

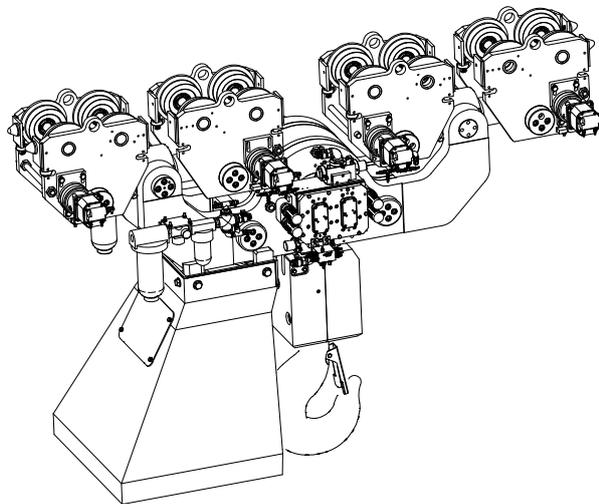
# Product Parts Information



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## AIR CHAIN HOIST

Model  
LCA750T



(Dwg. MHP2986)



**Save These Instructions**



Form MHD56415

Edition 2

October 2008

45887569

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Only allow **Ingersoll Rand** trained technicians to perform maintenance on this product. For additional information contact **Ingersoll Rand** Factory or nearest Distributor.

For additional supporting documentation refer to Table 1 'Product Information Manuals' on page 2. Manuals can be downloaded from [www.irtools.com](http://www.irtools.com).

The use of other than genuine **Ingersoll Rand** replacement parts may result in safety hazards, decreased performance and increased maintenance and may invalidate all warranties.

The original language of this manual is English.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.

**Table 1: Product Information Manuals**

Publication	Part/Document Number	Publication	Part/Document Number
Product Safety Information Manual	MHD56295	Product Maintenance Information Manual	MHD56416
Product Information Manual	MHD56414		

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## PARTS ORDERING INFORMATION

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These products are designed and constructed to provide long, trouble-free service. In time it may be necessary to order and install new parts to replace those that have been subjected to wear.

For your convenience and future reference, it is recommended that the following information be recorded.

**Model Number** \_\_\_\_\_

**Serial Number** \_\_\_\_\_

**Date Purchase** \_\_\_\_\_

When ordering replacement parts, please specify the following:

1. Complete model number and serial number as it appears on the data (name) plate.
2. Part number(s) and part description as shown in this manual.
3. Quantity required.

The data (name) plate is located on the product.

### NOTICE

- **Continuing improvement and advancement of design may cause changes to this equipment which are not included in this manual. Manuals are periodically revised to incorporate changes. Always check the manual edition number on the front cover for the latest issue.**
- **Sections of this manual may not apply to your product.**
- **Using other than genuine Ingersoll Rand replacement parts may invalidate the warranty.**

### ■ Return Goods Policy

**Ingersoll Rand** will not accept any returned goods for warranty or service unless prior arrangements have been made and written authorization has been provided from the location the goods were purchased.

Products that have been modified without **Ingersoll Rand** approval, mishandled or overloaded will not be repaired or replaced under warranty. A printed copy of the warranty that applies to this product is provided inside the back cover of this manual.

### ■ Disposal



When the life of the product has expired, it is recommended that it be disassembled, degreased and parts separated as to materials so that they may be recycled.

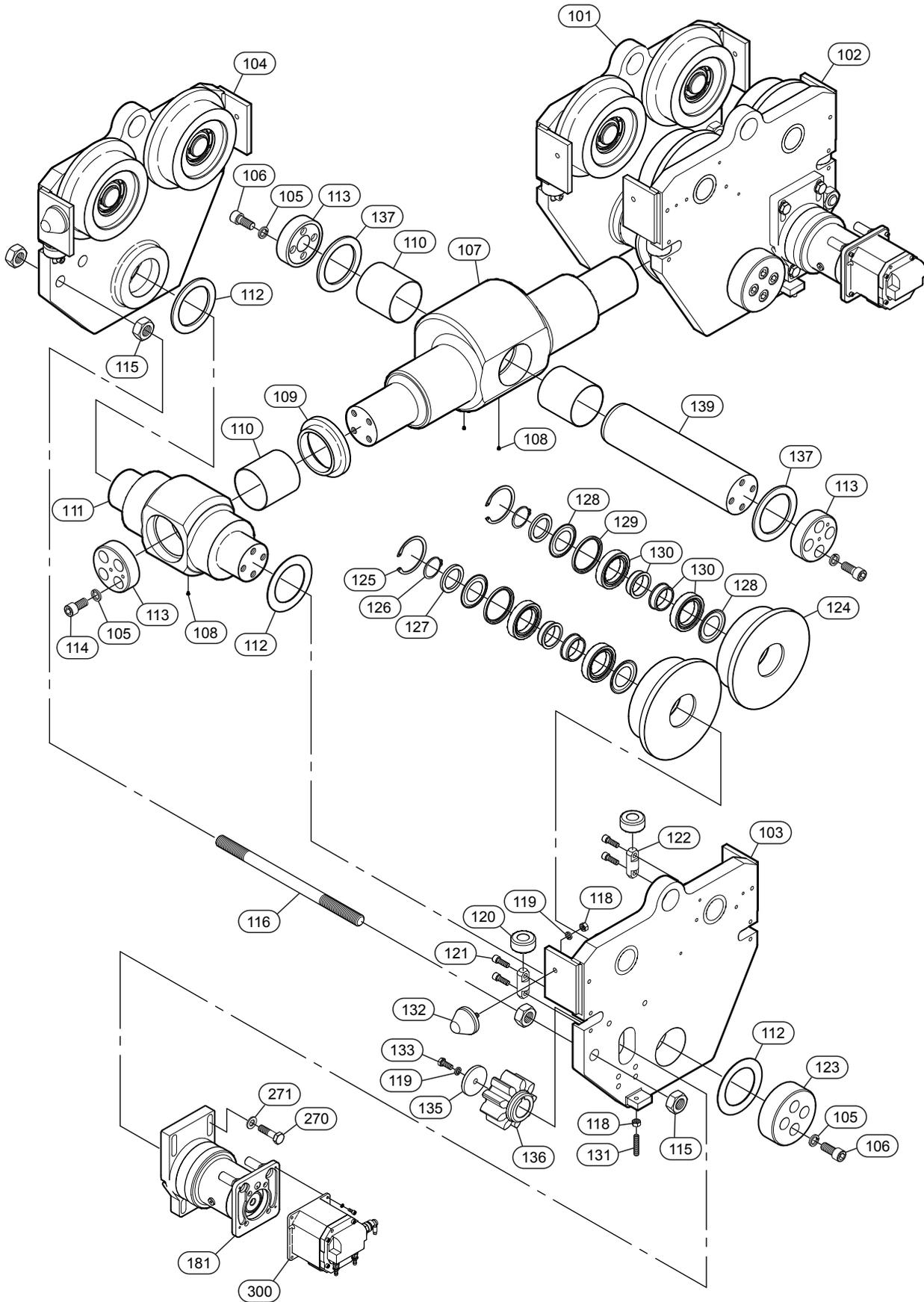
For additional information contact:

**Ingersoll Rand**  
2724 Sixth Avenue South  
Seattle, WA 98134 USA  
Phone: (206) 624-0466  
or (866) 273-3278  
Fax: (206) 624-6265

or

**Ingersoll Rand**  
**Douai Operations**  
529, Avenue Roger Salengro  
59450 Sin Le Noble, France  
Phone: (33) 03-27-93-08-08  
Fax: (33) 03-27-93-08-00

# TROLLEY ASSEMBLY DRAWING

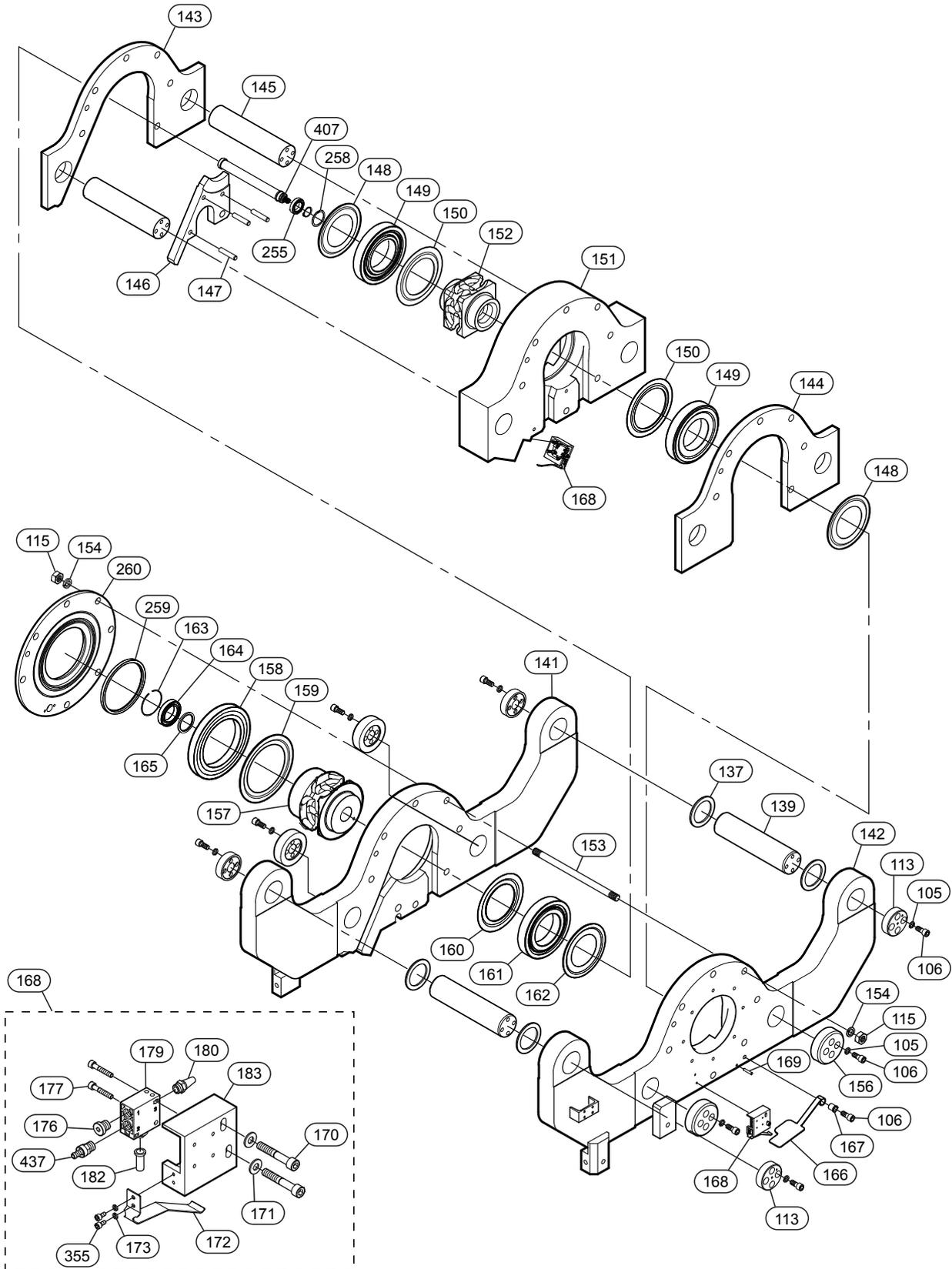


(Dwg. MHP2970)

## TROLLEY ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
101	Side Plate (no motor)	1	96430159	123	Cap	4	96430107
102	Side Plate (RH motor side)	1	96430157	124	Trolley Wheel (plain standard)	8	96297020
103	Side Plate (LH motor side)	1	96430155		Trolley Wheel (plain T1 option)		96297054
104	Side Plate (no motor)	1	96430161	125	Retainer Ring	8	47703100
105	Lockwasher	24	45201120	126	Retainer Ring	8	47700055
106	Capscrew	24	41314706	127	Spacer	8	95960045
107	Trolley Axle	1	96430113	128	Seal Ring	16	58324111
108	Grease Fitting	4	67100827	129	Spacer	8	95960044
109	Sleeve	2	96430036	130	Roller Bearing	16	51200011
110	Bushing	4	59007626	131	Screw	2	42006007
111	Support	2	96430018	132	Bumper	2	69886832
112	Spacer	8	96430108	133	Capscrew	2	41003401
113	Cap	2	96230150	135	Washer	2	96430028
114	Capscrew	8	41325506	136	Drive Gear (standard)	2	96430026
115	Nut	8	43006711		Drive Gear (T1 option)		96430130
116	Screw Rod	2	96290031	137	Spacer	4	96430053
118	Nut	4	43003611	139	Shaft	2	96430052
119	Lockwasher	4	45201012	181	Trolley Motor Reducer Assembly	2	35460011
120	Roller (standard)	8	69810341	270	Capscrew	4	41006501
	Roller (T1 option)		95230189	271	Washer	4	45001116
121	Capscrew	16	41312706	300	Motor Assembly	1	Refer to page 15
122	Roller Axle	8	96290045				

# HOIST AND SUSPENSION ASSEMBLY DRAWING



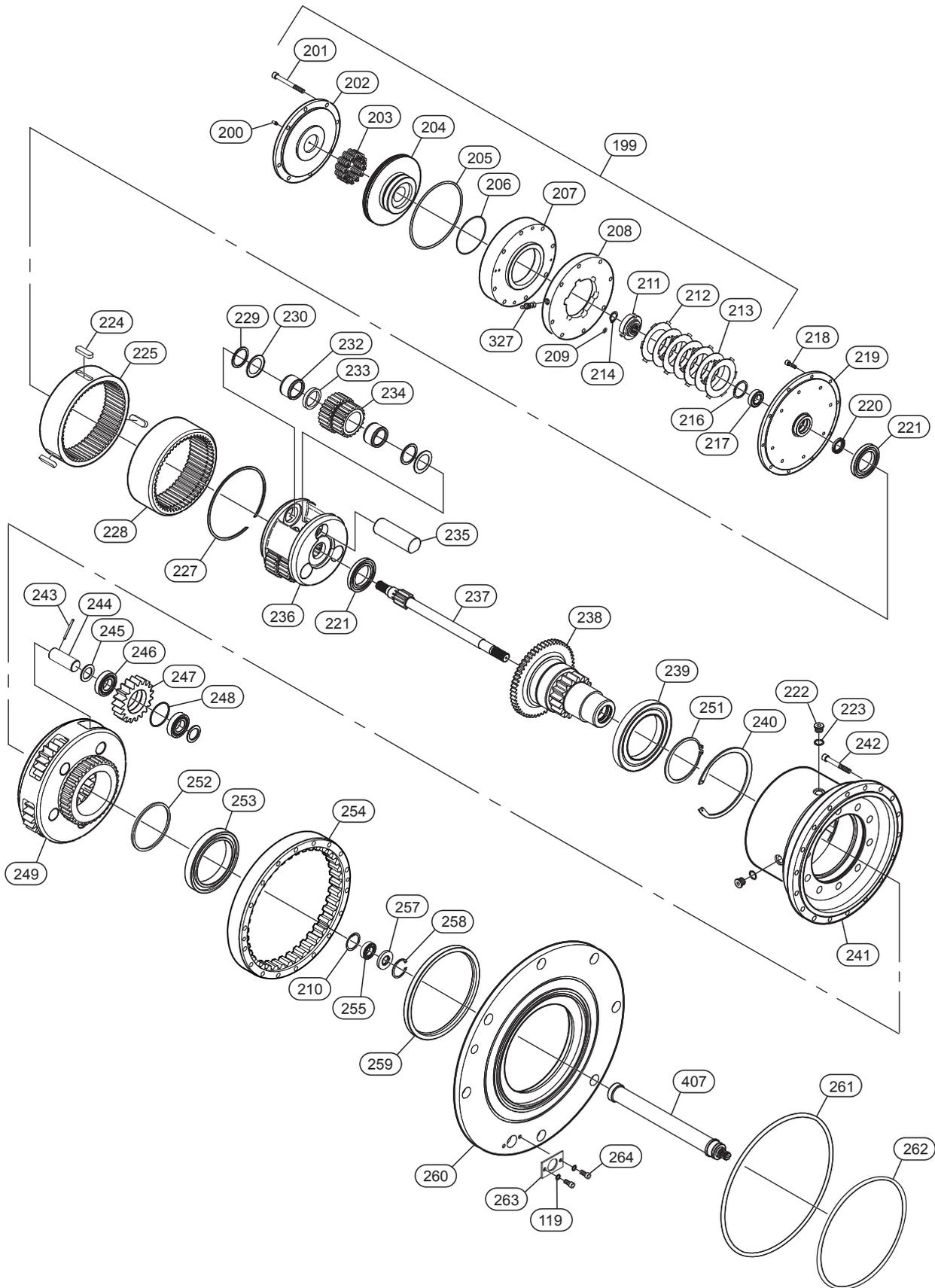
(Dwg. MHP2971)

## HOIST AND SUSPENSION ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
105	Lockwasher	32	45201120	162	Seal Bearing	1	58304038
106	Capscrew	33	41314706	163	Retainer Ring	1	47842432
113	Cap	4	96230150	164	Bearing	1	50000016
115	Nut	14	43006711	165	Seal Ring	1	58021830
137	Spacer	4	96430053	166	Limit Switch Lever	1	96430199
139	Shaft	2	96430052	167	Bushing	1	59100326
141	Central Chain Guide (gearbox side)	1	96430015	168	Limit Switch Assembly	2	Contact Factory
142	Central Chain Guide (motor side)	1	96430016	169	Pin	1	46002416
143	Chain Guide	1	96430019	170	Capscrew	4	41323306
144	Chain Guide	1	96430020	171	Washer	4	45001110
145	Connecting Pin	2	96430051	172	Spring	2	96290441
146	Chain Guide Stop	1	96430021	173	Lockwasher	4	45201005
147	Pin	3	46002316	176	Plug	2	65110741
148	Seal Bearing	2	58314232	177	Screw	4	41301106
149	Bearing	2	51200032	179	Control Valve	2	68595341
150	Seal Ring	2	58304232	180	Muffler	2	68490832
151	Chain Guide Housing	1	96430017	182	Plunger	2	96230366
152	Sprocket	1	96430013	183	Protector Casing	2	96290440
153	Screw Rod	7	96430050	255	Bearing	1	50000005
154	Lockwasher	14	45201030	258	Retainer Ring	1	47703052
156	Cap	4	96290032	• 259	Oil Seal	1	58021730
157	Driving Sprocket	1	96430012	260	Reduction Gear Flange	1	96430037
158	Bearing	1	50800048	355	Capscrew	4	41326306
159	Seal Ring	1	58314048	407	Motor Shaft	1	96430179
160	Seal Ring	1	58314038	437	Fitting, Hose End	2	61629732
161	Bearing	1	50800038				

• Recommended spare.

# HOIST BRAKE AND REDUCTION GEAR ASSEMBLY DRAWING



(Dwg. MHP2972)

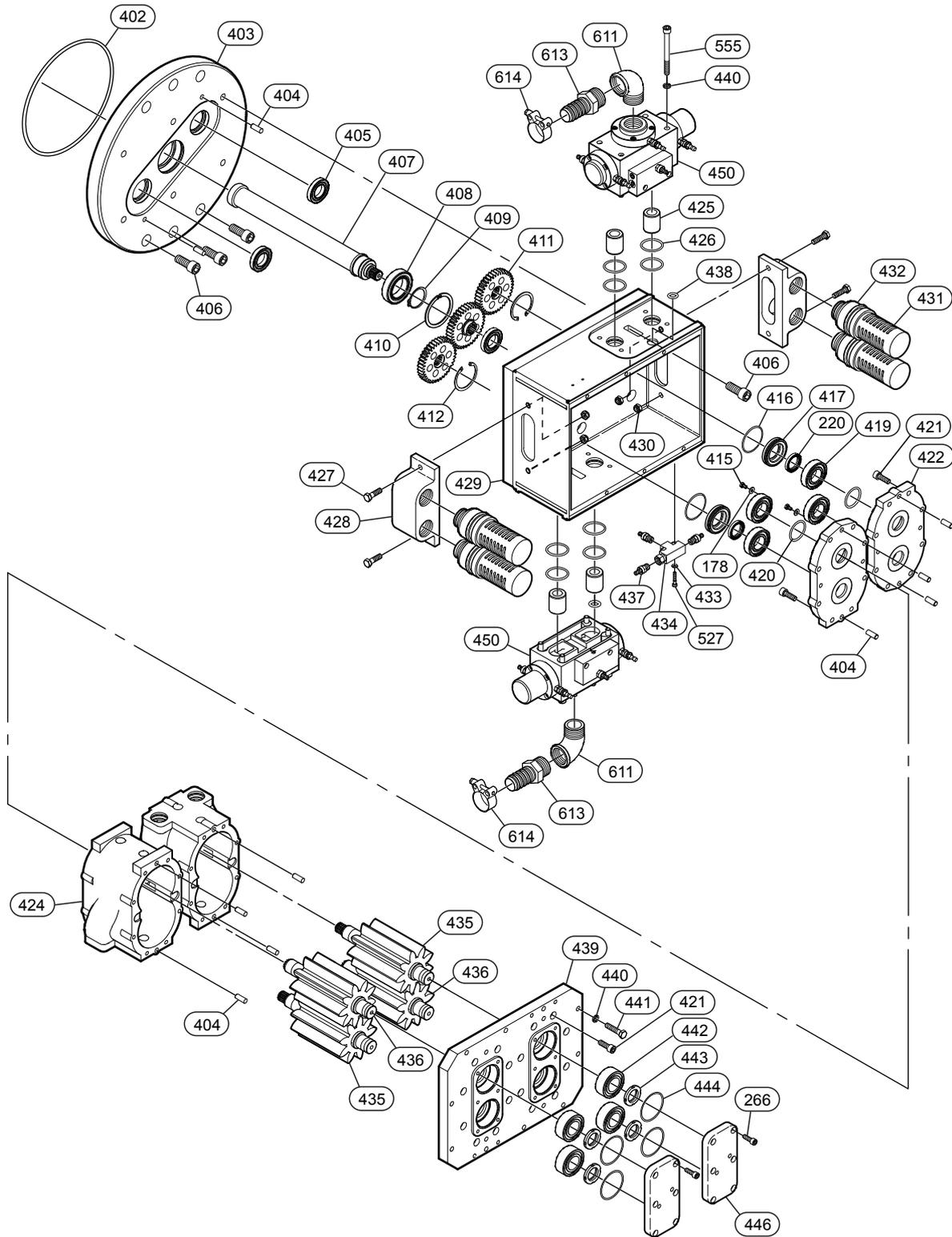
## HOIST BRAKE AND REDUCTION GEAR ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
119	Lockwasher	2	45201012	233	Spacer	3	96230054
199	Brake Assembly	1	36430175	234	Planet Gear	3	96230055
200	Vent	1	68489232	235	Planet Axle	3	96230053
201	Capscrew	8	41327006	236	Planetary Support	1	96230374
202	Cover	1	96430176	237	Pinion Shaft	1	96430110
203	Spring	12	69198032	238	Sun Gear	1	96430044
204	Piston	1	96320018	239	Bearing	1	50800026
• 205	'O' Ring	1	58229129	240	Retainer Ring	1	47703200
• 206	'O' Ring	1	58210929	241	Reduction Gear Housing	1	96430049
207	Brake Housing	1	96320017	242	Capscrew	18	41331506
208	Friction Disc Housing	1	96430174	243	Pin	5	46502020
• 209	'O' Ring	1	58214629	244	Planet Axle	5	96430030
210	Retainer Ring	1	47703047	245	Thrust Ring	10	57469032
211	Disc Hub	1	96430173	246	Bearing	10	51200007
212	Friction Disc	4	63059532	247	Planet Gear	5	96430029
213	Steel Disc	3	63059632	248	Retainer Ring	5	47703072
214	Retainer Ring	1	47700022	249	Planetary Gear Support	1	96430040
215	Reducer Assembly *	1	36430006	251	Retainer Ring	1	47700130
216	Retainer Ring	2	47703047	252	Spacer	1	96430043
217	Bearing	1	50050005	253	Bearing	1	50900026
218	Capscrew	10	41324906	254	Ring Gear	1	96220024
219	Brake Cover	1	96430172	255	Bearing	1	50000005
• 220	Oil Seal	1	58013430	• 257	Oil Seal	1	58021930
221	Bearing	2	50800012	258	Retainer Ring	1	47703052
222	Plug	2	65168932	• 259	Oil Seal	1	58021730
223	Copper Joint	2	58404731	260	Reduction Gear Flange	1	96430037
224	Key	3	90740117	• 261	'O' Ring	1	58236629
225	Ring Gear	1	96230058	• 262	'O' Ring	1	58236529
227	Retainer Ring	1	47801739	263	Plate	1	96430047
228	Ring Gear	1	96230057	264	Capscrew	2	41329306
229	Bearing	6	56056545	327	Fitting, Hose	1	68237528
230	Thrust Ring	6	57378832	407	Motor Shaft	1	96430179
232	Bearing	6	56505936				

• Recommended spare.

\* Includes items 229, 230 and 232 to 236.

# HOIST MOTOR ASSEMBLY DRAWING



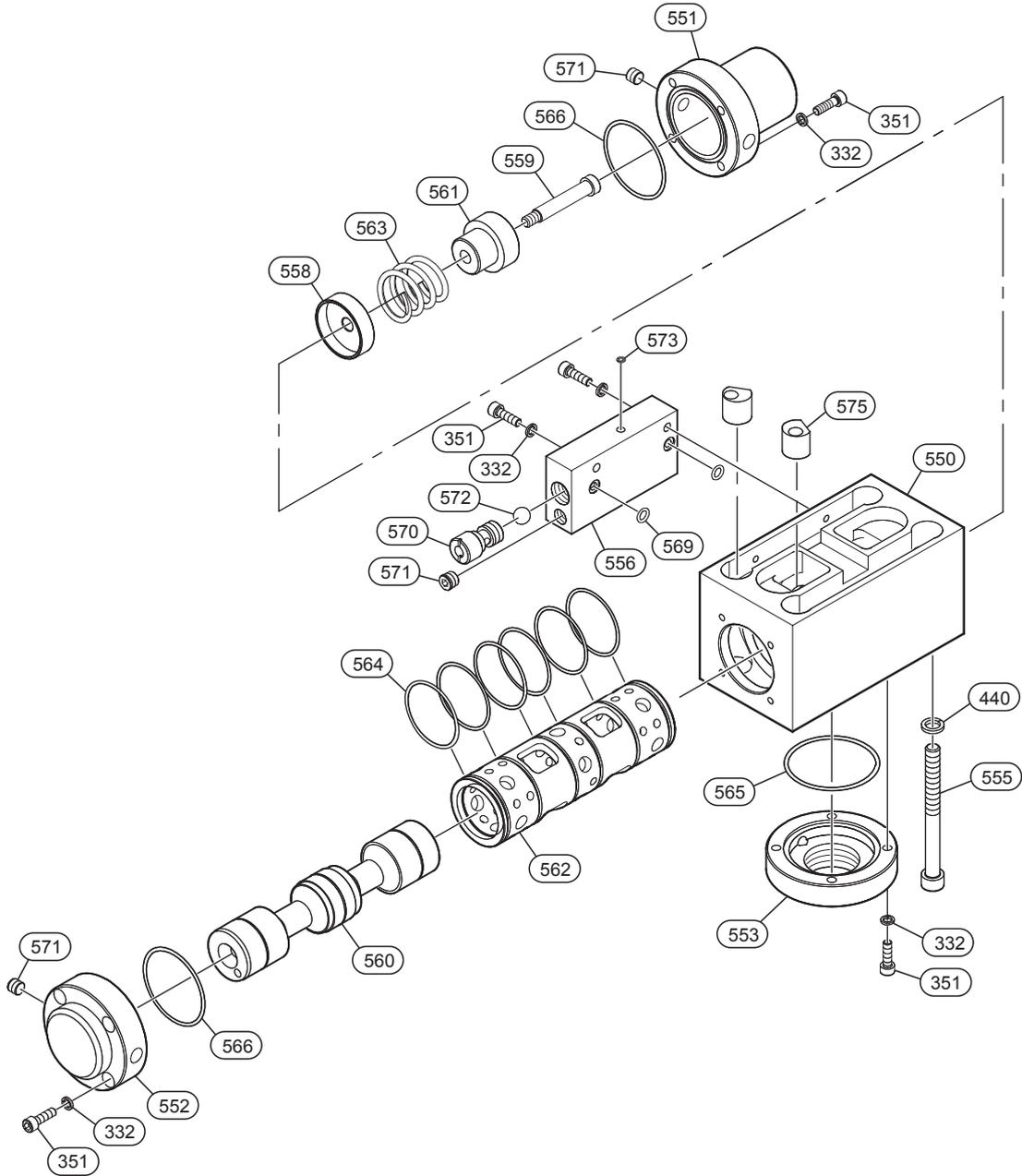
(Dwg. MHP2973)

## HOIST MOTOR ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
400	Motor Assembly	1	36160037	427	Capscrew	4	41020801
178	Washer	2	45001106	428	Flange	2	96160033
• 220	Oil Seal	2	58013430	429	Motor Housing	1	96160025
266	Capscrew	12	41324906	430	Lock Nut	4	75583M
• 402	'O' Ring	1	58236829	431	Muffler	4	68483532
403	Motor Flange	1	96430178	432	Fitting, Muffler Reducer	4	61353528
404	Pin	10	46000816	433	Washer	2	45001105
405	Bearing	3	50800006	434	Shuttle Valve	1	67709232
406	Capscrew	12	41313206	435	Motor Gear (idle)	2	96160010
407	Motor Shaft	1	96430179	436	Motor Gear (drive)	2	96160009
408	Bearing	1	50050009	437	Fitting, Hose End	5	61629732
409	Retainer Ring	1	47700045	• 438	'O' Ring	1	Contact Factory
410	Retainer Ring	1	47703075	439	Motor Flange	1	96160035
411	External Gear	3	96160032	440	Lockwasher	18	45201010
412	Retainer Ring	2	47703062	441	Capscrew	10	41020901
415	Capscrew	2	41007601	442	Bearing	4	50600006
• 416	'O' Ring	2	58224329	443	Nut	4	57000007
417	Oil Seal Support	2	96160008	• 444	'O' Ring	4	58210429
419	Bearing	4	50180906	446	Cover	2	96160004
• 420	'O' Ring	2	58208529	450	Control Valve Assembly	2	76170041
421	Capscrew	32	41323506	527	Capscrew	2	41322106
422	Front End Cover	2	96160005	555	Capscrew	8	41330706
424	Motor Housing	2	96160003	611	Fitting, Elbow	2	68218928
425	Tube	4	96160006	613	Fitting, Hose End	2	61655228
• 426	'O' Ring	8	58200929	614	Clamp Fitting	2	61162541

• Recommended spare.

# HOIST MOTOR VALVE ASSEMBLY DRAWING



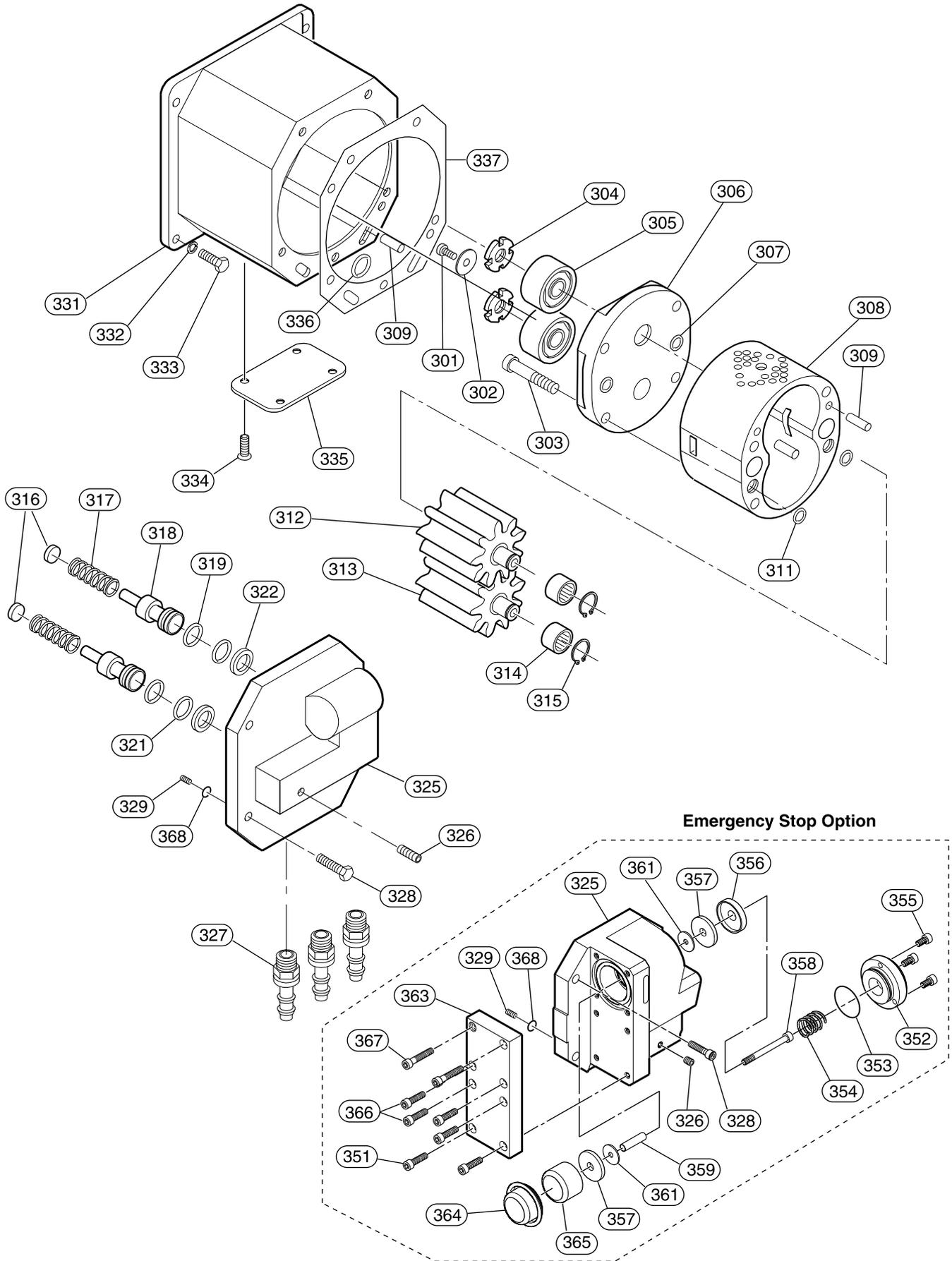
(Dwg. MHP2987)

## HOIST MOTOR VALVE ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
450	Control Valve Assembly	2	76170041	561	Retainer	1	96170106
332	Lockwasher	14	45201006	562	Bushing	1	96170101
351	Capscrew	14	41322206	563	Spring	1	69129841
440	Lockwasher	4	45201010	• 564	'O' Ring	6	58236429
550	Body	1	96170103	• 565	'O' Ring	1	58228029
551	Cover	1	96170104	• 566	'O' Ring	2	58235729
552	Cover	1	96170109	• 569	'O' Ring	2	58212529
553	Air Collector Cover	1	96170107	570	Plug	1	96170007
555	Capscrew	4	41330706	571	Plug	3	65125832
556	Manifold Block	1	96170108	572	Rubber Ball	1	69401725
558	Spring Retainer	1	96170105	• 573	'O' Ring	1	58227729
559	Capscrew	1	65280532	575	Washer	2	96170114
560	Spindle	1	96170102				

• Recommended spare.

# TROLLEY MOTOR ASSEMBLY DRAWING



(Dwg. MHP1651)

## TROLLEY MOTOR ASSEMBLY PARTS LIST

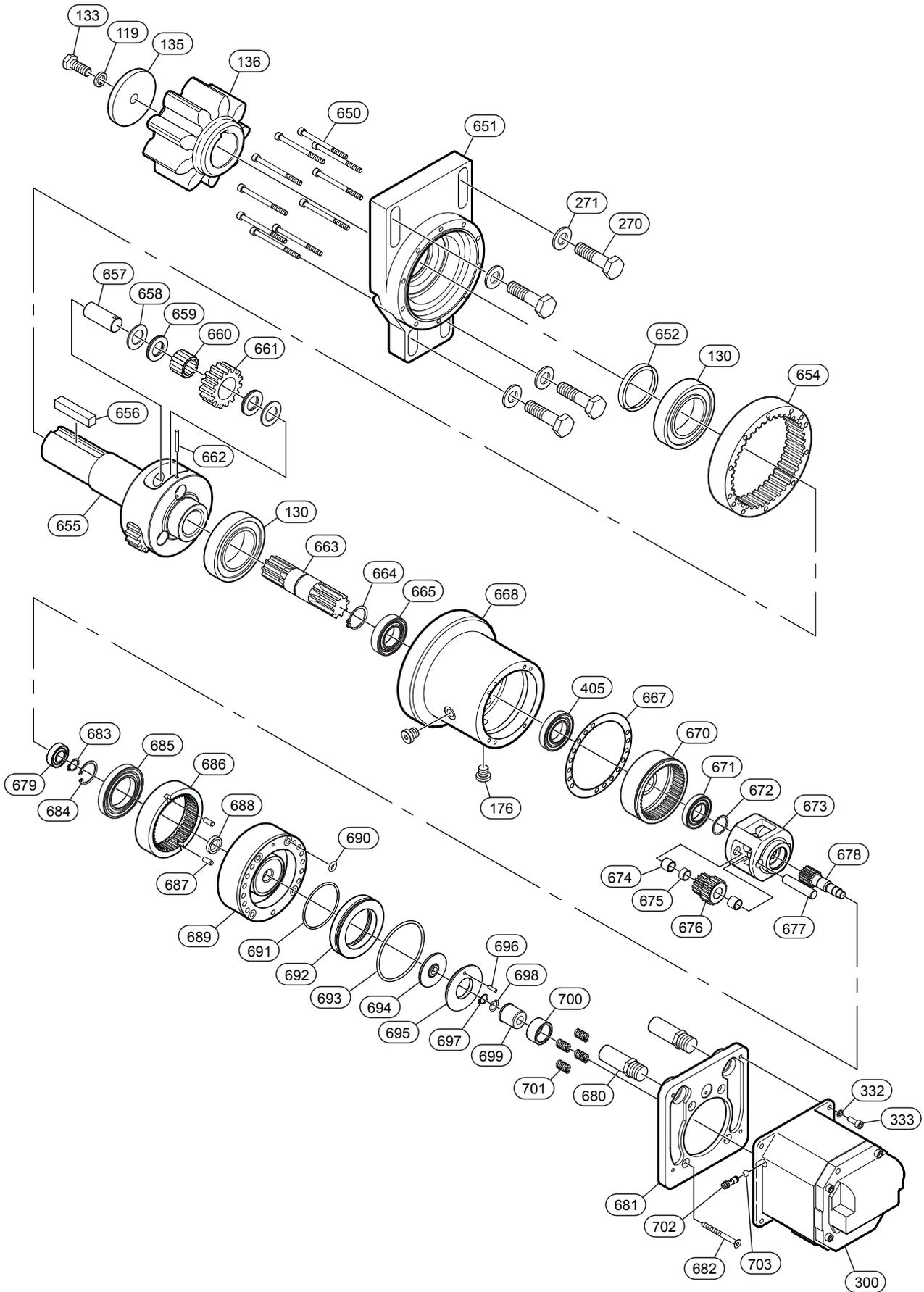
Item No.	Description of Part	Total Qty	Part Number	
			Without Emergency Stop	With Emergency Stop
300	Motor Assembly without Emergency Stop *	1	36090437	---
	Motor Assembly with Emergency Stop **		---	36090430
301	Screw	1	41306706	
302	Washer	1	96090032	
303	Capscrew	4	41300806	
304	Locknut	2	57000002	
305	Bearing	2	50600002	
306	Motor Flange	1	96090008	
• 307	'O' Ring	( )	58222329 (2)	58222329 (3)
308	Motor Housing	1	96090277	96090007
309	Pin	6	46000416	
• 311	'O' Ring	2	58205029	
312	Idle Gear (set only)	1	36090128	
313	Driving Gear (set only)			
314	Needle Bearing	2	56461912	
315	Retainer Ring	2	47801339	
316	Slide Valve	2	94120030	
317	Spring	2	94240224	
318	Slide Valve	2	94240212	
• 319	Quad-ring	2	58231229	
• 321	Quad-ring	2	58228929	
322	Stop	2	96090042	
325	Motor Cover	1	96090079	96090270
326	Set Screw	1	42007707	42008307
327	Fitting, Hose	( )	61652632 (3)	61652632 (5)
328	Screw	4	41312206	
329	Setscrew	2	42007407	
331	Motor Housing	1	96180015	
332	Lockwasher	4	45201006	
333	Capscrew	4	41322606	
334	Capscrew	4	41104503	
335	Cover	1	96180036	
• 336	'O' Ring	2	58224929	
• 337	Gasket	1	96180066	
351	Capscrew	6	---	41322206
352	Cover	1	---	96170059
• 353	'O' Ring	1	---	58214829
354	Spring	1	---	69158732
355	Capscrew	3	---	41326306
356	Valve Cone	1	---	96170053
• 357	Seal	2	---	96170056
358	Screw	1	---	41308206
359	Spacer	2	---	96170055
361	Washer	2	---	45700005
363	Cover	1	---	96090271
• 364	Diaphragm	1	---	67716341
365	Valve Cone	1	---	96170054
366	Screw	4	---	41322306
367	Screw	2	---	41324306
• 368	'O' Ring	2	---	58212229

• Recommended spare.

\* Motor Assembly without Emergency Stop includes items 301-328.

\*\* Motor Assembly with Emergency Stop includes items 301 through 328 and 351-368.

# TROLLEY REDUCTION GEAR ASSEMBLY DRAWING



(Dwg. MHP2978)

## TROLLEY REDUCTION GEAR ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
119	Lockwasher	1	45201012	672	Retainer Ring	1	47802139
130	Bearing	2	51200011	673	Planet Support	1	96090014
133	Capscrew	1	41003401	674	Needle Bearing	4	56501513
135	Washer	1	96430028	675	Spacer	2	96090095
136	Drive Gear (standard)	1	96430026	676	Planet Gear	2	96090096
	Drive Gear (T1 Option)		96430130	677	Planet Pin	2	96090039
176	Plug	2	65110741	678	Shaft Spindle	1	96180012
270	Capscrew	4	41006501	679	Bearing	1	50000002
271	Washer	4	45001116	680	Muffler	2	68497432
300	Motor Assembly	1	Refer to page 15	681	Motor Flange	1	95460009
332	Lockwasher	4	45201006	682	Capscrew	4	41103903
333	Capscrew	4	41322606	683	Retainer Ring	1	47700015
405	Bearing	1	50800006	684	Retainer Ring	1	47703032
650	Capscrew	10	41331306	685	Bearing	1	50800009
651	Mounting Flange	1	96430005	686	Ring Gear	1	96090038
• 652	Oil Seal	1	58007330	687	Pin	2	46001116
654	Ring Gear	1	96430006	• 688	Oil Seal	1	58019830
655	Planet Support	1	96430004	689	Brake Housing	1	96180057
656	Key	1	60305524	• 690	'O' Ring	1	58212529
657	Planet Pin	3	96430008	• 691	'O' Ring	1	58222929
658	Thrust Ring	6	57319832	692	Piston	1	96090113
659	Thrust Bearing	6	56053520	• 693	'O' Ring	1	58232329
660	Needle Bearing	3	56502620	694	Brake Disc	1	96090049
661	Planet Gear	3	96430009	695	Brake Disc	1	96180012
662	Pin	3	46504220	696	Pin	1	46406118
663	Motor Shaft	1	96430095	697	Retainer Ring	1	47700012
664	Retainer Ring	1	47700030	• 698	'O' Ring	1	58218229
665	Bearing	1	50000006	699	Coupling	1	96180014
• 667	Gasket	1	96180042	700	Needle Bearing	1	56323225
668	Gear Housing	1	96430094	701	Spring	4	69165532
670	Ring Gear	1	96090094	702	Valve	1	Contact Factory
671	Bearing	1	50800005	703	Ball	1	Contact Factory

• Recommended spare.

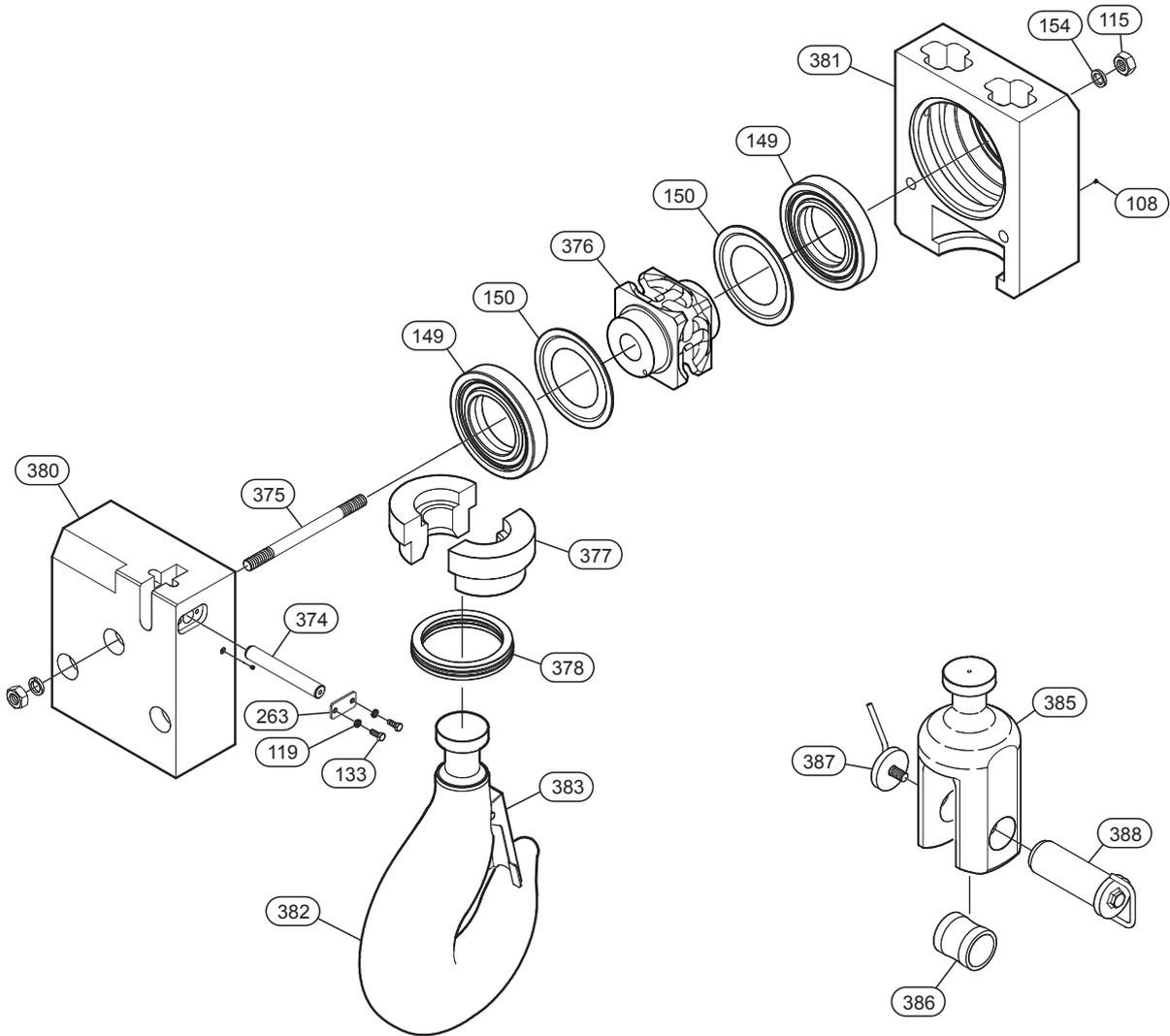


## PIPING ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
168	Limit Switch Assembly	2	Contact Factory	615	Hose (bulk)	As Req'd	Contact Factory
327	Fitting, Nipple	26	68237528	616	Capscrew	4	41023101
437	Fitting, Hose	2	61629732	617	Plate	2	96290291
440	Lockwasher	12	45201010	618	Fitting, Quad Connector	1	61320228
450	Control Valve Assembly	2	36170041	619	Fitting, Reducer	2	61320128
501	Eye Bolt	1	64222332	620	Fitting, Nipple	1	61320628
600	Filter, Regulator, Lubricator	2	79990070	621	Connecting Block	1	96290305
601	Filter	2	Order item 600	622	Fitting, Tee	2	61330432
602	Fitting, Nipple	4	Order item 600	623	Fitting, Nipple	2	67703299
603	Regulator	2	Order item 600	624	Clamp, Fitting	7	61131532
604	Pressure Gauge	2	Order item 600	625	Fitting, Elbow	3	61330832
605	Capscrew	8	41023401	626	Fitting, Hose Connection	8	61631841
606	Nut	8	43006911	627	Fitting, Reducer	1	61322128
608	Support	2	96430194	628	Fitting, Hose	24	51029
609	'U' Bolt	4	61193532	630	Fitting, Elbow	1	68235832
610	Lubricator	2	Order item 600	631	Fitting, Tee	2	61394532
611	Fitting, Elbow	3	68218928	632	Fitting, Elbow	1	68144128
612	Nut	8	75582M	633	Nozzle*	1	96290193
613	Fitting, Hose	4	61655228	634	Fitting, Nipple	2	61357828
614	Clamp Fitting	4	61162541	636	Hose (bulk)	As Req'd	Contact Factory

\* Item not illustrated (used in connecting block item 621).

# HOOK ASSEMBLY DRAWING

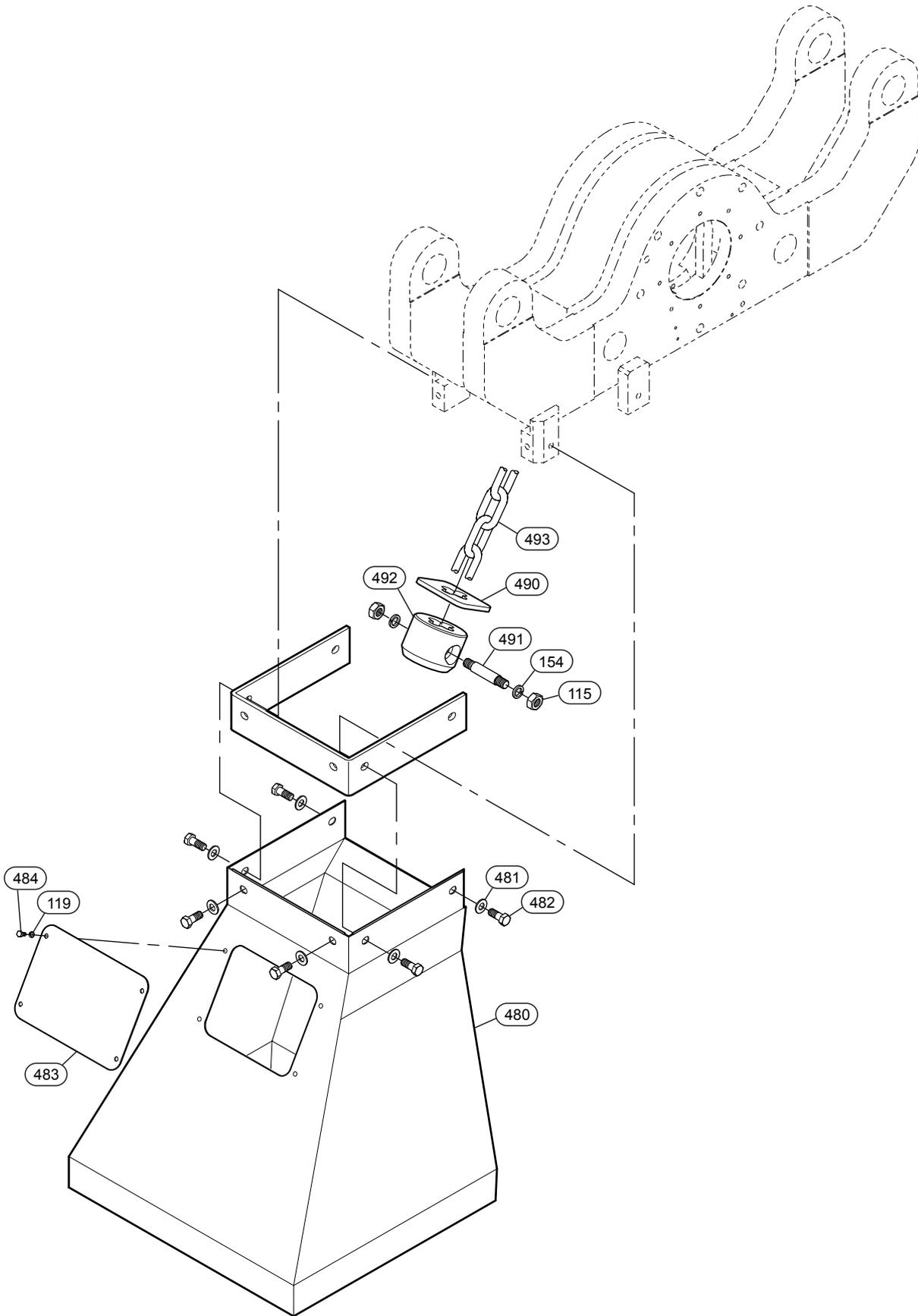


(Dwg. MHP2975)

## HOOK ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
370	Hook Assembly	1	Contact Factory	376	Sprocket	1	96437131
108	Grease Fitting	1	67100827	377	Split Ring	1	96430022
115	Nut	6	43006711	378	Thrust Bearing	1	54700040
119	Lockwasher	2	45201012	380	Half Hook Block	1	96438127
133	Capscrew	2	41003401	381	Half Hook Block	1	96438128
149	Bearing	2	51200032	382	Hook (75 ton)	1	96430185
150	Seal Ring	2	58304232	383	Hook Latch Kit	1	Contact Factory
154	Lockwasher	6	45201030	385	Bottom Clevis (75 ton)	1	96430133
263	Plate	1	96430047	386	Spacer	1	96430138
374	Axle	1	96430048	387	Clamp Screw	1	96430137
375	Threaded Rod	3	96430129	388	Axle	1	96430134

# CHAIN BUCKET ASSEMBLY DRAWING



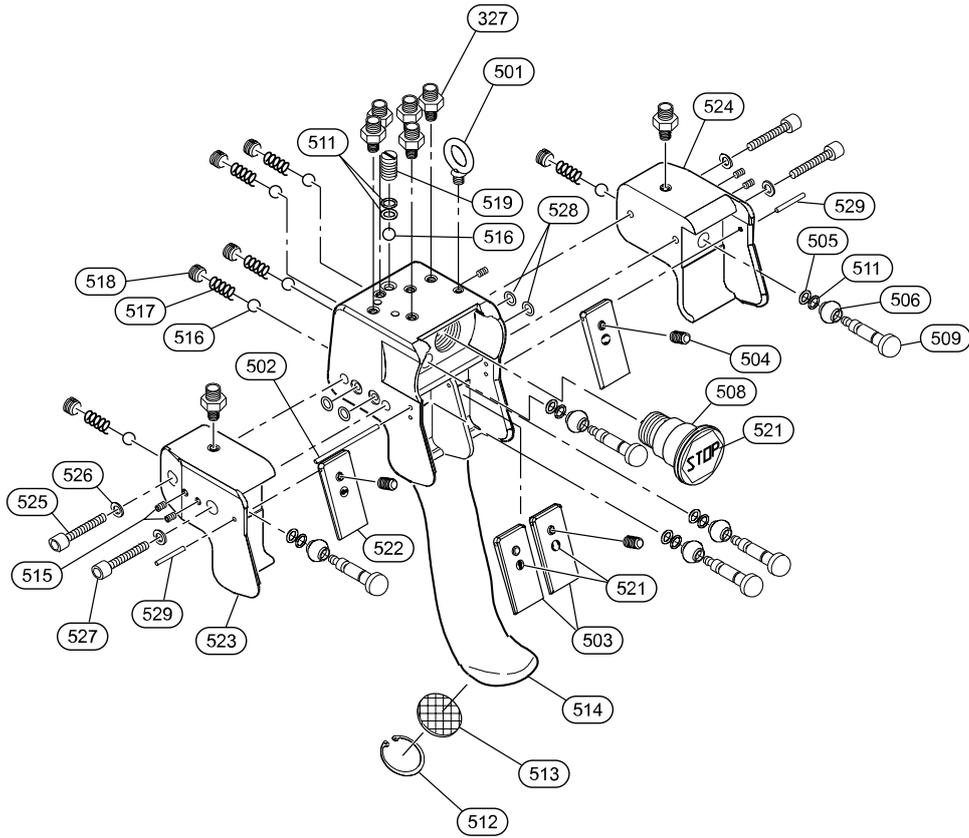
(Dwg. MHP2977)

## CHAIN BUCKET ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number	Item No.	Description of Part	Total Qty	Part Number
115	Nut	2	43006711	483	Cover	1	96430143
119	Lockwasher	4	45201012	484	Capscrew	4	41000601
154	Lockwasher	2	45201030	490	Chain Stop	1	96430200
480	Chain Container	1	96430142	491	Stop Chain Axle	1	96430057
481	Washer	6	45001124	492	Stop Chain	1	96430056
482	Capscrew	6	41021501	493	Load Chain	Specify length	69035041

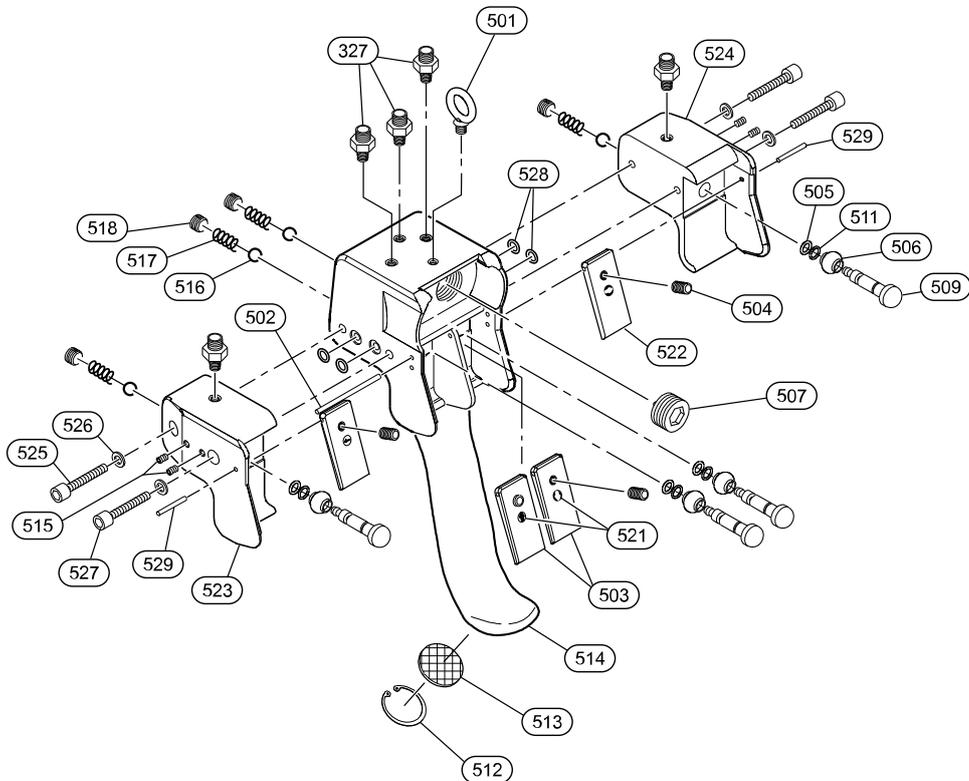
# FOUR FUNCTION PENDANT CONTROL ASSEMBLY PARTS DRAWING

## 4 Function with Emergency Stop



(Dwg. MHP1545)

## 4 Function without Emergency Stop



(Dwg. MHP1577)

## FOUR FUNCTION PENDANT CONTROL ASSEMBLY PARTS LIST

Item No.	Description of Part	Total Qty	Part Number			
			Without Emergency Stop		With Emergency Stop	
500	Pendant Assembly	1	PHS4E	PHS4E-R	PHS4E-U	PHS4E-RU
327	Fitting Hose	5 (7)	68237528			
501	Lifting Eye	1	64222332			
502	Pin	1	95790040			
503	Lever	2	95790122			
504	Screw	4	42008607			
• 505	'O' Ring	4 (5)	58235329			
506	Protector	4 (5)	95790107			
507	Plug	1	65129541		---	
508	Emergency Stop Valve	1	---		95790108	
509	Valve	4 (5)	95790104			
• 511	'O' Ring	4 (7)	58209229			
512	Retainer Ring	1	47713030			
513	Exhaust Washer	1	67600303			
514	Pendant Handle *	1	Order item 500			
515	Screw	4 (5)	42008307			
• 516	Ball	4 (7)	69401625			
517	Spring	4 (6)	69128541			
518	Plug	4 (6)	65107741			
519	Plug	1	95790106		---	
521	Label Kit	1	95790111			
522	Lever	2	95790128			
523	Attachment (left)	1	95790125	95790143	95790125	95790143
524	Attachment (right)	1	95790126	95790142	95790126	95790142
525	Screw	2	41330506			
526	Washer	4	45201005			
527	Screw	2	41322106			
• 528	'O' Ring	4	58218229			
529	Pin	2	95790127			
**	Label: "Read the Manual"	1	96180098			
**	Label: "Do Not Use Lifting Personnel"	1	96180100			

- Recommended spare.
- \* Not sold separately. Order new pendant.
- \*\* Item not illustrated
- ( ) Quantity Required for Pendants with Emergency Stop

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**SERVICE NOTES**

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## WARRANTY

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**Ingersoll Rand** Company warrants to the original user its Hoists and Winches (Products) to be free of defects in material and workmanship for a period of one year from the date of purchase. **Ingersoll Rand** will repair, without cost, any Product found to be defective, including parts and labor charges, or at its option, will replace such Products or refund the purchase price less a reasonable allowance for depreciation, in exchange for the Product. Repairs or replacements are warranted for the remainder of the original warranty period.

If any Product proves defective within its original one year warranty period, it should be returned to any Authorized Hoist and Winch Service Distributor, transportation prepaid with proof of purchase or warranty card.

This warranty does not apply to Products which **Ingersoll Rand** has determined to have been misused or abused, improperly maintained by the user, or where the malfunction or defect can be attributed to the use of non-genuine **Ingersoll Rand** parts.

**Ingersoll Rand makes no other warranty, and all implied warranties including any warranty of merchantability or fitness for a particular purpose are limited to the duration of the expressed warranty period as set forth above. Ingersoll Rand maximum liability is limited to the purchase price of the Product and in no event shall Ingersoll Rand be liable for any consequential, indirect, incidental, or special damages of any nature rising from the sale or use of the Product, whether based on contract, tort, or otherwise.**

**Note:** Some states do not allow limitations on incidental or consequential damages or how long an implied warranty lasts so that the above limitations may not apply to you.

This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

## IMPORTANT NOTICE

It is our policy to promote safe delivery of all orders.

This shipment has been thoroughly checked, packed and inspected before leaving our plant and receipt for it in good condition has been received from the carrier. Any loss or damage which occurs to this shipment while en route is not due to any action or conduct of the manufacturer.

### VISIBLE LOSS OR DAMAGE

If any of the goods called for on the bill of lading or express receipt are damaged or the quantity is short, do not accept them until the freight or express agent makes an appropriate notation on your freight bill or express receipt.

### CONCEALED LOSS OR DAMAGE

When a shipment has been delivered to you in apparent good condition, but upon opening the crate or container, loss or damage has taken place while in transit, notify the carrier's agent immediately.

### DAMAGE CLAIMS

You must file claims for damage with the carrier. It is the transportation company's responsibility to reimburse you for repair or replacement of goods damaged in shipment. Claims for loss or damage in shipment must not be deducted from the **Ingersoll Rand** invoice, nor should payment of **Ingersoll Rand** invoice be withheld awaiting adjustment of such claims as the carrier guarantees safe delivery.

You may return products damaged in shipment to us for repair, which services will be for your account and form your basis for claim against the carrier.

