-018 30-044 30-170	.X ± .020	MAT'L:	SCALE: 1:2.5	DRAWN BY:	SW
	.XX ± .010	TITLE: <i>LUBRICATION SYSTEM ASS'Y, 1 PINT</i>			
	.XXX ± .005	DATE: 12/23/03	DRAWING NUMBER <i>30-179M</i>		

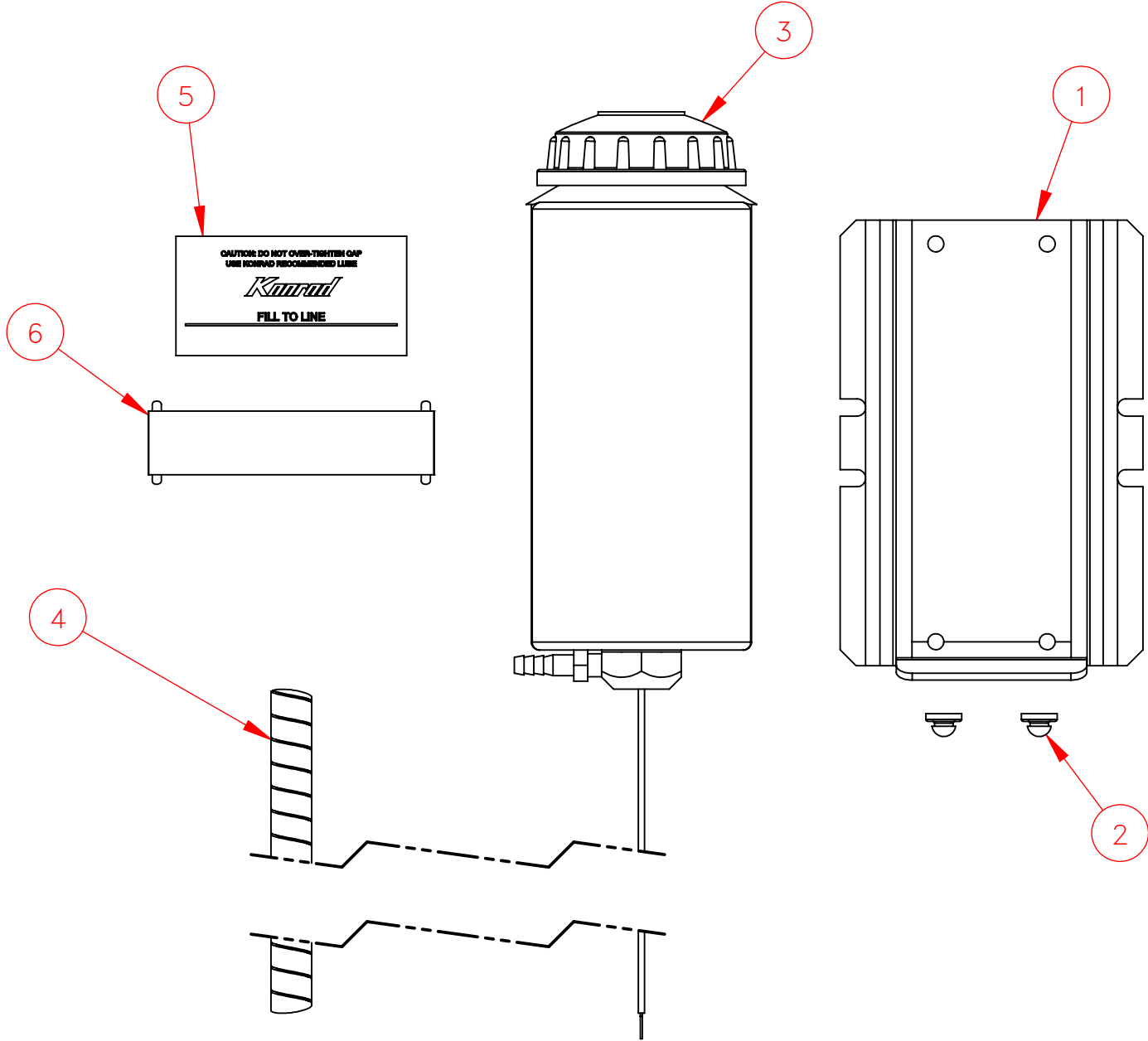
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WEIGHT: 1.11LBS

OIL RES ASS

DATE	SYM	REVISION	DR

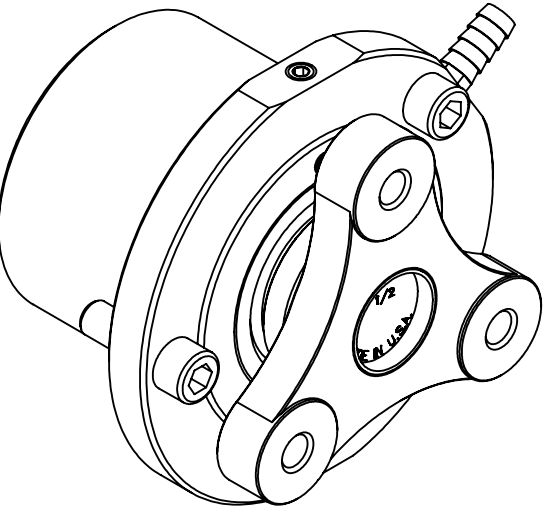
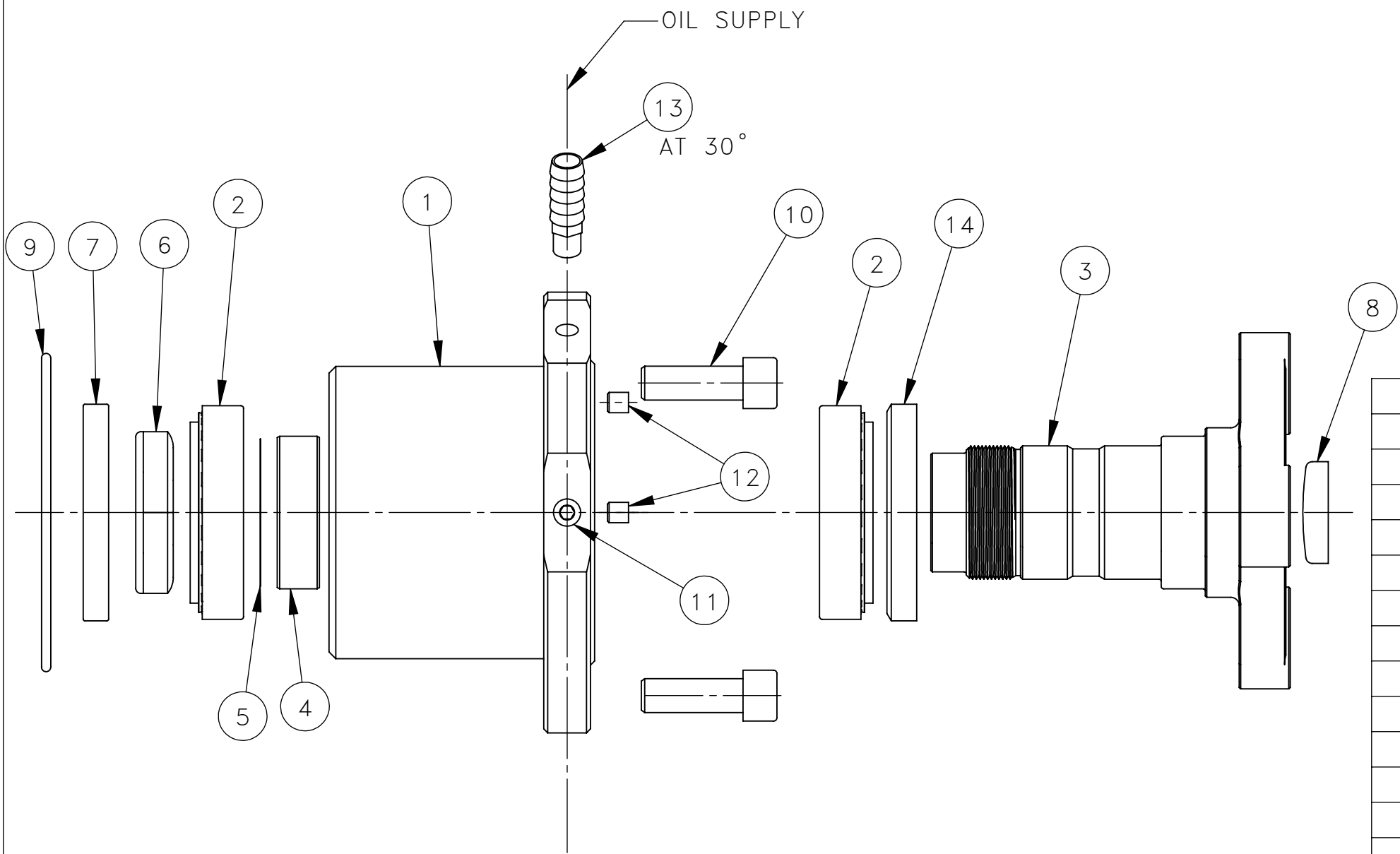


6	10-913	BOTTLE STRAP	1
5	10-429	LABEL, OIL RESERVOIR	1
4	10-871	SPIRAL LOOM, 3/8" x	1
3	10-416	OIL RESERVOIR, 1 QUART	1
2	11-291	BUMPER	2
1	10-510	RESERVOIR BRACKET, 1	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

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WEIGHT: 1.06 LBS

NEXT ASS'Y	TOLERANCE	<i>Konrad</i>		
30-019	.X ± .020	MAT'L:	SCALE: 1:2.5	DRAWN BY: LH
	.XX ± .010	TITLE: <i>OIL RESERVOIR ASS'Y, 1 QUART</i>		
	.XXX ± .005	DATE: 5/18/09	DRAWING NUMBER <i>30-295M</i>	



THIS CARRIER ASSEMBLY IS USED FOR TRI-LOBE APPLICATIONS

14	11-612	SEAL	1
13	10-470	NPT NIPPLE	1
12	10-469	BRASS PLUG	3
11	10-396	PLUG SHSS	2
10	10-385	S.H.C.S.	3
9	10-383	O-RING	1
8	10-485	PLUG, EXPANSION	1
7	10-473	SEAL	1
6	10-389	LOCKNUT	1
5	10-568	KIT, SHIM	1
4	10-558	SPACER	1
3	13-824	FLANGE, GIMBLE, TRILOBE, 500/600A	1
2	10-471	BEARING	2
1	10-467	CARRIER, GIMBAL	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

- * NOTES:
1. ITEM #14-ORIGINAL GIMBAL CARRIERS WITHIN TRANSOM ASSEMBLIES PRIOR TO 7/28/04 OR BEFORE A TRANSOM ASSEMBLY SERIAL #3084 WILL USE SEAL #10-472. ALL OTHER GIMBAL CARRIER ASSEMBLIES SHOULD USE SEAL #11-612.
2. ITEM #3-IF GIMBAL FLANGE IS REPLACED ON ORIGINAL GIMBAL CARRIERS WITHIN TRANSOM ASSEMBLIES PRIOR TO 7/28/04 OR BEFORE A TRANSOM ASSEMBLY SERIAL #3084 SHOULD USE SEAL #11-612.

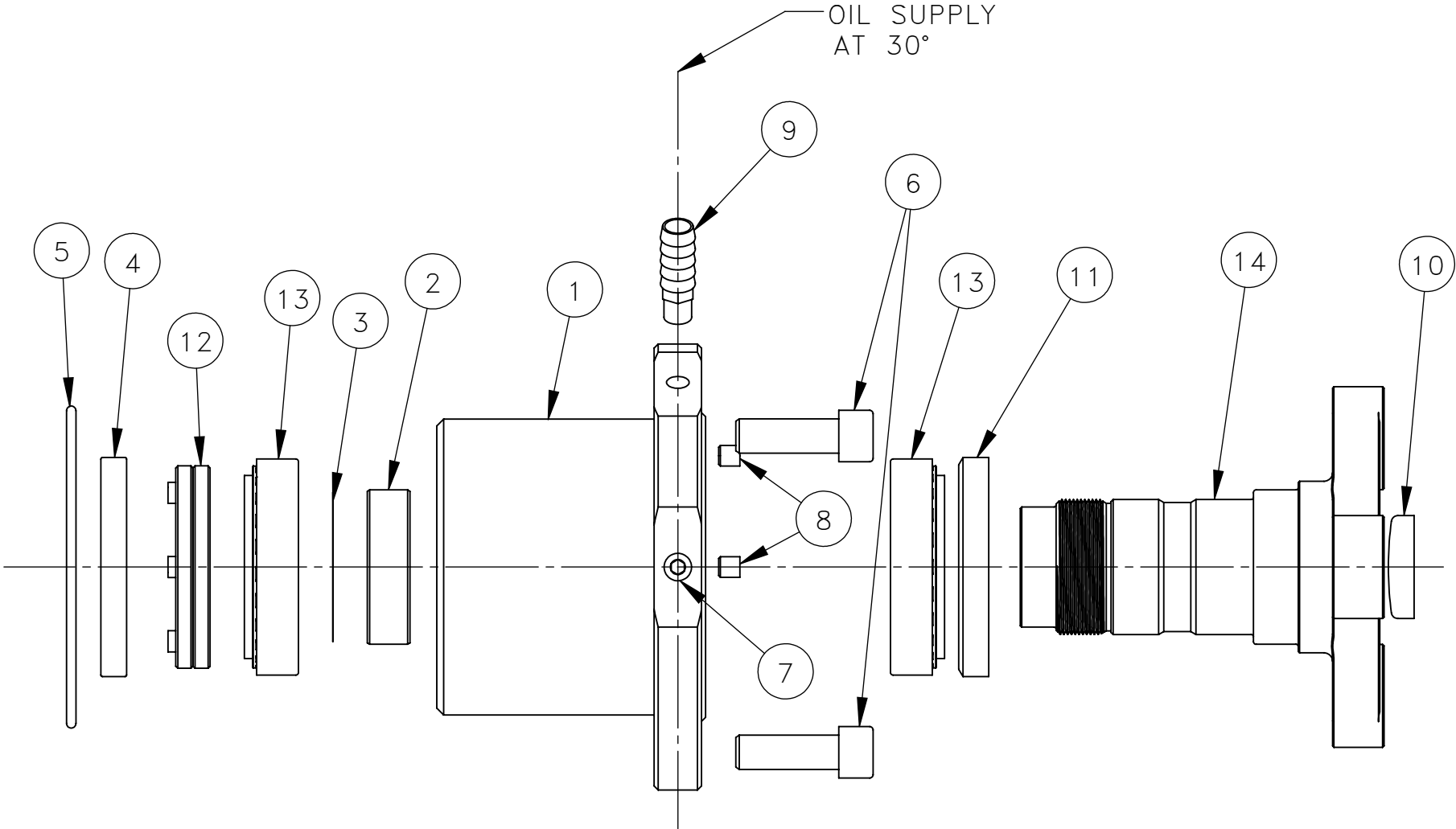
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WEIGHT: 10.96 LBS.

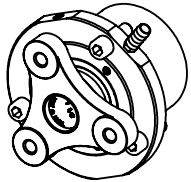
NEXT ASS'Y	TOLERANCE	Konrad			
	.X ± .020	MAT'L:	SCALE: 1:2	DRAWN BY: SC	
	.XX ± .010	TITLE: ASS'Y, GIMBAL CARRIER, 520/540, TRILOBE FLANGE			
	.XXX ± .005	DATE: 7/7/21	DRAWING NUMBER <i>30-018M</i>		

DATE	SYM	REVISION	DR



14	13-824	FLANGE, GIMBLE, TRILOBE, 500/600A	1
13	10-471	BEARING	2
12	30-324	NUT, LOCKING	1
11	11-612	SEAL	1
10	10-485	PLUG, EXPANSION	1
9	10-470	NIPPLE	1
8	10-469	BRASS PLUG	3
7	10-396	PLUG SHSS	2
6	10-385	S.H.C.S.	3
5	10-383	O-RING	1
4	10-473	SEAL	1
3	10-568	KIT, SHIM	1
2	10-558	SPACER	1
1	10-467	CARRIER, GIMBAL	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

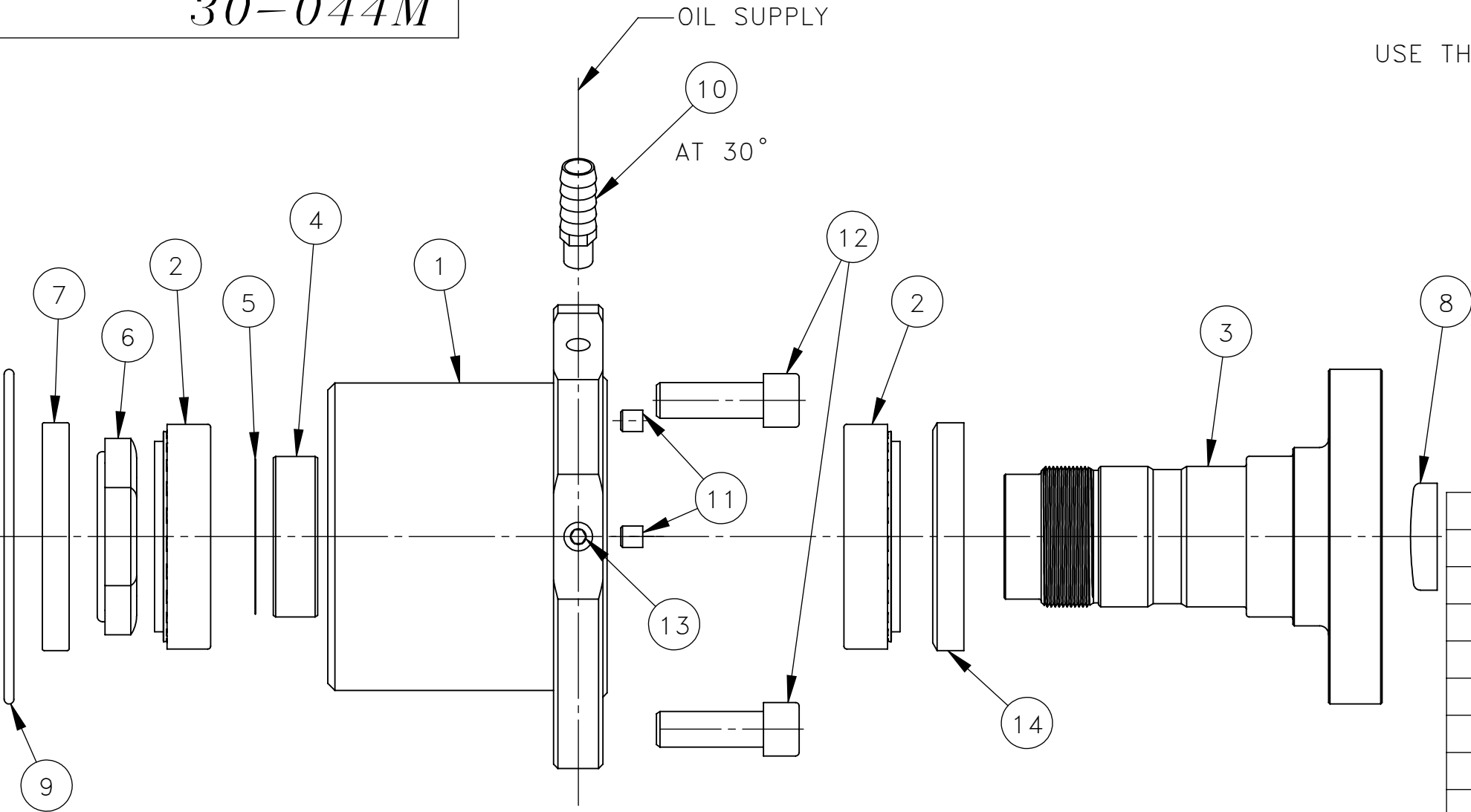
GIMBAL
CARRIER
ASS'Y



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WEIGHT: 11.20 LBS.

NEXT ASS'Y	TOLERANCE	Konrad		
	.X ± .020	MAT'L:	SCALE: 1:2.25	DRAWN BY: SC
	.XX ± .010	TITLE: ASSY, HEAVY DUTY GIMBAL CARRIER, 500/600 SERIES, TRILOBE FLANGE		
	.XXX ± .005	DATE: 7/7/21	DRAWING NUMBER <i>30-301M</i>	



USE THIS ASSEMBLY FOR DRIVE SHAFT INSTALLATIONS

THIS IS A STANDARD 520/540
GIMBAL CARRIER ASSEMBLY.
IF YOURS IS A CUSTOM ASSEMBLY
PLEASE CONTACT FACTORY TO
VERIFY CORRECT COMPONENTS.

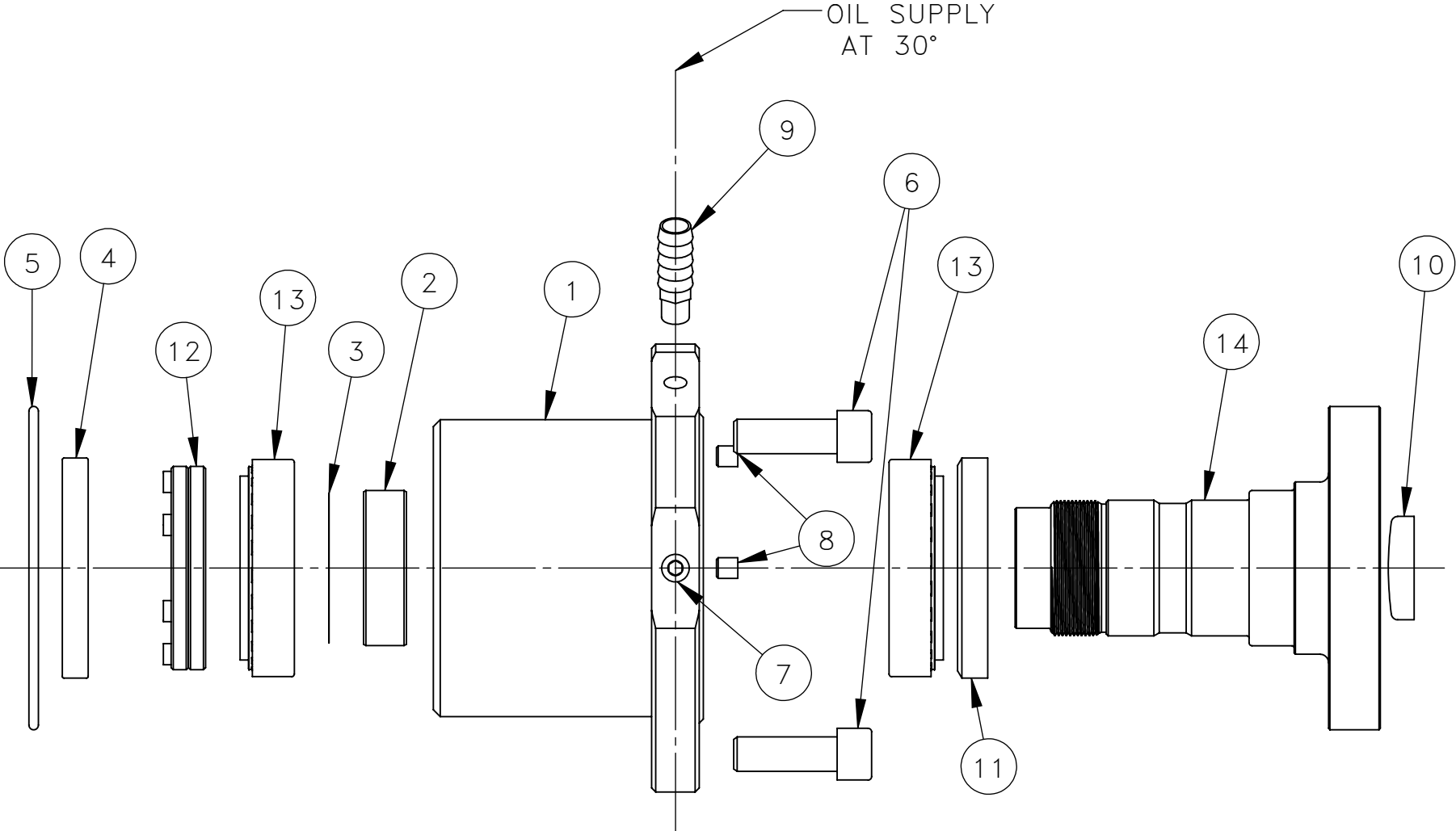
14	11-612	SEAL	1
13	10-396	PLUG SHSS	2
12	10-385	S.H.C.S.	3
11	10-469	BRASS PLUG	3
10	10-470	NIPPLE	1
9	10-383	O-RING	1
8	10-485	PLUG, EXPANSION	1
7	10-473	SEAL	1
6	10-389	LOCKNUT	1
5	10-568	KIT, SHIM	1
4	10-558	SPACER	1
3	13-823	FLANGE, GIMBLE, ROUND, 500/600A	1
2	10-471	BEARING	2
1	10-467	CARRIER, GIMBAL	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

* NOTES:

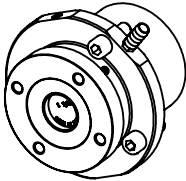
1. ITEM #13-ORIGINAL GIMBAL CARRIERS WITHIN TRANSON ASSEMBLIES
PRIOR TO 7/28/04 OR BEFORE A TRANSON ASSEMBLY
SERIAL #3084 WILL USE SEAL #10-472. ALL OTHER GIMBAL
CARRIER ASSEMBLIES SHOULD USE SEAL #11-612.
2. ITEM #14-IF GIMBAL FLANGE IS REPLACED ON ORIGINAL GIMBAL
CARRIERS WITHIN TRANSON ASSEMBLIES PRIOR TO 7/28/04 OR
BEFORE A TRANSON ASSEMBLY SERIAL #3084 SHOULD USE
SEAL #11-612.

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		.X ± .020	MAT'L:	SCALE: 1:2	DRAWN BY: SC
		.XX ± .010	TITLE: ASS'Y, GIMBAL CARRIER, 520/540, 4 BOLT FLANGE		
		.XXX ± .005	DATE: 7/7/21	DRAWING NUMBER 30-044M	

DATE	SYM	REVISION	DR



14	13-823	FLANGE, GIMBLE, ROUND, 500/600A	1
13	10-471	BEARING	2
12	30-324	NUT, LOCKING	1
11	11-612	SEAL	1
10	10-485	PLUG, EXPANSION	1
9	10-470	NIPPLE	1
8	10-469	BRASS PLUG	3
7	10-396	PLUG SHSS	2
6	10-385	S.H.C.S.	3
5	10-383	O-RING	1
4	10-473	SEAL	1
3	10-568	KIT, SHIM	1
2	10-558	SPACER	1
1	10-467	CARRIER, GIMBAL	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.



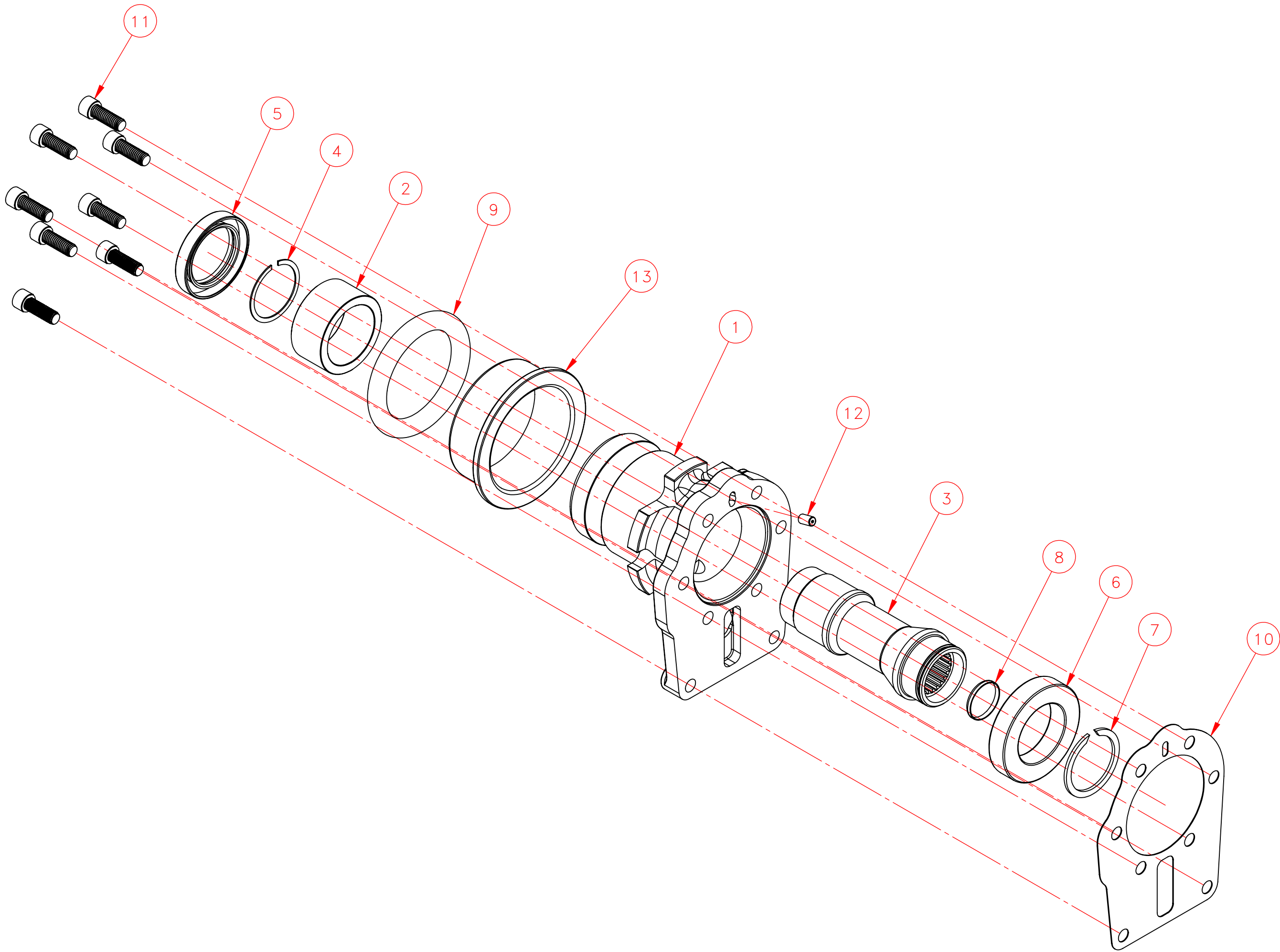
**GIMBAL
CARRIER
ASS'Y**

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WEIGHT: 12.10 LBS.

NEXT ASS'Y	TOLERANCE	<i>Konrad</i>		
	.X ± .020	MAT'L:	SCALE: 1:2.25	DRAWN BY: SC
	.XX ± .010	TITLE: ASSY, GIMBAL CARRIER HEAVY DUTY, 500/600 SERIES, 4 BOLT FLANGE		
	.XXX ± .005	DATE: 7/7/21	DRAWING NUMBER <i>30-303M</i>	

DATE	SYM	REVISION	DR



13	11-761	BUSHING, RUBBER, TAILHOUSING	1
12	11-763	ORIFICE, TAILHOUSING	1
11	11-623	CAP SCREW	8
10	11-574	GASKET, CAST TAILHOUSING	1
9	10-543	O-RING/BUMPER	1
8	11-323	PLUG, EXPANSION	1
7	11-318	RETAINER, BEARING	1
6	11-321	BEARING, KONRAD VD	1
5	11-322	SEAL, KONRAD VD	1
4	11-320	RETAINER, BEARING	1
3	11-317	COUPLING, SHAFT	1
2	11-319	BEARING, NEEDLE	1
1	11-575	TAILHOUSING, KONRAD VD	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

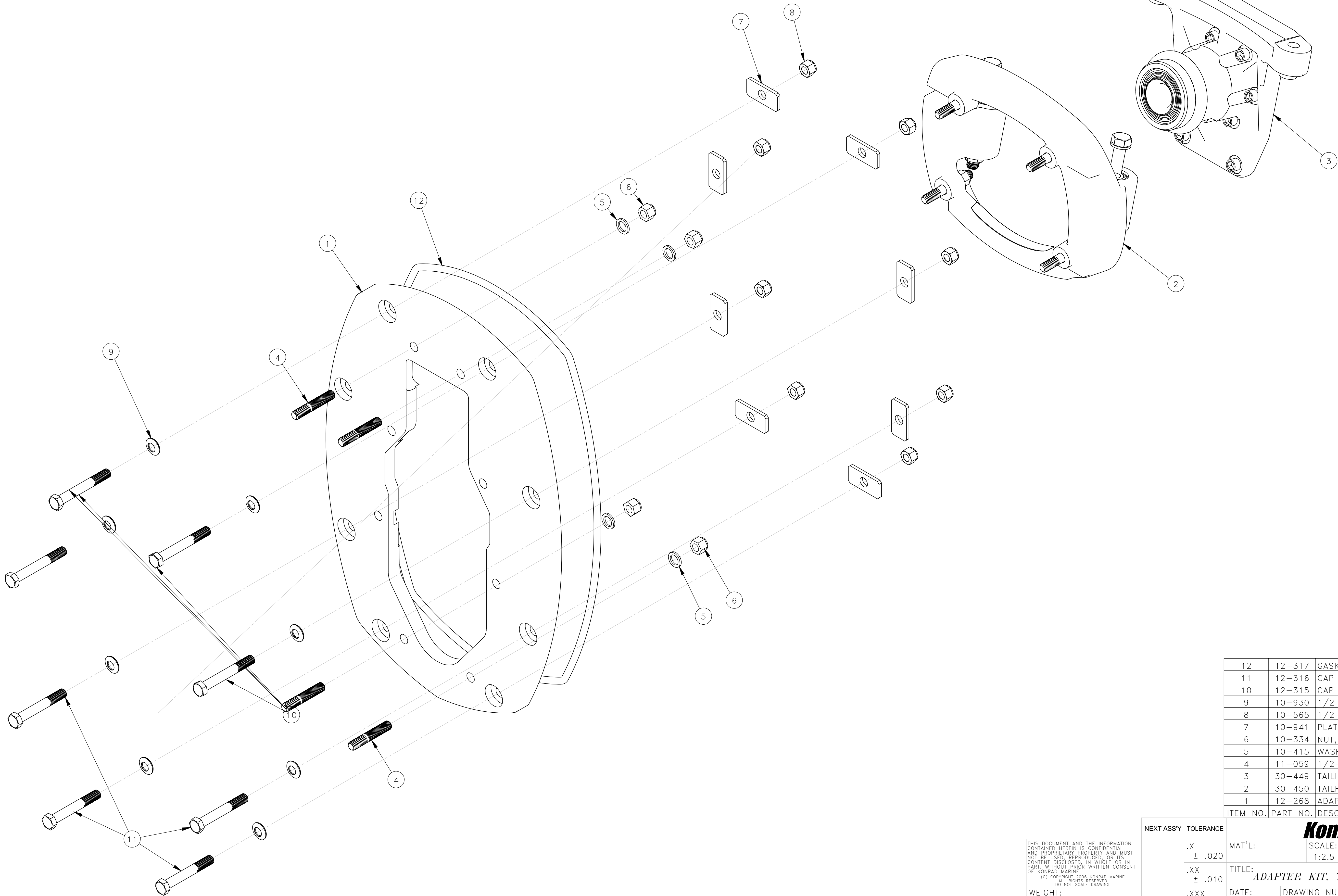
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WEIGHT: 10.94 LBS

NEXT ASSY	TOLERANCE	Konrad		
	.X ± .020	MAT'L:	SCALE: 1:3	DRAWN BY: LH
	.XX ± .010	TITLE: TAILPIECE, KONRAD VD		
	.XXX ± .005	DATE: 4/27/09	DRAWING NUMBER 30-273M	

TAIL
ASSY
KON





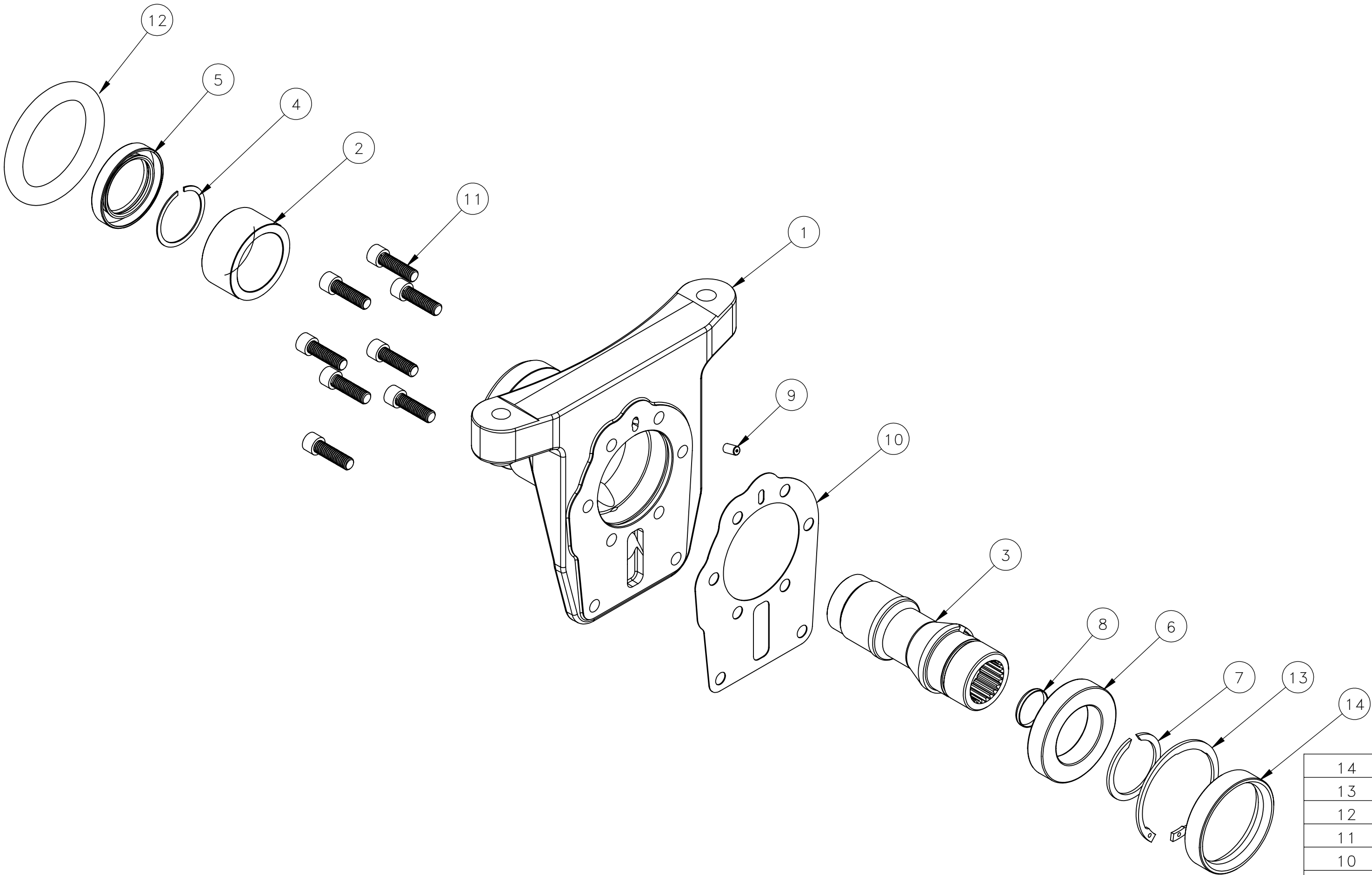
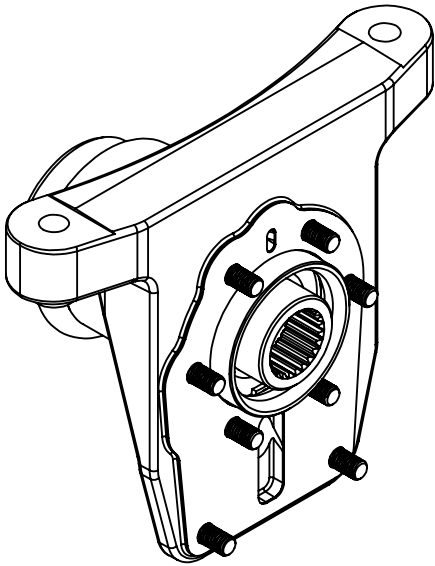
12	12-317	GASKET, FOAM, 67"	1
11	12-316	CAP SCREW, HH, SS, 1	4
10	12-315	CAP SCREW, HH, SS, 1	4
9	10-930	1/2 BOND & SEAL WA	8
8	10-565	1/2-13UNC BRS. NYLO	8
7	10-941	PLATE, BACKING	8
6	10-334	NUT, 1/2-20 UNF, NY	4
5	10-415	WASHER, .875"x.592"x.	4
4	11-059	1/2-20/13 x 2.875 S	4
3	30-449	TAILHOUSING ASS'Y, INT	1
2	30-450	TAILHOUSING MOUNT, A	1
1	12-268	ADAPTER PLATE, REAR	1

ITEM NO.	PART NO.	DESCRIPTION	QTY.
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NEXT ASSY	TOLERANCE	Konrad	
	.X ± .020	MAT'L:	SCALE: DRAWN BY: SC
	.XX ± .010	TITLE: ADAPTER KIT, TAILPIECE MOUNT	
	.XXX ± .005	DATE: 1/24/07	DRAWING NUMBER 30-490
WEIGHT: 51.54 LBS.			

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TAILHOUSING ASS'Y



14	13-082	SLEEVE, ALIGNMENT	1
13	13-066	INTERNAL RETAINING RING	1
12	10-543	O-RING/BUMPER	1
11	10-107	S.H.C.S. SS	8
10	11-574	GASKET, CAST TAILHOUSING	1
9	11-763	ORIFICE, TAILHOUSING	1
8	11-323	PLUG, EXPANSION	1
7	11-318	RETAINER, BEARING	1
6	11-321	BEARING	1
5	11-322	SEAL	1
4	11-320	RETAINER, BEARING	1
3	12-917	COUPLING, SHAFT	1
2	11-319	BEARING, NEEDLE	1
1	12-046	TAILHOUSING	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

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WEIGHT: 15.08 LBS

NEXT ASS'Y 30-490

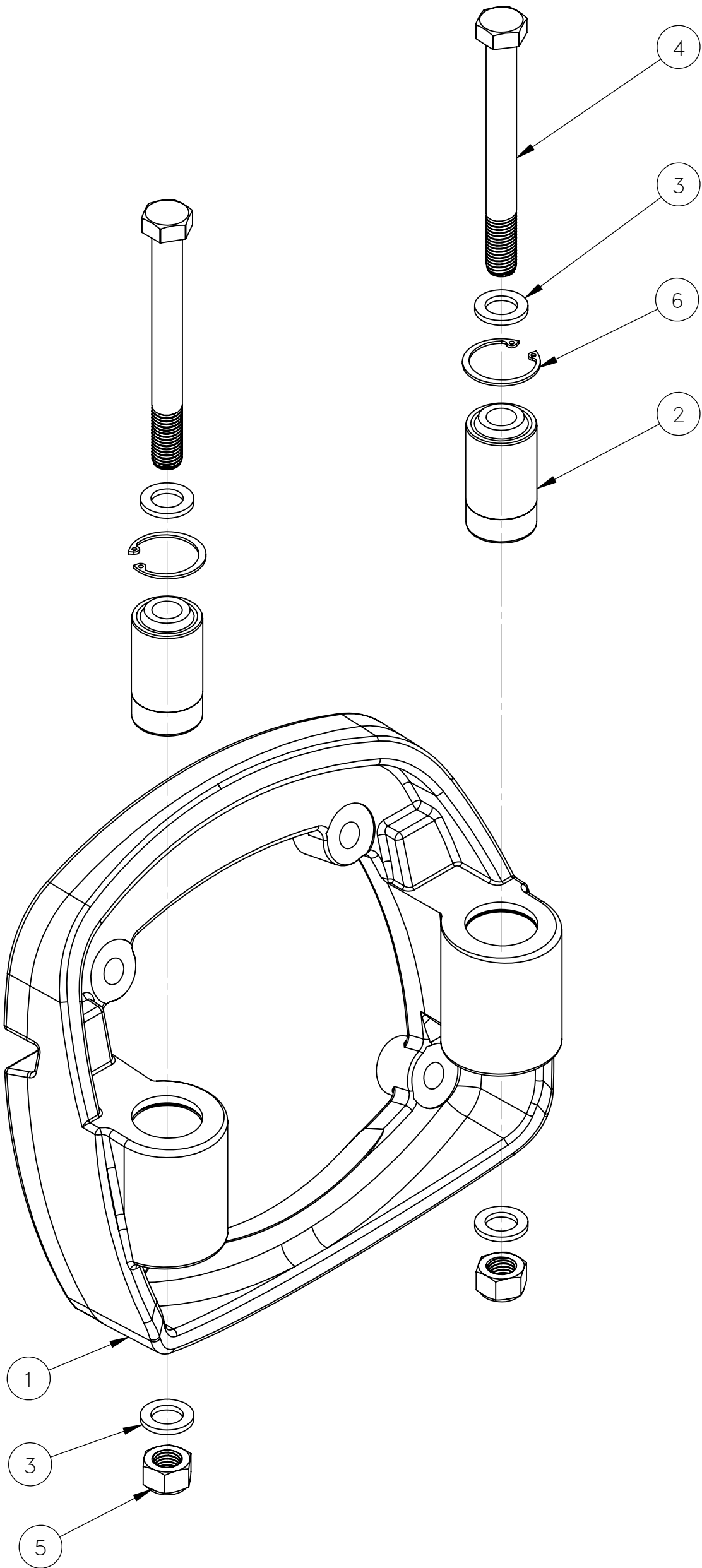
TOLERANCE
.X ± .020
.XX ± .010
.XXX ± .005

Konrad

MAT'L:SCALE: 1:3DRAWN BY: SCAPP.BY:

TITLE: TAILHOUSING ASS'Y, INTEGRATED MOUNTS, KONRAD VDDATE: 7/8/13DRAWING NUMBER 30-449M

DATE	SYM	REVISION	DR



6	12-087	RING, RETAINING, INTERNAL	2
5	12-086	NUT, NYLOCK	2
4	12-084	CAP SCREW, H.H., S.S.	2
3	12-085	WASHER, FLAT	4
2	12-083	MOUNT, RUBBER, TAILHOUSING	2
1	12-045	MOUNT, TAILHOUSING, INNER TRANSOM	1
ITEM NO.	PART NO.	DESCRIPTION	QTY.

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		.X ± .020	MAT'L:	SCALE: DRAWN BY: SC
		.XX ± .010	TITLE: <i>TAILHOUSING MOUNT, ASS'Y</i>	
	WEIGHT: 11.36 LBS	.XXX ± .005	DATE: 3/26/15	DRAWING NUMBER <i>30-450M</i>