

Liftchain[®] LC2A Air Chain Hoist

Kit Guide

Table of Contents

Introduction.....	4
Kit Selection Chart.....	5
MOTOR REPAIR KIT and MOTOR REBUILD KITS.....	6
P/N : 7650-0133 REPAIR KIT - 3,5 HP MOTOR	7
P/N : 7650-0369 REBUILD KIT - 3,5 HP MOTOR.....	9
P/N : 7650-0135 REPAIR KIT - 3,5 HP MOTOR - CE Version	11
P/N : 7650-0370 REBUILD KIT - 3,5 HP MOTOR - CE Version.....	14
P/N : 7650-0219 REPAIR KIT - 6 HP MOTOR	17
P/N : 7650-0377 REBUILD KIT - 6 HP MOTOR.....	19
P/N : 7650-0220 REPAIR KIT - 6 HP MOTOR - CE Version	21
P/N : 7650-0378 REBUILD KIT - 6 HP MOTOR - CE Version.....	24
BRAKE REPAIR KITS	27
P/N : 7650-0089 REPAIR KIT - LC2A010S/015S/020D/030D BRAKE	28
P/N : 7650-0223 REPAIR KIT - LC2A040S/060S/080D/120D/180T/250Q BRAKE	31
CENTER SECTION REPAIR KITS.....	34
P/N : 7650-0090 REPAIR KIT - LC2A010S/015S/020D/030D CENTER SECTION.....	35
P/N : 7650-0457 REBUILD KIT - LC2A010S/015S/020D/030D CENTER SECTION	35
P/N : 7650-0390 REPAIR KIT - LC2A060Q CENTER SECTION	38
P/N : 7650-0391 REBUILD KIT - LC2A060Q CENTER SECTION	38
P/N : 7650-0228 REPAIR KIT - LC2A030S/040S//060D/080D CENTER SECTION.....	41
P/N : 7650-0458 REBUILD KIT - LC2A030S/040S/060D/080D CENTER SECTION	41
P/N : 7650-0234 REPAIR KIT - LC2A060S/120D CENTER SECTION.....	44
P/N : 7650-0459 REBUILD KIT - LC2A060S/120D CENTER SECTION	44
P/N : 7650-0237 REPAIR KIT - LC2A180T/250Q CENTER SECTION.....	47
P/N : 7650-0460 REBUILD KIT - LC2A180T/250Q CENTER SECTION	47
REDUCER REPAIR KITS.....	50
P/N : 7650-0092 REPAIR KIT - LC2A010S/015S/020D/030D REDUCER.....	51
P/N : 7650-0224 REPAIR KIT - LC2A030S/040S//060D/080D REDUCER.....	53
P/N : 7650-0230 REPAIR KIT - LC2A060S/120D/180T/250Q REDUCER.....	56
VALVE and CONTROLS REPAIR KITS	59
P/N : 7650-0141 REPAIR KIT - PHS2 PENDENT without Emergency Stop	60
P/N : 7650-0142 REPAIR KIT - PHS2-U PENDENT with Emergency Stop	62
P/N : 7650-0079 REBUID KIT - PHS2 Pendant Without Emergency Stop	64
P/N : 7650-0080 REBUILD KIT - PHS2-U Pendant With Emergency Stop	66
P/N : 7650-0161 REPAIR KIT - Shut-Off Valve for 3,5HP/6HP Motor With Pendant Ctrl CE Version	68
TOP HOOKS REPAIR KITS	70
P/N : 7650-0316 REPAIR KIT - LC2A010S/015S TOP HOOK.....	71
P/N : 7650-0318 REPAIR KIT - LC2A020D/030D TOP HOOK.....	72
P/N : 7650-0320 REPAIR KIT - LC2A030S/040S TOP HOOK.....	73
P/N : 7650-0322 REPAIR KIT - LC2A060Q TOP HOOK.....	74
P/N : 7650-0324 REPAIR KIT - LC2A060D/080D TOP HOOK.....	75
P/N : 7650-0326 REPAIR KIT - LC2A060S TOP HOOK	76
P/N : 7650-0328 REPAIR KIT - LC2A120D TOP HOOK	77
P/N : 7650-0330 REPAIR KIT - LC2A180T TOP HOOK.....	78
P/N : 7650-0332 REPAIR KIT - LC2A250Q TOP HOOK.....	79
BOTTOM HOOKS and BOTTOM BLOCKS REPAIR and REBUILD KITS.....	80
P/N : 7650-0317 REPAIR KIT - LC2A010S/015S BOTTOM HOOK.....	81
P/N : 7650-0319 REPAIR KIT - LC2A020D/30D BOTTOM BLOCK.....	82
P/N : 7650-0475 REBUILD KIT - LC2A030D BOTTOM BLOCK.....	82

P/N : 7650-0321 REPAIR KIT - LC2A030S/040S BOTTOM HOOK.....	83
P/N : 7650-0393 REPAIR KIT - LC2A060Q BOTTOM BLOCK	84
P/N : 7650-0394 REBUILD KIT - LC2A060Q BOTTOM BLOCK.....	84
P/N : 7650-0325 REPAIR KIT - LC2A060D/80D BOTTOM BLOCK.....	85
P/N : 7650-0476 REBUILD KIT - LC2A060D/80D BOTTOM BLOCK	85
P/N : 7650-0327 REPAIR KIT - LC2A060S BOTTOM HOOK	86
P/N : 7650-0329 REPAIR KIT - LC2A120D BOTTOM BLOCK	87
P/N : 7650-0477 REBUILD KIT - LC2A120D BOTTOM BLOCK.....	87
P/N : 7650-0331 REPAIR KIT - LC2A180T BOTTOM BLOCK.....	88
P/N : 7650-0478 REBUILD KIT - LC2A180T BOTTOM BLOCK	88
P/N : 7650-0333 REPAIR KIT - LC2A250Q BOTTOM BLOCK	89
P/N : 7650-0479 REBUILD KIT - LC2A250Q BOTTOM BLOCK.....	89

Introduction

This kit guide is dedicated to the Liftchain® LC2A series from LC2A010S to LC2A250Q.

The content of each kit is highlighted in yellow on the following pages.

Drawings and List of spares are extracted from parts manual MHD56297 edition J for easy identification.

In some cases, some parts are not shown on the drawing but are included in the kit.

A note at the end of the bill of material indicates those parts.

The Kit Selection Chart on following page helps you to define which kit is needed depending on the hoist sub-assembly to be repaired.

Only allow Ingersoll Rand trained Authorized Service Center technicians to perform maintenance on this product.

For additional information contact Ingersoll Rand factory or nearest Distributor.

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

Original instructions are in English. Other languages are a translation of the original instructions.

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

Ingersoll Rand® LIFTCHAIN® Hoists are the most versatile heavy-lifting hoists in the Ingersoll Rand® hoist line. They incorporate all the best features learned from decades of experience into a compact, modular frame. Whether working in the mines, food industries, with chemicals or at shipyards, our LIFTCHAIN® hoists are trusted around the world for many industrial applications. LC2A are reliable, safe and versatile units that will always be the answer, no matter the challenge. We look forward to helping you sell more and provide future customers with a trusted solution.

Marketing material to answer any question about our LIFTCHAIN® hoists is now available on the [Distributor Portal](#) in the marketing tools “Asset Library” section. Here, you will find items that focus on the 1-25T LIFTCHAIN® Air Hoists.

Items such as: Brochure, Data sheets, Application examples, Technical guide, Streetfighter, Pictures...



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Kit Selection Chart

LC2A010S to 250Q range : Non-CE Units

Kit description	LC2A010SIP2C	LC2A015SIP2C	LC2A020DIP2C	LC2A030DIP2C	LC2A030SIP2C	LC2A040SIP2C	LC2A060QIP2C
Repair kit motor	7650-0133	7650-0133	7650-0133	7650-0133	7650-0133	7650-0219	7650-0133
Rebuild kit motor	7650-0369	7650-0369	7650-0369	7650-0369	7650-0369	7650-0377	7650-0369
Repair kit adaptor plate	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161
Repair kit PHS2E pendent	7650-0141	7650-0141	7650-0141	7650-0141	7650-0141	7650-0141	7650-0141
Rebuild kit PHS2E pendent	7650-0079	7650-0079	7650-0079	7650-0079	7650-0079	7650-0079	7650-0079
Repair kit brake	7650-0089	7650-0089	7650-0089	7650-0089	7650-0089	7650-0223	7650-0089
Repair kit reducer	7650-0092	7650-0092	7650-0092	7650-0092	7650-0224	7650-0224	7650-0092
Repair kit center section	7650-0090	7650-0090	7650-0090	7650-0090	7650-0228	7650-0228	TBA
Overhaul kit (include all above repair kits)	7650-0001	7650-0001	7650-0001	7650-0001	TBA	7650-0239	7650-0395
Repair kit top hook	7650-0316	7650-0316	7650-0318	7650-0318	7650-0320	7650-0320	7650-0322
Repair kit bottom hook/block	7650-0317	7650-0317	7650-0319	7650-0319	7650-0321	7650-0321	7650-0323
Rebuild kit bottom block	NA	NA	7650-0475	7650-0475	NA	NA	7650-0394
Chain per meter	6908-9432	6908-9432	6908-9432	6908-9432	6905-4232	6905-4232	6908-9432
Set of hoses (3 hoses + 1 cable + 2 zip tie)	3387-0031	3387-0031	3387-0031	3387-0031	3387-0031	3387-0031	3387-0031

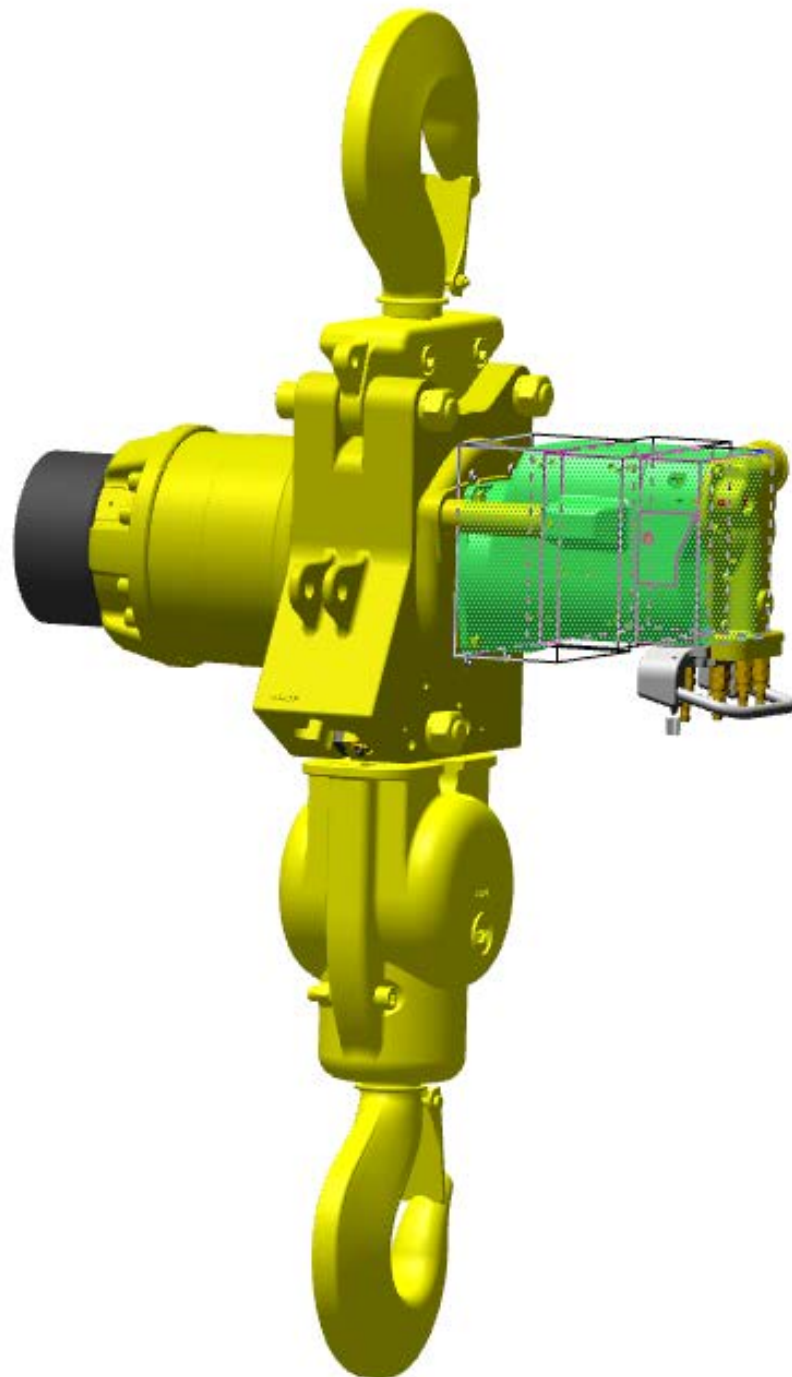
Kit description	LC2A060DIP2C	LC2A080DIP2C	LC2A060SIP2C	LC2A120DIP2C	LC2A180TIP2C	LC2A250QIP2C
Repair kit motor	7650-0133	7650-0219	7650-0219	7650-0219	7650-0219	7650-0219
Rebuild kit motor	7650-0377	7650-0377	7650-0377	7650-0377	7650-0377	7650-0377
Repair kit adaptor plate	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161
Repair kit PHS2E pendent	7650-0141	7650-0141	7650-0141	7650-0141	7650-0141	7650-0141
Rebuild kit PHS2E pendent	7650-0079	7650-0079	7650-0079	7650-0079	7650-0079	7650-0079
Repair kit brake	7650-0089	7650-0223	7650-0223	7650-0223	7650-0223	7650-0223
Repair kit reducer	7650-0224	7650-0224	7650-0230	7650-0230	7650-0230	7650-0230
Repair kit center section	7650-0228	7650-0228	7650-0234	7650-0234	7650-0237	7650-0237
Overhaul kit (include all above repair kits)	TBA	7650-0239	7650-0244	7650-0244	7650-0248	7650-0248
Repair kit top hook	7650-0324	7650-0324	7650-0326	7650-0328	7650-0330	7650-0332
Repair kit bottom hook/block	7650-0325	7650-0325	7650-0327	7650-0329	7650-0331	7650-0333
Rebuild kit bottom block	7650-0476	7650-0476		7650-0477	7650-0478	7650-0479
Chain per meter	6905-4232	6905-4232	6908-7532	6908-7532	6908-7532	6908-7532
Set of hoses (3 hoses + 1 cable + 2 zip tie)	3387-0031	3387-0031	3387-0031	3387-0032	3387-0033	3387-0034

LC2A010S to 250Q range : CE Units

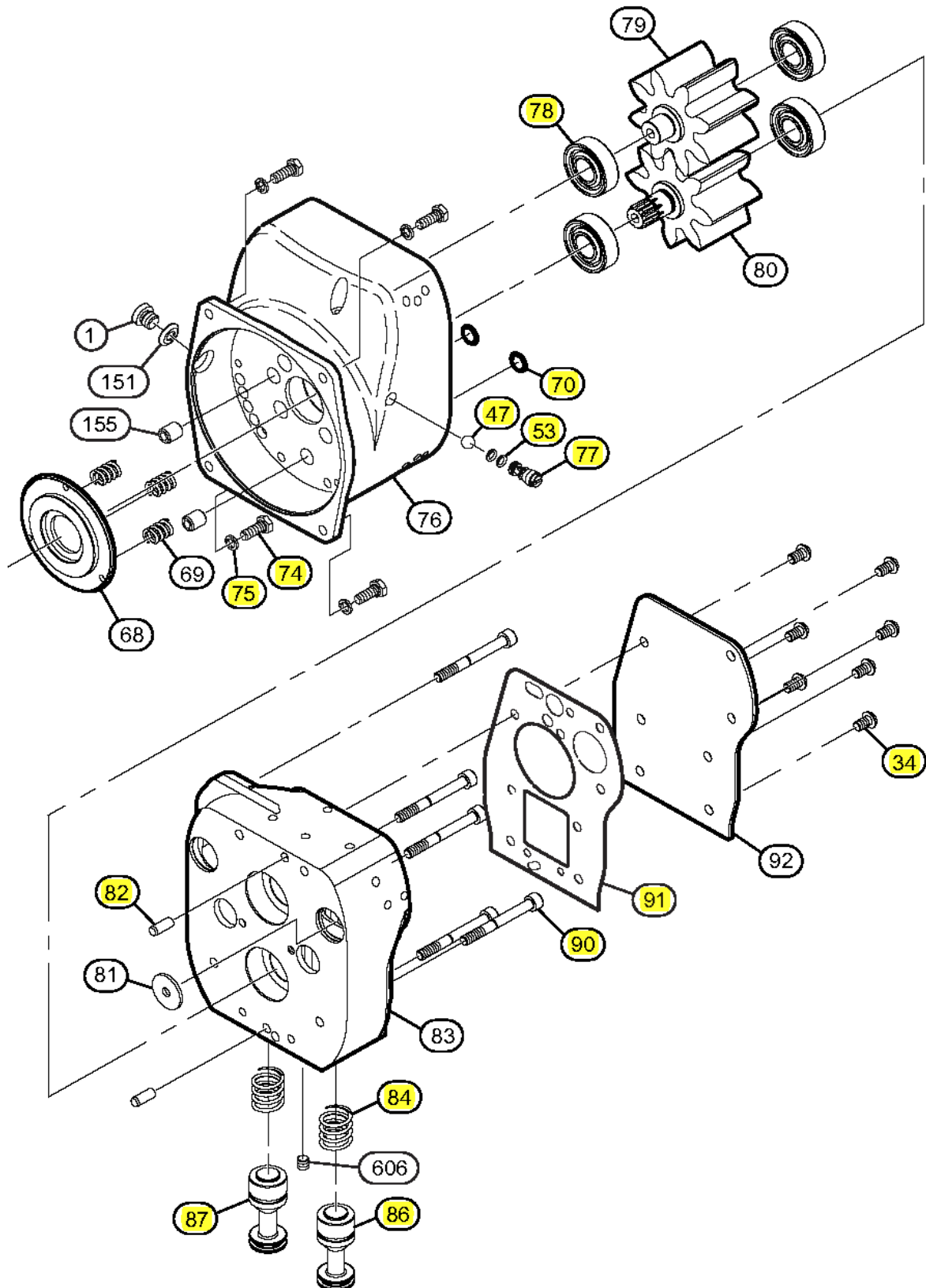
Kit description	LC2A010SIP2C-E	LC2A015SIP2C-E	LC2A020DIP2C-E	LC2A030DIP2C-E	LC2A030SIP2C-E	LC2A040SIP2C-E	LC2A060QIP2C-E
Repair kit motor	7650-0135	7650-0135	7650-0135	7650-0135	7650-0135	7650-0220	7650-0135
Rebuild kit motor	7650-0370	7650-0370	7650-0370	7650-0370	7650-0370	7650-0378	7650-0370
Repair kit adaptor plate	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161
Repair kit PHS2E-U pendent	7650-0142	7650-0142	7650-0142	7650-0142	7650-0142	7650-0142	7650-0142
Rebuild kit PHS2E-U pendent	7650-0080	7650-0080	7650-0080	7650-0080	7650-0080	7650-0080	7650-0080
Repair kit brake	7650-0089	7650-0089	7650-0089	7650-0089	7650-0089	7650-0223	7650-0089
Repair kit reducer	7650-0092	7650-0092	7650-0092	7650-0092	7650-0224	7650-0224	7650-0092
Repair kit center section	7650-0090	7650-0090	7650-0090	7650-0090	7650-0228	7650-0228	TBA
Overhaul kit (include all above repair kits)	7650-0002	7650-0002	7650-0002	7650-0002	TBA	7650-0240	7650-0396
Repair kit top hook	7650-0316	7650-0316	7650-0318	7650-0318	7650-0320	7650-0320	7650-0322
Repair kit bottom hook/block	7650-0317	7650-0317	7650-0319	7650-0319	7650-0321	7650-0321	7650-0323
Rebuild kit bottom block	NA	NA	7650-0475	7650-0475	NA	NA	7650-0394
Chain per meter	6908-9432	6908-9432	6908-9432	6908-9432	6905-4232	6905-4232	6908-9432
Set of hoses (5 hoses + 1 cable + 2 zip tie)	3525-0003	3525-0003	3525-0003	3525-0003	3525-0003	3525-0003	3525-0003

Kit description	LC2A060DIP2C-E	LC2A080DIP2C-E	LC2A060SIP2C-E	LC2A120DIP2C-E	LC2A180TIP2C-E	LC2A250QIP2C-E
Repair kit motor	7650-0135	7650-0220	7650-0220	7650-0220	7650-0220	7650-0220
Rebuild kit motor	7650-0378	7650-0378	7650-0378	7650-0378	7650-0378	7650-0378
Repair kit adaptor plate	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161	7650-0161
Repair kit PHS2E-U pendent	7650-0142	7650-0142	7650-0142	7650-0142	7650-0142	7650-0142
Rebuild kit PHS2E-U pendent	7650-0080	7650-0080	7650-0080	7650-0080	7650-0080	7650-0080
Repair kit brake	7650-0089	7650-0223	7650-0223	7650-0223	7650-0223	7650-0223
Repair kit reducer	7650-0224	7650-0224	7650-0230	7650-0230	7650-0230	7650-0230
Repair kit center section	7650-0228	7650-0228	7650-0234	7650-0234	7650-0237	7650-0237
Overhaul kit (include all above repair kits)	TBA	7650-0240	7650-0245	7650-0245	7650-0249	7650-0249
Repair kit top hook	7650-0324	7650-0324	7650-0326	7650-0328	7650-0330	7650-0332
Repair kit bottom hook/block	7650-0325	7650-0325	7650-0327	7650-0329	7650-0331	7650-0333
Rebuild kit bottom block	7650-0476	7650-0476		7650-0477	7650-0478	7650-0479
Chain per meter	6905-4232	6905-4232	6908-7532	6908-7532	6908-7532	6908-7532
Set of hoses (5 hoses + 1 cable + 2 zip tie)	3525-0003	3525-0003	3525-0003	3525-0003	3525-0003	3525-0003

MOTOR REPAIR KIT and MOTOR REBUILD KITS



P/N : 7650-0133 REPAIR KIT - 3,5 HP MOTOR
CPN : 38781340 Codification : RPK-MOTOR-3,5HP-IND



P/N : 7650-0133 REPAIR KIT - 3,5 HP MOTOR (Continued)

CPN : 38781340 Codification : RPK-MOTOR-3,5HP-IND

3.5HP Motor Assembly Without Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
800	Motor Assembly	1	7644-1114 (38794871)
1	Plug	1	6511-0441 (38648184)
34	Capscrew	7	4120-1604 (38597522)
47	Ball	1	6940-1625 (38542924)
53 (a)	'O' Ring	2	5820-9229 (38534517)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Springs	3	6916-5532 (38522587)
70 (a)	'O' Ring	2	5823-7429 (38597241)
74 (a)	Capscrew	4	4102-3001 (38749602)
75 (a)	Lockwasher	4	4520-1006 (38540142)
76 (b)	Motor Housing (new style)	1	9644-0575 (38776266)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing Sealed (After 2009)	4	5016-0002 (38636999)
	Bearing Open (Before 2009)		5010-0002 (38636742)
79 (c)	Idle Gear	1	47524780006
80 (c)	Drive gear		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	2	4600-1116 (38522231)
83	Motor Cover	1	9644-0515 (38768735)
84	Spring	2	6919-0341 (38758272)
86	Valve Assembly (includes 'O' Rings)	1	7644-1356 (38758389)
87	Valve Assembly (includes 'O' Rings)	1	7644-1357 (38758397)
90	Capscrew	5	4133-2206 (38597498)
91 (a)	Gasket	1	9644-1188 (38634770)
92	Cover Plate	1	9644-1027 (38577938)
151	Gasket	1	9644-1503 (38767372)
155	Plug	2	9644-0725 (38789632)
606	Setscrew	3	4200-7407 (38540498)

(a) Recommended spares, 2 years operation (ordering kits listed below is recommended).

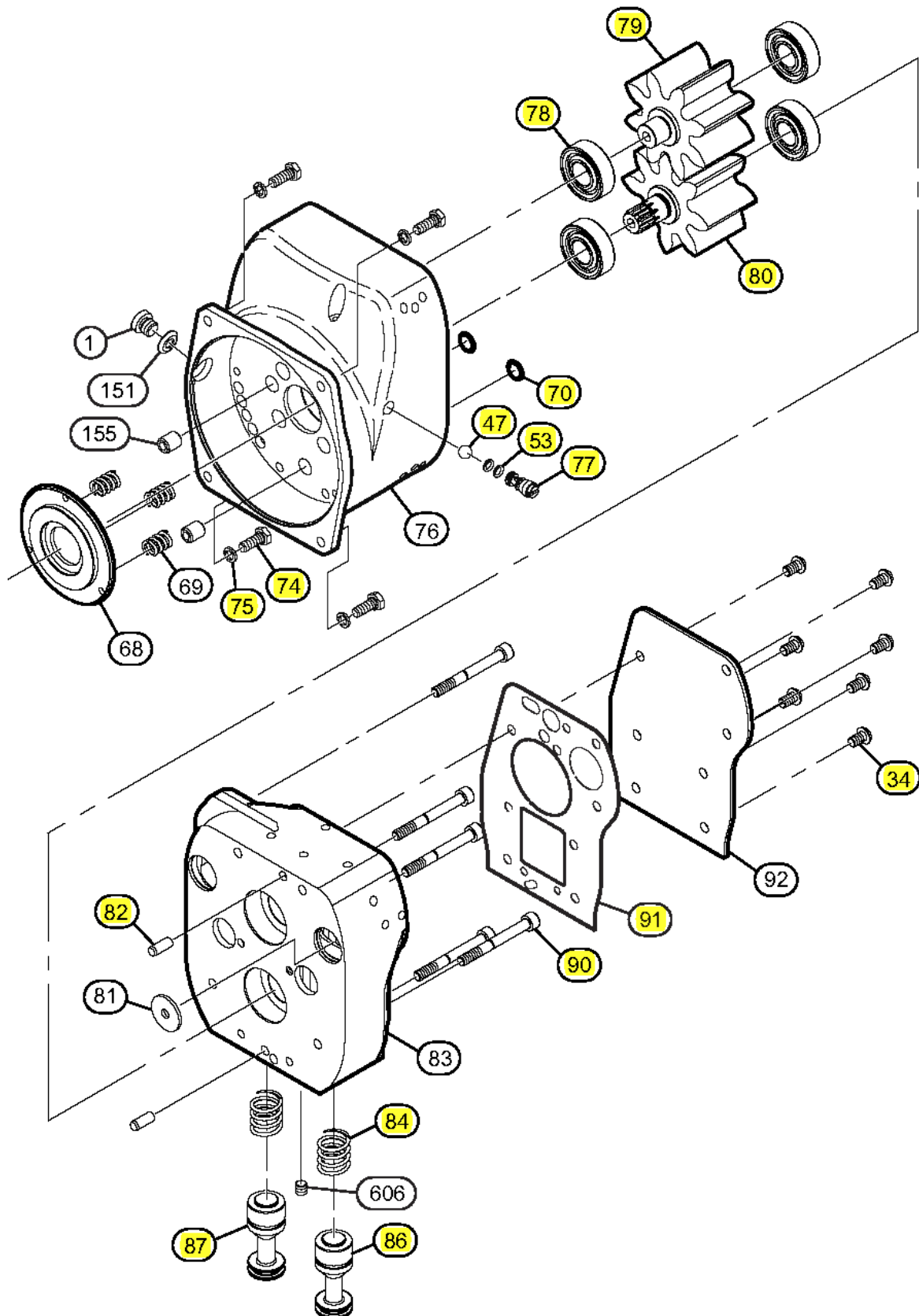
(b) Old Style motor housing used on hoist with serial number 08-04-52 and below. When ordering any new brake parts a new motor housing is required.

(c) Idle Gear (79) and Drive Gear (80) are not sold separately.

Parts not shown :

Qty 1	Motor gasket	P/N 9644-1048 (38578258)
Qty 1	Snap ring	P/N 4770-0015 (38522264)

P/N : 7650-0369 REBUILD KIT - 3,5 HP MOTOR
 CPN : 47524780006 Codification : RBK-MOTOR-3,5HP-IND



P/N : 7650-0369 REBUILD KIT - 3,5 HP MOTOR (Continued)

CPN : 47524780006 Codification : RBK-MOTOR-3,5HP-IND

3.5HP Motor Assembly Without Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
800	Motor Assembly	1	7644-1114 (38794871)
1	Plug	1	6511-0441 (38648184)
34	Capscrew	7	4120-1604 (38597522)
47	Ball	1	6940-1625 (38542924)
53 (a)	'O' Ring	2	5820-9229 (38534517)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Springs	3	6916-5532 (38522587)
70 (a)	'O' Ring	2	5823-7429 (38597241)
74 (a)	Capscrew	4	4102-3001 (38749602)
75 (a)	Lockwasher	4	4520-1006 (38540142)
76 (b)	Motor Housing (new style)	1	9644-0575 (38776266)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing Sealed (After 2009)	4	5016-0002 (38636999)
	Bearing Open (Before 2009)		5010-0002 (38636742)
79 (c)	Idle Gear - Not Sold Separately	1	Order Kit Rebuild Kit 7650-0369 (47524780006)
80 (c)	Drive gear Not Sold Separately		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	2	4600-1116 (38522231)
83	Motor Cover	1	9644-0515 (38768735)
84	Spring	2	6919-0341 (38758272)
86	Valve Assembly (includes 'O' Rings)	1	7644-1356 (38758389)
87	Valve Assembly (includes 'O' Rings)	1	7644-1357 (38758397)
90	Capscrew	5	4133-2206 (38597498)
91 (a)	Gasket	1	9644-1188 (38634770)
92	Cover Plate	1	9644-1027 (38577938)
151	Gasket	1	9644-1503 (38767372)
155	Plug	2	9644-0725 (38789632)
606	Setscrew	3	4200-7407 (38540498)

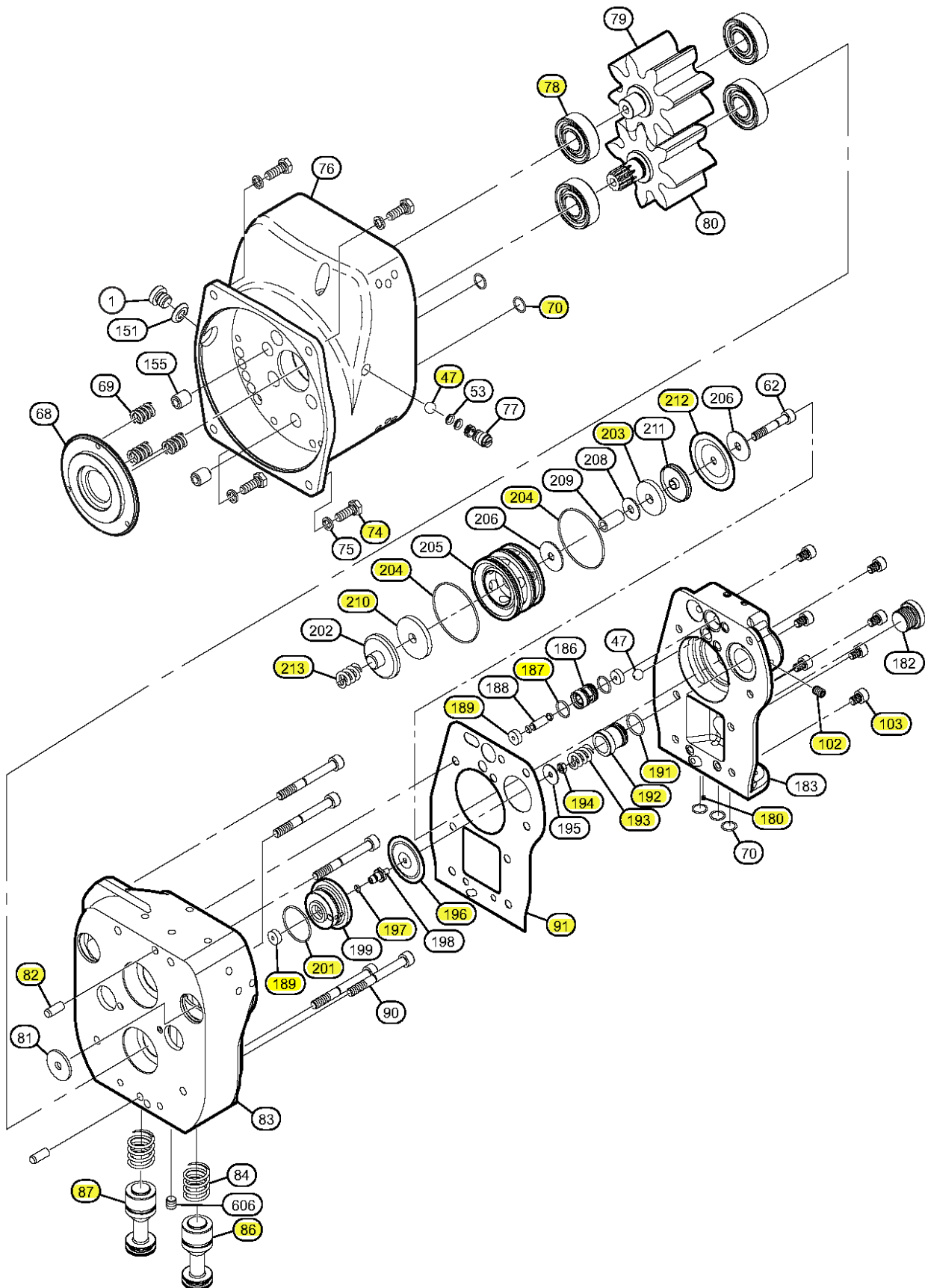
(a) Recommended spares, 2 years operation (ordering kits listed below is recommended).

(b) Old Style motor housing used on hoist with serial number 08-04-52 and below. When ordering any new brake parts a new motor housing is required.

(c) Idle Gear (79) and Drive Gear (80) are not sold separately.

P/N : 7650-0135 REPAIR KIT - 3,5 HP MOTOR - CE Version

CPN : 38781365 Codification : RPK-MOTOR-3,5HP-IND-CE



P/N : 7650-0135 REPAIR KIT - 3,5 HP MOTOR - CE Version (Continued)

CPN : 38781365 Codification : RPK-MOTOR-3,5HP-IND-CE

3.5HP Motor Assembly With Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
800	Motor Assembly	1	7644-1115 (38794863)
1	Plug	1	6511-0441 (38648184)
47	Ball	1	6940-1625 (38542924)
53 (a)	O' Ring	2	5820-9229 (38534517)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Springs	3	6916-5532 (38522587)
70 (a)	O' Ring	2	5823-7429 (38597241)
74 (a)	Capscrew	4	4102-3001 (38749602)
75 (a)	Lockwasher	4	4520-1006 (38540142)
76 (b)	Motor Housing (new style)	1	9644-0575 (38776266)
	Motor Housing (old style)		9644-1016 (38577904)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing "Closed"	4	5016-0002 (38636999)
	Bearing "Open"		5010-0002 (38636742)
79 (c)	Idle Gear	1	47 524780007
80 (a)	Drive Gear		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	2	4600-1116 (38522231)
83	Motor Cover (for Emergency Stop Adapter)	1	9644-1023 (38577912)
84	Spring	2	6919-0341 (38758272)
86	Valve Assembly (includes O' Rings)	1	7644-1356 (38758389)
87	Valve Assembly (includes O' Rings)	1	7644-1357 (38758397)
90	Capscrew	5	4133-2206 (38597498)
91 (a)	Gasket	1	9644-1188 (38634770)
151	Gasket	1	9644-1503 (38767372)
155	Plug	2	9644-0725 (38789632)
606	Setscrew	3	4200-7406

(a) Recommended spares, 2 years operation (ordering kits listed below is recommended).

(b) Old Style motor housing used on hoist with serial number 08-04- 52 and below. When ordering any new brake parts a new motor housing is required.

(c) Idle Gear (79) and Drive Gear (80) are not sold separately.

Emergency Stop Adapter for Pendant Control Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
47	Ball	1	6940-1625 (38542924)
62	Capscrew	1	4130-1106 (38535779)
70 (a)	O' Ring	3	5823-7429 (38597241)
102	Setscrew	1	4200-9207 (38597266)
103	Capscrew	7	4133-2306 (38597506)
180	Nozzle	1	9644-1187 (38634762)
182	Plug	1	6512-8928 (38648291)
183	Emergency Stop End Cover	1	9644-1077 (38593554)
186	Valve Seat	1	9644-1106 (38593562)
187 (a)	O' Ring	2	5820-5029 (38522645)

P/N : 7650-0135 REPAIR KIT - 3,5 HP MOTOR - CE Version (Continued)

CPN : 38781365 Codification : RPK-MOTOR-3,5HP-IND-CE

Emergency Stop Adapter for Pendant Control Parts List (continued)

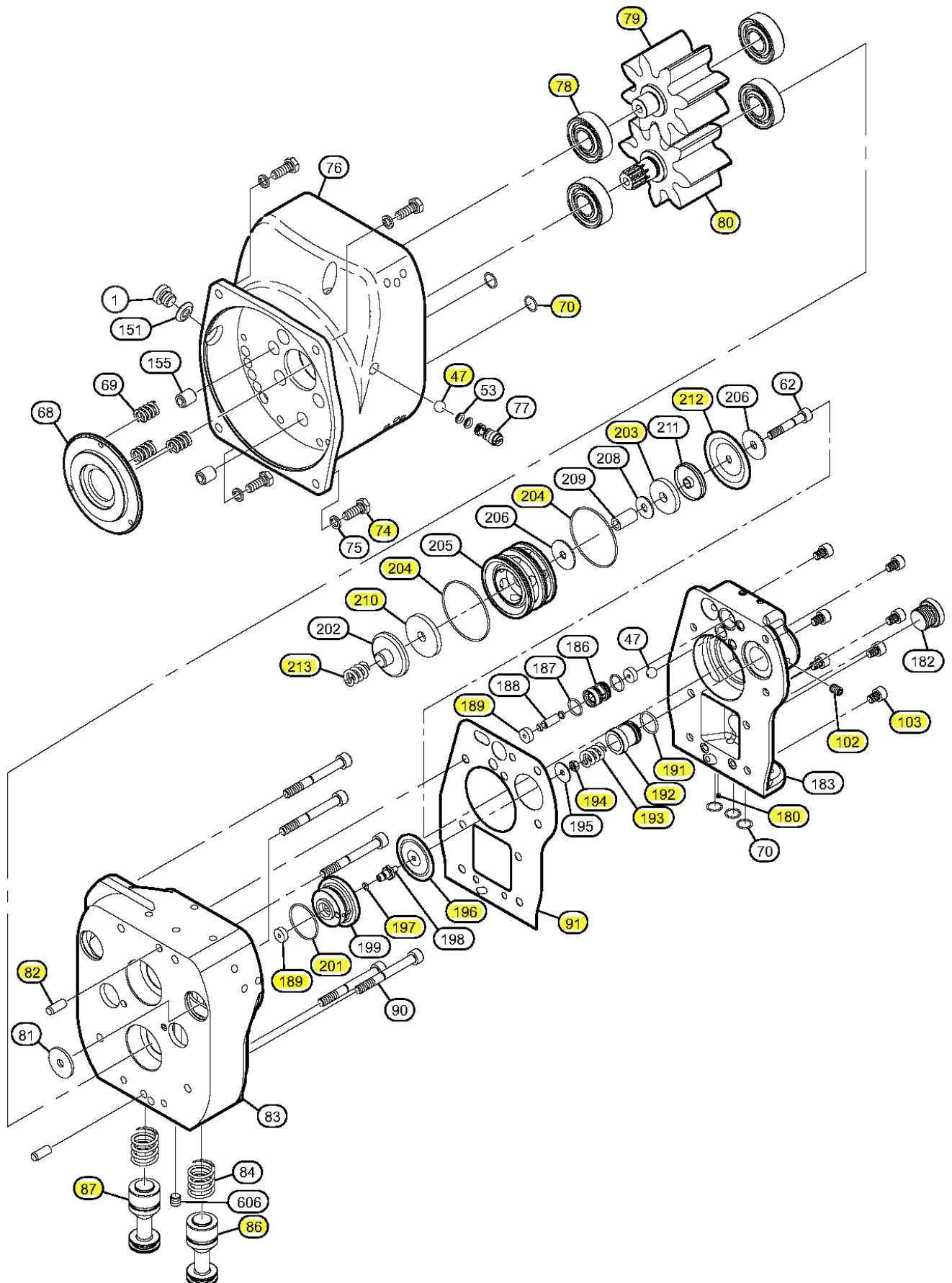
Item No.	Description of Parts	Total Qty.	Part Number (CCN)
188 (a)	Axle	1	9644-1105 (38593638)
189 (a)	Seal	3	9644-1103 (38593653)
191 (a)	O' Ring	1	5821-1729 (38524401)
192	Regulating Screw	1	9644-1096 (38593588)
193	Spring	1	6913-7041 (38570743)
194	Stop Nut	1	4300-1111 (38633046)
195	Washer	1	4570-1004 (38570792)
196 (a)	Diaphragm	1	9644-1097 (38593679)
197 (a)	O' Ring	1	5822-2329 (38522702)
198 (a)	Plunger	1	9636-0017 (38745626)
199	Base Plate	1	9644-1095 (38593620)
201 (a)	O' Ring	1	5823-7029 (38570750)
202	Cap	1	9644-1101 (38593604)
203 (a)	Seal	1	9617-0056 (38544300)
204 (a)	O' Ring	2	5823-7129 (38570768)
205	Valve Seat	1	9644-1098 (38593570)
206	Washer	2	4570-1006 (38570784)
208	Washer	1	4560-1006 (38570800)
209	Sleeve	1	9644-1102 (38593661)
210 (a)	Seal	1	9644-1104 (38593596)
211	Cap	1	9644-1100 (38593612)
212 (a)	Diaphragm Kit	1	47560888001
213	Spring	1	6915-8732 (38525333)

Parts not shown :

Qty 1	Motor gasket	P/N 9644-1048 (38578258)
Qty 1	Snap ring	P/N 4770-0015 (38522264)

P/N : 7650-0370 REBUILD KIT - 3,5 HP MOTOR - CE Version

CPN : 47524780007 Codification : RBK-MOTOR-3,5HP-IND-CE



P/N : 7650-0370 REBUILD KIT - 3,5 HP MOTOR - CE Version (Continued)

CPN : 47524780007 Codification : RBK-MOTOR-3,5HP-IND-CE

3.5HP Motor Assembly With Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
800	Motor Assembly	1	7644-1115 (38794863)
1	Plug	1	6511-0441 (38648184)
47	Ball	1	6940-1625 (38542924)
53 (a)	'O' Ring	2	5820-9229 (38534517)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Springs	3	6916-5532 (38522587)
70 (a)	'O' Ring	2	5823-7429 (38597241)
74 (a)	Capscrew	4	4102-3001 (38749602)
75 (a)	Lockwasher	4	4520-1006 (38540142)
76 (b)	Motor Housing (new style)	1	9644-0575 (38776266)
	Motor Housing (old style)		9644-1016 (38577904)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing "Closed"	4	5016-0002 (38636999)
	Bearing "Open"		5010-0002 (38636742)
79 (c)	Idle Gear	1	47524780007
80 (a)	Drive Gear		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	2	4600-1116 (38522231)
83	Motor Cover (for Emergency Stop Adapter)	1	9644-1023 (38577912)
84	Spring	2	6919-0341 (38758272)
86	Valve Assembly (Includes 'O' Rings)	1	7644-1356 (38758389)
87	Valve Assembly (Includes 'O' Rings)	1	7644-1357 (38758397)
90	Capscrew	5	4133-2206 (38597498)
91 (a)	Gasket	1	9644-1188 (38634770)
151	Gasket	1	9644-1503 (38767372)
155	Plug	2	9644-0725 (38789632)
606	Setscrew	3	4200-7406

(a) Recommended spares, 2 years operation (ordering kits listed below is recommended).

(b) Old Style motor housing used on hoist with serial number 08-04-52 and below. When ordering any new brake parts a new motor housing is required.

(c) Idle Gear (79) and Drive Gear (80) are not sold separately.

Table 15. Emergency Stop Adapter for Pendant Control Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
47	Ball	1	6940-1625 (38542924)
62	Capscrew	1	4130-1106 (38535779)
70 (a)	O' Ring	3	5823-7429 (38597241)
102	Setscrew	1	4200-9207 (38597266)
103	Capscrew	7	4133-2306 (38597506)
180	Nozzle	1	9644-1187 (38634762)
182	Plug	1	6512-8928 (38648291)
183	Emergency Stop End Cover	1	9644-1077 (38593554)
186	Valve Seat	1	9644-1106 (38593562)
187 (a)	O' Ring	2	5820-5029 (38522645)

P/N : 7650-0370 REBUILD KIT - 3,5 HP MOTOR - CE Version (Continued)

CPN : 47524780007 Codification : RBK-MOTOR-3,5HP-IND-CE

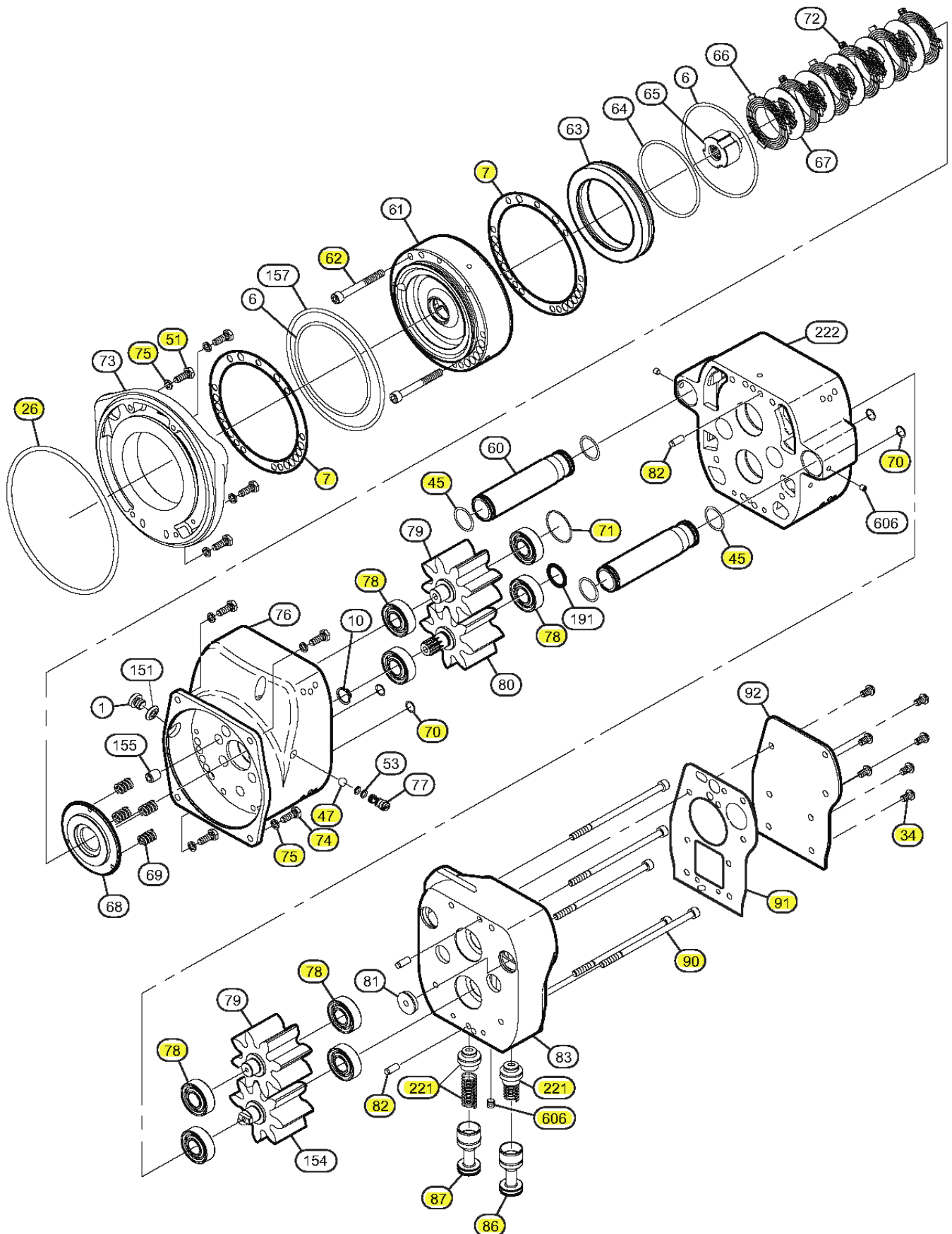
Emergency Stop Adapter for Pendant Control Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
188 (a)	Axle	1	9644-1105 (38593638)
189 (a)	Seal	3	9644-1103 (38593653)
191 (a)	O' Ring	1	5821-1729 (38524401)
192	Regulating Screw	1	9644-1096 (38593588)
193	Spring	1	6913-7041 (38570743)
194	Stop Nut	1	4300-1111 (38633046)
195	Washer	1	4570-1004 (38570792)
196 (a)	Diaphragm	1	9644-1097 (38593679)
197 (a)	O' Ring	1	5822-2329 (38522702)
198 (a)	Plunger	1	9636-0017 (38745626)
199	Base Plate	1	9644-1095 (38593620)
201 (a)	O' Ring	1	5823-7029 (38570750)
202	Cap	1	9644-1101 (38593604)
203 (a)	Seal	1	9617-0056 (38544300)
204 (a)	O' Ring	2	5823-7129 (38570768)
205	Valve Seat	1	9644-1098 (38593570)
206	Washer	2	4570-1006 (38570784)
208	Washer	1	4560-1006 (38570800)
209	Sleeve	1	9644-1102 (38593661)
210 (a)	Seal	1	9644-1104 (38593596)
211	Cap	1	9644-1100 (38593612)
212 (a)	Diaphragm Kit	1	47560888001
213	Spring	1	6915-8732 (38525333)

Emergency Stop Adapter for Pendant Control Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
47	Ball	1	6940-1625 (38542924)
62	Capscrew	1	4130-1106 (38535779)
70 (a)	O' Ring	3	5823-7429 (38597241)
102	Setscrew	1	4200-9207 (38597266)
103	Capscrew	7	4133-2306 (38597506)
180	Nozzle	1	9644-1187 (38634762)
182	Plug	1	6512-8928 (38648291)
183	Emergency Stop End Cover	1	9644-1077 (38593554)
186	Valve Seat	1	9644-1106 (38593562)
187 (a)	O' Ring	2	5820-5029 (38522645)

P/N : 7650-0219 REPAIR KIT - 6 HP MOTOR
CPN : 38791802 Codification : RPK-MOTOR-6HP-IND



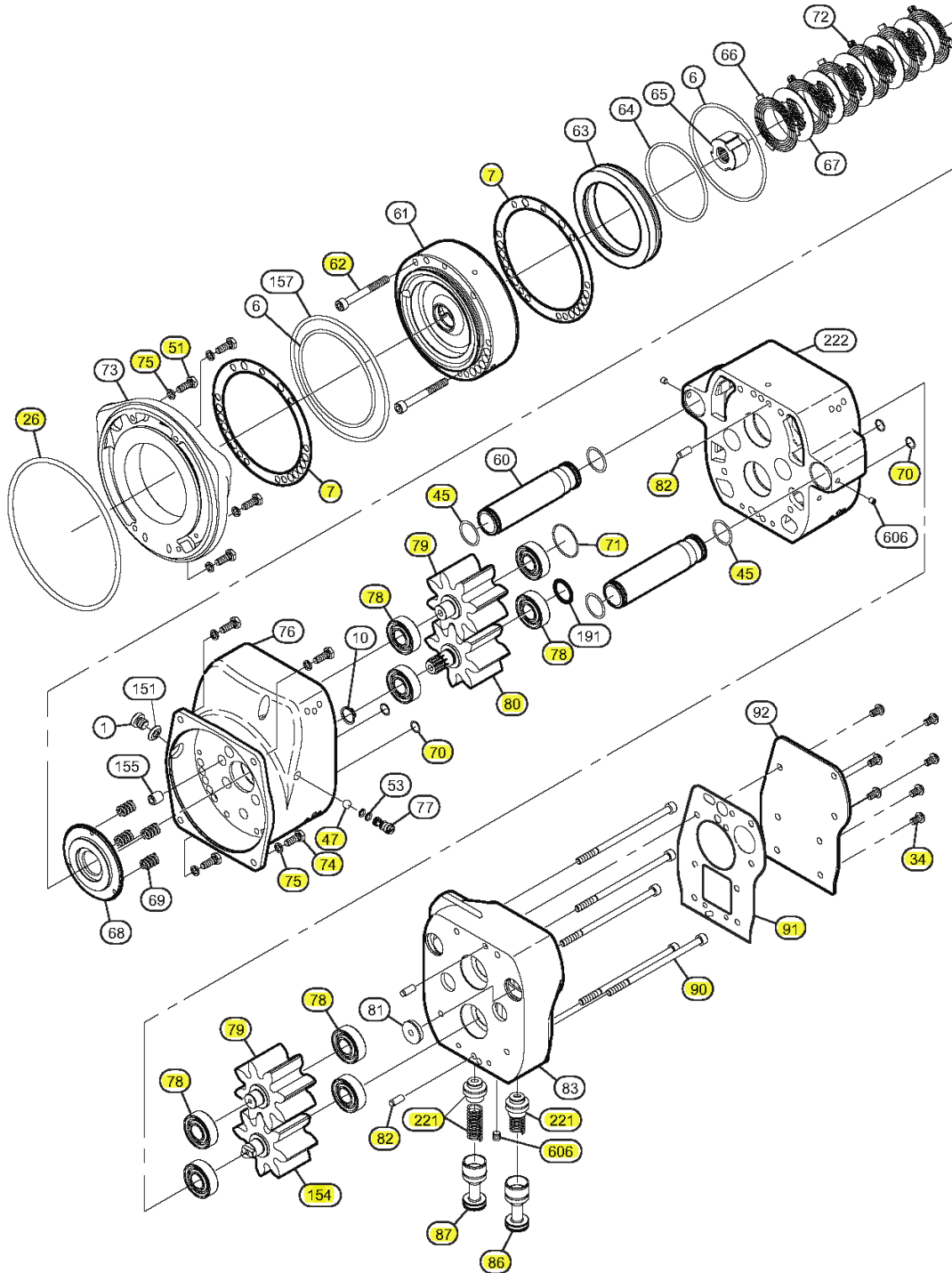
P/N : 7650-0219 REPAIR KIT - 6 HP MOTOR (Continued)

CPN : 38791802 Codification : RPK-MOTOR-6HP-IND

6HP Motor and Disc Brake Assembly Without Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
802	Motor Assembly (with Disc Brake)	1	7645-0071 (38794889)
1 (a)	Plug	1	6511-0441 (38648184)
6 (a)	O' Ring	2	5823-5229 (38548236)
7 (a)	Gasket	2	9644-1048 (38578258)
10 (a)	Retainer Ring	1	4770-0015 (38522264)
26 (a)	O' Ring	1	5823-9329 (38773685)
34	Capscrew	7	4120-1604 (38597522)
45	O' Ring	4	5822-0129 (38530697)
47	Ball	1	6940-1625 (38542924)
51	Capscrew	4	4131-2206 (38543385)
53 (a)	O' Ring	2	5820-9229 (38534517)
60	Exhaust Pipe	2	9645-0031 (38764304)
61	Brake Housing	1	9644-0574 (38776258)
62	Capscrew	2	4132-2306 (38540183)
63	Piston	1	9644-1014 (38578274)
64 (a)	O' Ring	1	5823-5129 (38548228)
65	Splined Hub	1	9644-1013 (38577748)
66	Friction Plate	3	6302-8241 (38548186)
67	Drive Plate	5	6302-8341 (38548194)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Spring	4	6916-5532 (38522587)
70 (a)	O' Ring	4	5823-7429 (38597241)
71 (a)	O' Ring	1	5823-9529 (38773917)
72	Friction Plate with Spring Clips	3	9644-1552 (38774139)
73	End Cover	1	9645-0044 (38773362)
74	Capscrew	4	4102-3001 (38749602)
75	Washer	8	4520-1006 (38540142)
76	Motor Housing	1	9644-0575 (38776266)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing	8	5016-0002 (38636999)
79 (b)	Idle Gear	1	47524780014
80 (b)	Drive Gear		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	4	4600-1116 (38522231)
83	Motor Cover	1	9644-0515 (38768735)
86	Valve Assembly (includes O' Rings)	1	7645-0379 (46880159)
87	Valve Assembly (includes O' Rings)	1	7645-0381 (46880167)
90	Capscrew	5	4133-2406 (38597548)
91 (a)	Gasket	1	9644-1188 (38634770)
92	Cover Plate	1	9644-1027 (38577938)
151	Gasket	1	9644-1503 (38767372)
221	Spring Assembly	2	9645-0380 (46880175)
606	Setscrew	8	4200-7407 (38540498)

P/N : 7650-0377 REBUILD KIT - 6 HP MOTOR
 CPN : 47524780014 Codification : RBK-MOTOR-6HP-IND



6HP Motor and Disc Brake Assembly Without Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
802	Motor Assembly (with Disc Brake)	1	7645-0071 (38794889)
1 (a)	Plug	1	6511-0441 (38648184)
6 (a)	O' Ring	2	5823-5229 (38548236)
7 (a)	Gasket	2	9644-1048 (38578258)
10 (a)	Retainer Ring	1	4770-0015 (38522264)
26 (a)	O' Ring	1	5823-9329 (38773685)
34	Capscrew	7	4120-1604 (38597522)
45	O' Ring	4	5822-0129 (38530697)
47	Ball	1	6940-1625 (38542924)

P/N : 7650-0377 REBUILD KIT - 6 HP MOTOR (Continued)

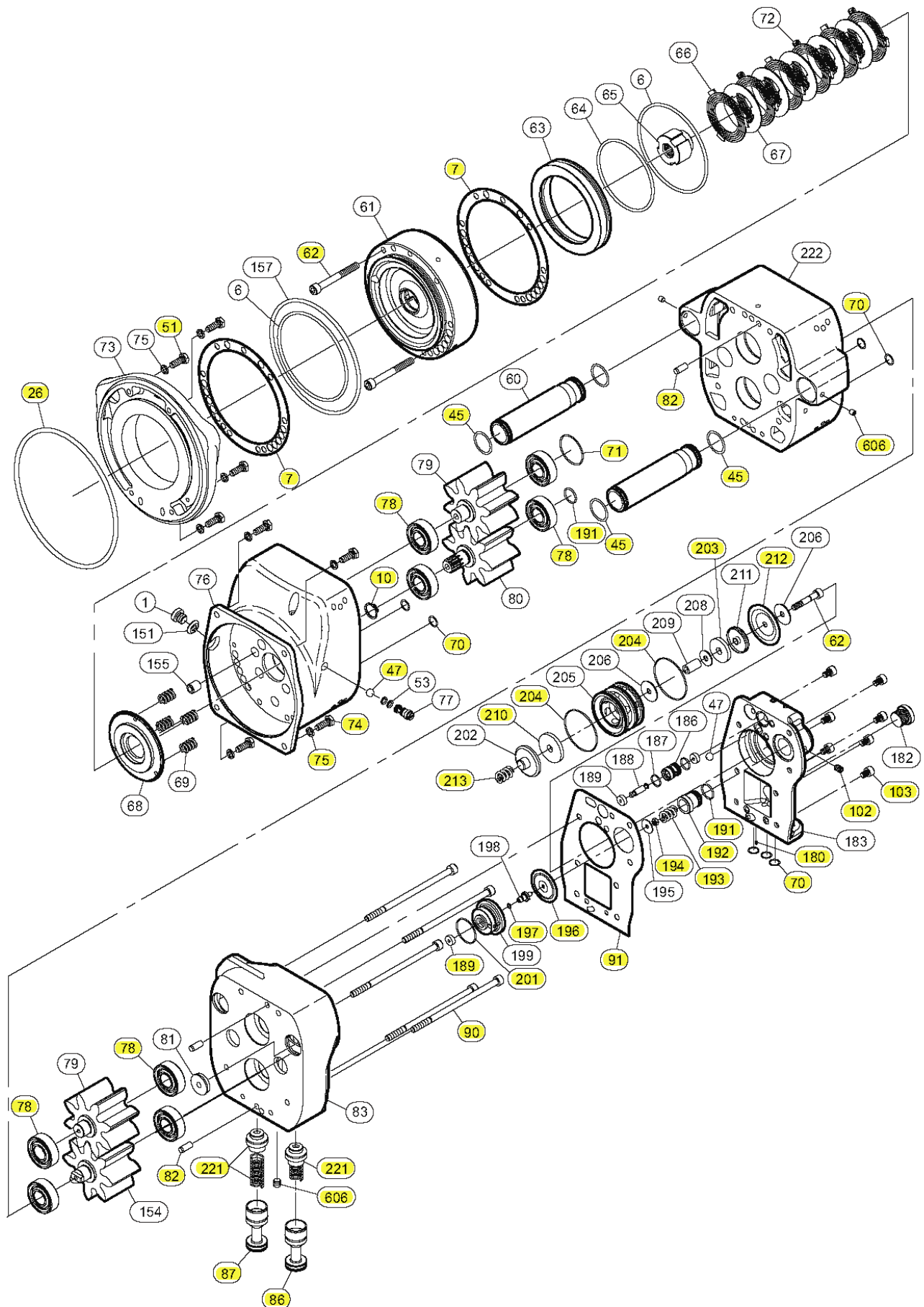
CPN : 47524780014 Codification : RBK-MOTOR-6HP-IND

6HP Motor and Disc Brake Assembly Without Emergency Stop Adapter Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
51	Capscrew	4	4131-2206 (38543385)
53 (a)	`O' Ring	2	5820-9229 (38534517)
60	Exhaust Pipe	2	9645-0031 (38764304)
61	Brake Housing	1	9644-0574 (38776258)
62	Capscrew	2	4132-2306 (38540183)
63	Piston	1	9644-1014 (38578274)
64 (a)	O' Ring	1	5823-5129 (38548228)
65	Splined Hub	1	9644-1013 (38577748)
66	Friction Plate	3	6302-8241 (38548186)
67	Drive Plate	5	6302-8341 (38548194)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Spring	4	6916-5532 (38522587)
70 (a)	`O' Ring	4	5823-7429 (38597241)
71 (a)	`O' Ring	1	5823-9529 (38773917)
72	Friction Plate with Spring Clips	3	9644-1552 (38774139)
73	End Cover	1	9645-0044 (38773362)
74	Capscrew	4	4102-3001 (38749602)
75	Washer	8	4520-1006 (38540142)
76	Motor Housing	1	9644-0575 (38776266)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing	8	5016-0002 (38636999)
79 (b)	Idle Gear	1	47524780014
80 (b)	Drive Gear		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	4	4600-1116 (38522231)
83	Motor Cover	1	9644-0515 (38768735)
86	Valve Assembly (includes `O' Rings)	1	7645-0379 (46880159)
87	Valve Assembly (includes `O' Rings)	1	7645-0381 (46880167)
90	Capscrew	5	4133-2406 (38597548)
91 (a)	Gasket	1	9644-1188 (38634770)
92	Cover Plate	1	9644-1027 (38577938)
151	Gasket	1	9644-1503 (38767372)
154 (b)	Drive Gear for Second Step	1	47524780014
155	Plug	2	9644-0725 (38789632)
157 (a)	`O' Ring	1	5823-9129 (38767380)
191 (a)	`O' Ring	1	5821-1729 (38524401)
221	Spring Assembly	2	9645-0380 (46880175)
222	Motor Cover	1	9644-1364 (38766911)
606	Setscrew	8	4200-7407 (38540498)

P/N : 7650-0220 REPAIR KIT - 6 HP MOTOR - CE Version

CPN : 38791810 Codification : RPK-MOTOR-6HP-IND-CE



P/N : 7650-0220 REPAIR KIT - 6 HP MOTOR - CE Version (Continued)

CPN : 38791810 Codification : RPK-MOTOR-6HP-IND-CE

6HP Motor and Disc Brake Assembly With Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
802	Motor Assembly (without Disc Brake)	1	7645-0072 (38794897)
1 (a)	Plug	1	6511-0441 (38648184)
6 (a)	`O' Ring	2	5823-5229 (38548236)
7 (a)	Gasket	2	9644-1048 (38578258)
10 (a)	Retainer Ring	2	4770-0015 (38522264)
26 (a)	`O' Ring	1	5823-9329 (38773685)
45 (a)	`O' Ring	4	5822-0129 (38530697)
47	Ball	1	6940-1625 (38542924)
51	Capscrew	4	4131-2206 (38543385)
53 (a)	`O' Ring	2	5820-9229 (38534517)
60	Exhaust Pipe	2	9645-0031 (38764304)
61	Brake Housing	1	9644-0574 (38776258)
62	Capscrew	2	4132-2306 (38540183)
63	Piston	1	9644-1014 (38578274)
64 (a)	`O' Ring	1	5823-5129 (38548228)
65	Splined Hub	1	9644-1013 (38577748)
66	Friction Plate	3	6302-8241 (38548186)
67	Drive Plate	5	6302-8341 (38548194)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Spring	4	6916-5532 (38522587)
70 (a)	`O' Ring	4	5823-7429 (38597241)
71 (a)	`O' Ring	1	5823-9529 (38773917)
72	Friction Plate with Spring Clips	3	9644-1552 (38774139)
73	End Cover	1	9645-0044 (38773362)
74	Capscrew	4	4102-3001 (38749602)
75	Washer	8	4520-1006 (38540142)
76	Motor Housing	1	9644-0575 (38776266)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing	8	5016-0002 (38636999)
79 (b)	Idle Gear	1	47524780015
80 (b)	Drive Gear		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	4	4600-1116 (38522231)
83	Motor Cover (for Emergency Stop Adapter)	1	9644-1023 (38577912)
86	Valve Assembly (includes `O' Rings)	1	7645-0379 (46880159)
87	Valve Assembly (includes `O' Rings)	1	7645-0381 (46880167)
90	Capscrew	5	4133-2406 (38597548)
91 (a)	Gasket	1	9644-1188 (38634770)
92	Cover Plate	1	9644-1027 (38577938)
151	Gasket	1	9644-1503 (38767372)
154 (b)	Drive Gear for Second Step	1	47524780015

P/N : 7650-0220 REPAIR KIT - 6 HP MOTOR - CE Version (Continued)

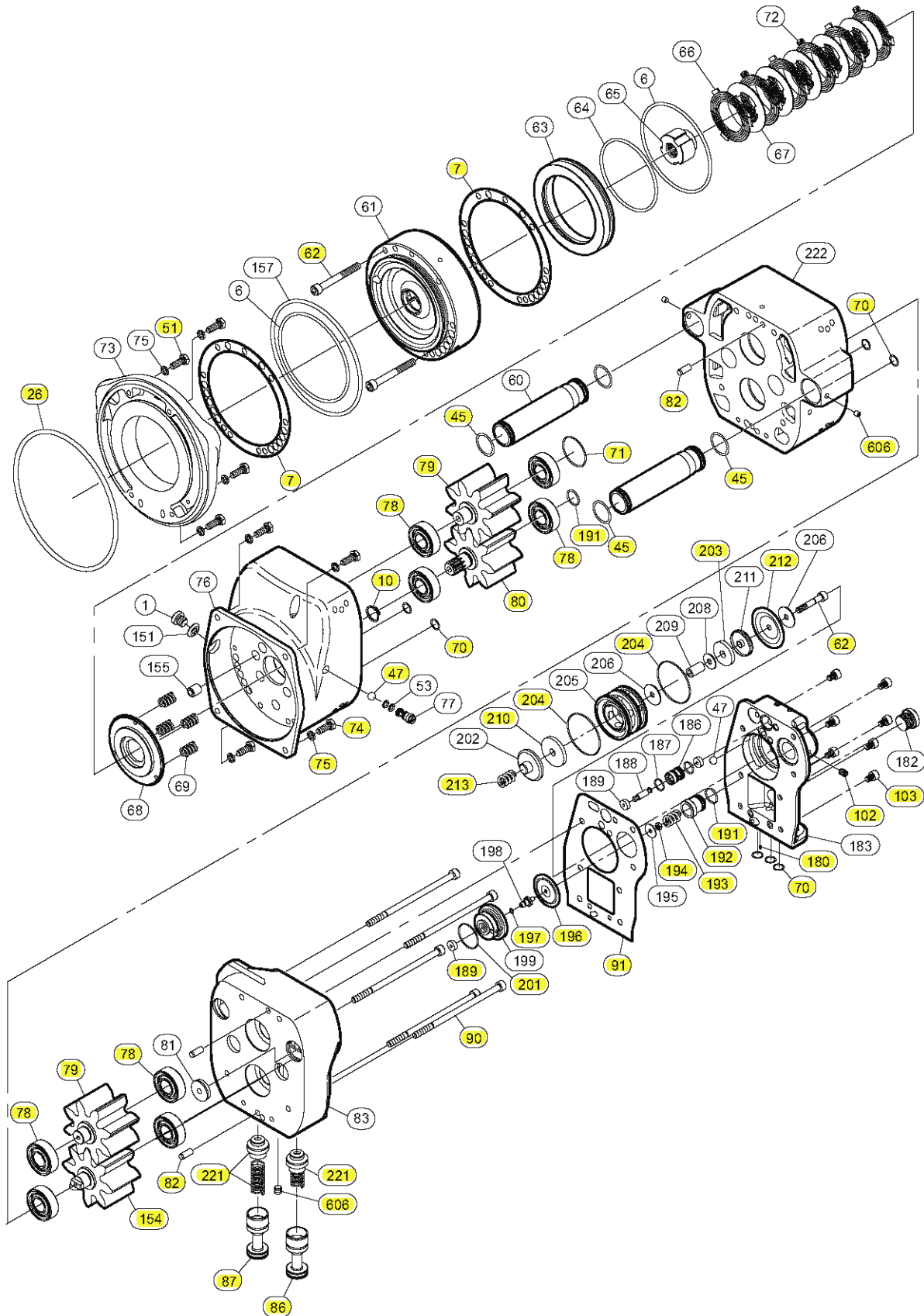
CPN : 38791810 Codification : RPK-MOTOR-6HP-IND-CE

Emergency Stop Adapter for Pendant Control Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
47	Ball	1	6940-1625 (38542924)
62	Capscrew	1	4130-1106 (38535779)
70 (a)	'O' Ring	3	5823-7429 (38597241)
102	Setscrew	1	4200-9207 (38597266)
103	Capscrew	7	4133-2306 (38597506)
180	Nozzle	1	9644-1187 (38634762)
182	Plug	1	6512-8928 (38648291)
183	Emergency Stop End Cover	1	9644-1077 (38593554)
186	Valve Seat	1	9644-1106 (38593562)
187 (a)	'O' Ring	2	5820-5029 (38522645)
188 (a)	Axle	1	9644-1105 (38593638)
189 (a)	Seal	3	9644-1103 (38593653)
191 (a)	'O' Ring	1	5821-1729 (38524401)
192	Regulating Screw	1	9644-1096 (38593588)
193	Spring	1	6913-7041 (38570743)
194	Stop Nut	1	4300-1111 (38633046)
195	Washer	1	4570-1004 (38570792)
196 (a)	Diaphragm	1	9644-1097 (38593679)
197 (a)	'O' Ring	1	5822-2329 (38522702)
198 (a)	Plunger	1	9636-0017 (38745626)
199	Base Plate	1	9644-1095 (38593620)
201 (a)	'O' Ring	1	5823-7029 (38570750)
202	Cap	1	9644-1101 (38593604)
203 (a)	Seal	1	9617-0056 (38544300)
204 (a)	'O' Ring	2	5823-7129 (38570768)
205	Valve Seat	1	9644-1098 (38593570)
206	Washer	2	4570-1006 (38570784)
208	Washer	1	4560-1006 (38570800)
209	Sleeve	1	9644-1102 (38593661)
210 (a)	Seal	1	9644-1104 (38593596)
211	Cap	1	9644-1100 (38593612)
221	Spring Assembly	1	9645-0380 (46880175)
222	Motor Cover	1	9644-1364 (38766911)
606	Setscrew	5	4200-7407 (38540498)
212 (a)	Diaphragm Kit	1	47560888001
213	Spring	1	6915-8732 (38525333)

P/N : 7650-0378 REBUILD KIT - 6 HP MOTOR - CE Version

CPN : 47524780015 Codification : RBK-MOTOR-6HP-IND-CE



P/N : 7650-0378 REBUILD KIT - 6 HP MOTOR - CE Version (Continued)

CPN : 47524780015 Codification : RBK-MOTOR-6HP-IND-CE

6HP Motor and Disc Brake Assembly With Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
802	Motor Assembly (without Disc Brake)	1	7645-0072 (38794897)
1 (a)	Plug	1	6511-0441 (38648184)
6 (a)	`O' Ring	2	5823-5229 (38548236)
7 (a)	Gasket	2	9644-1048 (38578258)
10 (a)	Retainer Ring	2	4770-0015 (38522264)
26 (a)	`O' Ring	1	5823-9329 (38773685)
45 (a)	`O' Ring	4	5822-0129 (38530697)
47	Ball	1	6940-1625 (38542924)
51	Capscrew	4	4131-2206 (38543385)
53 (a)	`O' Ring	2	5820-9229 (38534517)
60	Exhaust Pipe	2	9645-0031 (38764304)
61	Brake Housing	1	9644-0574 (38776258)
62	Capscrew	2	4132-2306 (38540183)
63	Piston	1	9644-1014 (38578274)
64 (a)	`O' Ring	1	5823-5129 (38548228)
65	Splined Hub	1	9644-1013 (38577748)
66	Friction Plate	3	6302-8241 (38548186)
67	Drive Plate	5	6302-8341 (38548194)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Spring	4	6916-5532 (38522587)
70 (a)	`O' Ring	4	5823-7429 (38597241)
71 (a)	`O' Ring	1	5823-9529 (38773917)
72	Friction Plate with Spring Clips	3	9644-1552 (38774139)
73	End Cover	1	9645-0044 (38773362)
74	Capscrew	4	4102-3001 (38749602)
75	Washer	8	4520-1006 (38540142)
76	Motor Housing	1	9644-0575 (38776266)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing	8	5016-0002 (38636999)
79 (b)	Idle Gear	1	47524780015
80 (b)	Drive Gear		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	4	4600-1116 (38522231)
83	Motor Cover (for Emergency Stop Adapter)	1	9644-1023 (38577912)
86	Valve Assembly (includes `O' Rings)	1	7645-0379 (46880159)
87	Valve Assembly (includes `O' Rings)	1	7645-0381 (46880167)
90	Capscrew	5	4133-2406 (38597548)
91 (a)	Gasket	1	9644-1188 (38634770)
92	Cover Plate	1	9644-1027 (38577938)
151	Gasket	1	9644-1503 (38767372)
154 (b)	Drive Gear for Second Step	1	47524780015

P/N : 7650-0378 REBUILD KIT - 6 HP MOTOR - CE Version (Continued)

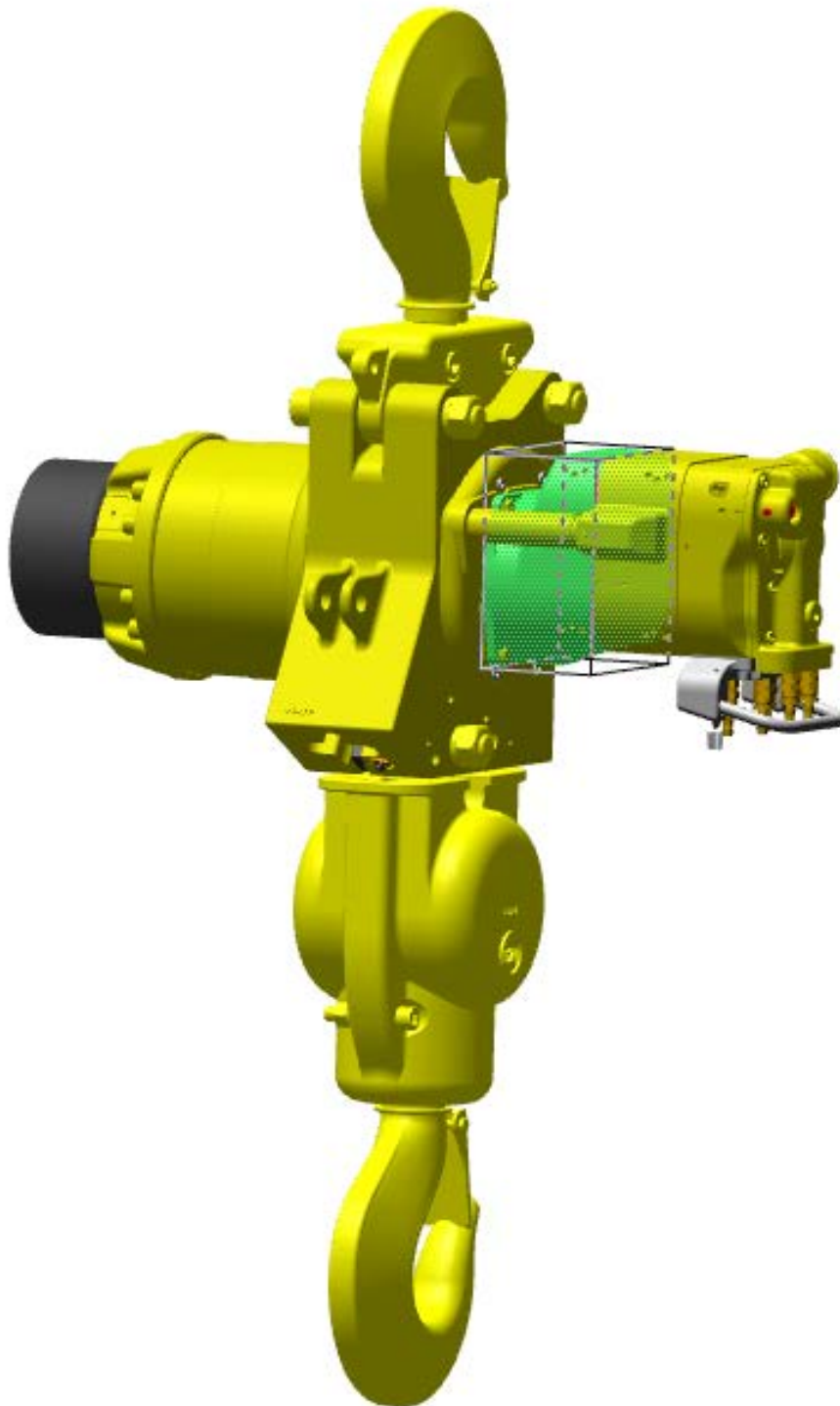
CPN : 47524780015 Codification : RBK-MOTOR-6HP-IND-CE

Emergency Stop Adapter for Pendant Control Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
47	Ball	1	6940-1625 (38542924)
62	Capscrew	1	4130-1106 (38535779)
70 (a)	`O' Ring	3	5823-7429 (38597241)
102	Setscrew	1	4200-9207 (38597266)
103	Capscrew	7	4133-2306 (38597506)
180	Nozzle	1	9644-1187 (38634762)
182	Plug	1	6512-8928 (38648291)
183	Emergency Stop End Cover	1	9644-1077 (38593554)
186	Valve Seat	1	9644-1106 (38593562)
187 (a)	`O' Ring	2	5820-5029 (38522645)
188 (a)	Axle	1	9644-1105 (38593638)
189 (a)	Seal	3	9644-1103 (38593653)
191 (a)	`O' Ring	1	5821-1729 (38524401)
192	Regulating Screw	1	9644-1096 (38593588)
193	Spring	1	6913-7041 (38570743)
194	Stop Nut	1	4300-1111 (38633046)
195	Washer	1	4570-1004 (38570792)
196 (a)	Diaphragm	1	9644-1097 (38593679)
197 (a)	`O' Ring	1	5822-2329 (38522702)
198 (a)	Plunger	1	9636-0017 (38745626)
199	Base Plate	1	9644-1095 (38593620)
201 (a)	`O' Ring	1	5823-7029 (38570750)
202	Cap	1	9644-1101 (38593604)
203 (a)	Seal	1	9617-0056 (38544300)
204 (a)	`O' Ring	2	5823-7129 (38570768)
205	Valve Seat	1	9644-1098 (38593570)
206	Washer	2	4570-1006 (38570784)
208	Washer	1	4560-1006 (38570800)
209	Sleeve	1	9644-1102 (38593661)
210 (a)	Seal	1	9644-1104 (38593596)
211	Cap	1	9644-1100 (38593612)
212 (a)	Diaphragm Kit	1	47560888001
213	Spring	1	6915-8732 (38525333)
221	Spring Assembly	1	9645-0380 (46880175)
222	Motor Cover	1	9644-1364 (38766911)
606	Setscrew	5	4200-7407 (38540498)

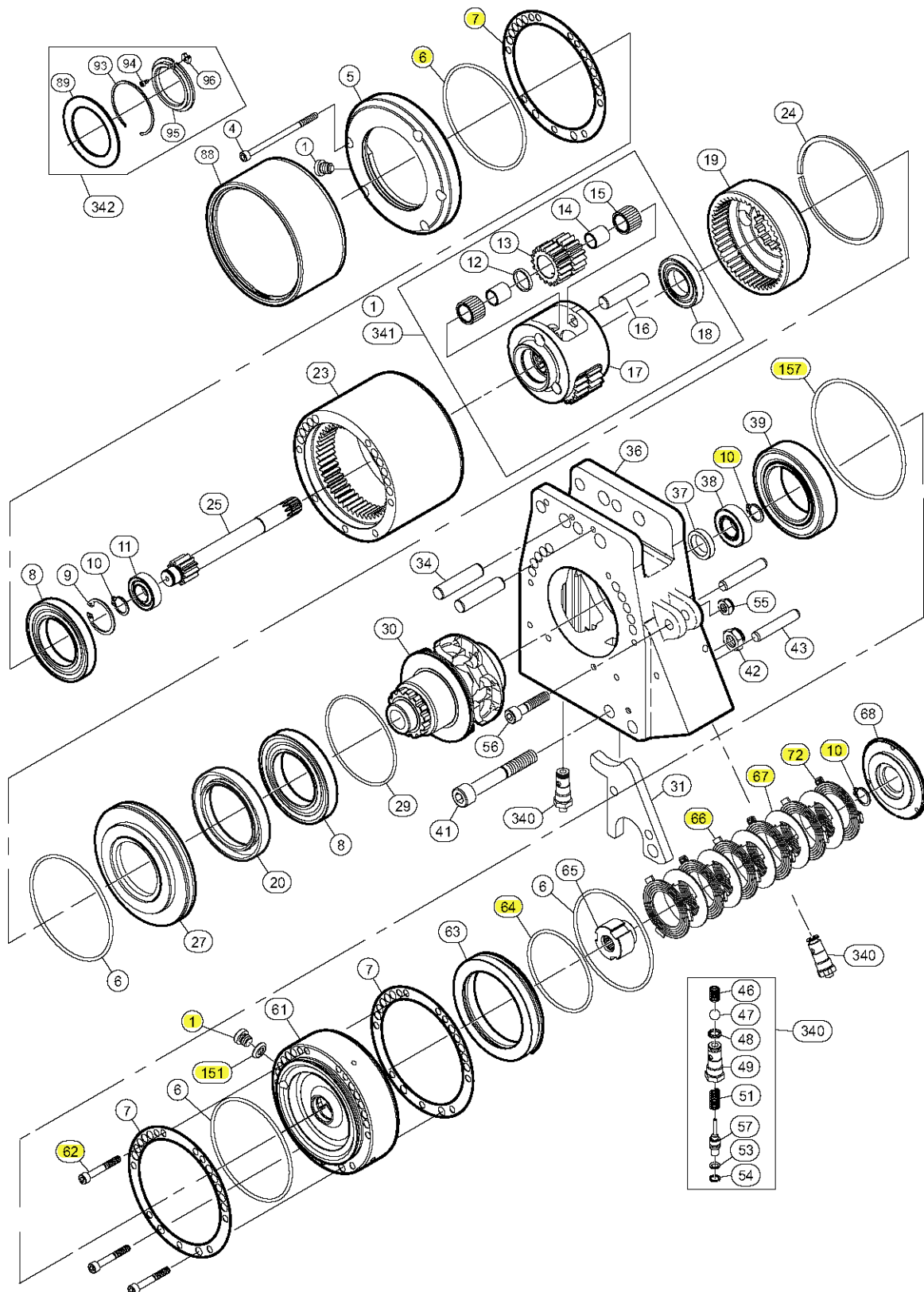
(a) Recommended spares, 2 years operation (ordering kits listed below is recommended).

BRAKE REPAIR KITS



P/N : 7650-0089 REPAIR KIT - LC2A010S/015S/020D/030D BRAKE

CPN : 38780904 Codification : RPK-LC2A015/30-B



P/N : 7650-0089 REPAIR KIT - LC2A010S/015S/020D/030D BRAKE (Continued)

CPN : 38780904 Codification : RPK-LC2A015/30-B

LC2A010S-015S-020D-030D Powerhead and Disc Brake Assembly Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
1 (a)	Plug	2	6511-0441 (38648184)
4 (b)	Capscrew CHC M6-100	5	4133-2506 (38597563)
5	Reduction Gear End Cover (new style)	1	9644-0817 (38799482)
	Reduction Gear End Cover (old style)	1	9644-3008 (38577888)
6 (a)	O' Ring	4	5823-5229 (38548236)
7 (a)	Gasket	3	9644-1048 (38578258)
8	Bearing	2	5080-0009 (38522165)
9	Retainer Ring	1	4770-3032 (38522280)
10 (a)	Retainer Ring	3	4770-0015 (38522264)
53	O' Ring	2	
54	Snap Ring	2	
55	Nut	1	4370-6511 (38633491)
56	Capscrew	1	4132-6706 (38632261)
62	Capscrew	3	4130-1106 (38535779)
63	Piston	1	9644-1014 (38578274)
64 (a)	O' Ring	1	5823-5129 (38548228)
65	Splined Hub	1	9644-1013 (38577748)
66	Friction Plate	3	6302-8241 (38548186)
67	Drive Plate	5	6302-8341 (38548194)
68	Brake Reaction Plate	1	9644-1015 (38577763)
72	Friction Plate with Spring Clips	3	9644-1552 (38774139)
88	Muffler Assembly	1	3644-0567 (38775615)
89 (d)	Ring Flat	1	9644-0566 (38775649)
93	Expansive Ring	1	4789-8541 (38775581)
94	Capscrew	1	4130-9606 (38523601)
95	Adapter Support	1	9644-0564 (38775623)
96	Plate Stop	1	9644-0565 (38775631)
151	Gasket	1	9644-1503 (38767372)
157 (a)	O' Ring	1	5823-9129 (38767380)
341 (e)	Planetary Support Assembly	1	7644-0759 (38795001)
342	Retro Fit Kit Cartridge Muffler	1	7644-0563 (38775607)

(a) Recommended spares, 2 years operation (ordering kits listed below is recommended).

(b) Item 4 Capscrew 4133-9806 QTY: 5 (105mm) W/Serial Number 080452 to 160899

Item 4 Capscrew 4133-2506 QTY: 5 (100mm) W/Serial Number 160900 and ABOVE

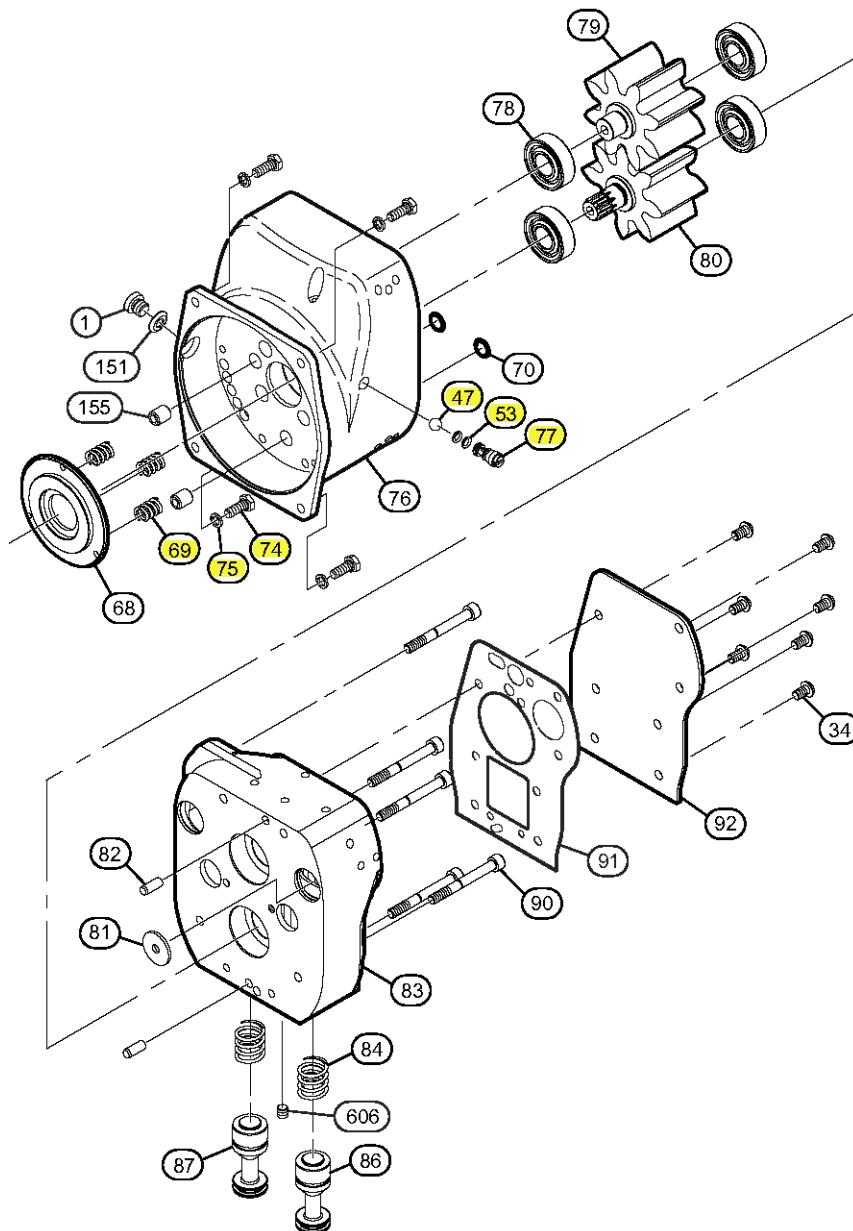
(c) When ordering disc brake replacement housing a new motor housing is required, refer to MHP2652. This change effects hoists with serial numbers of 08-04-52 and below.

(d) Items 89, 93 — 96 are for older style hoists, using old style item 5 part.

(e) Do not disassemble planet support assembly item 341.

P/N : 7650-0089 REPAIR KIT - LC2A010S/015S/020D/030D BRAKE (Continued)

CPN : 38780904 Codification : RPK-LC2A015/30-B

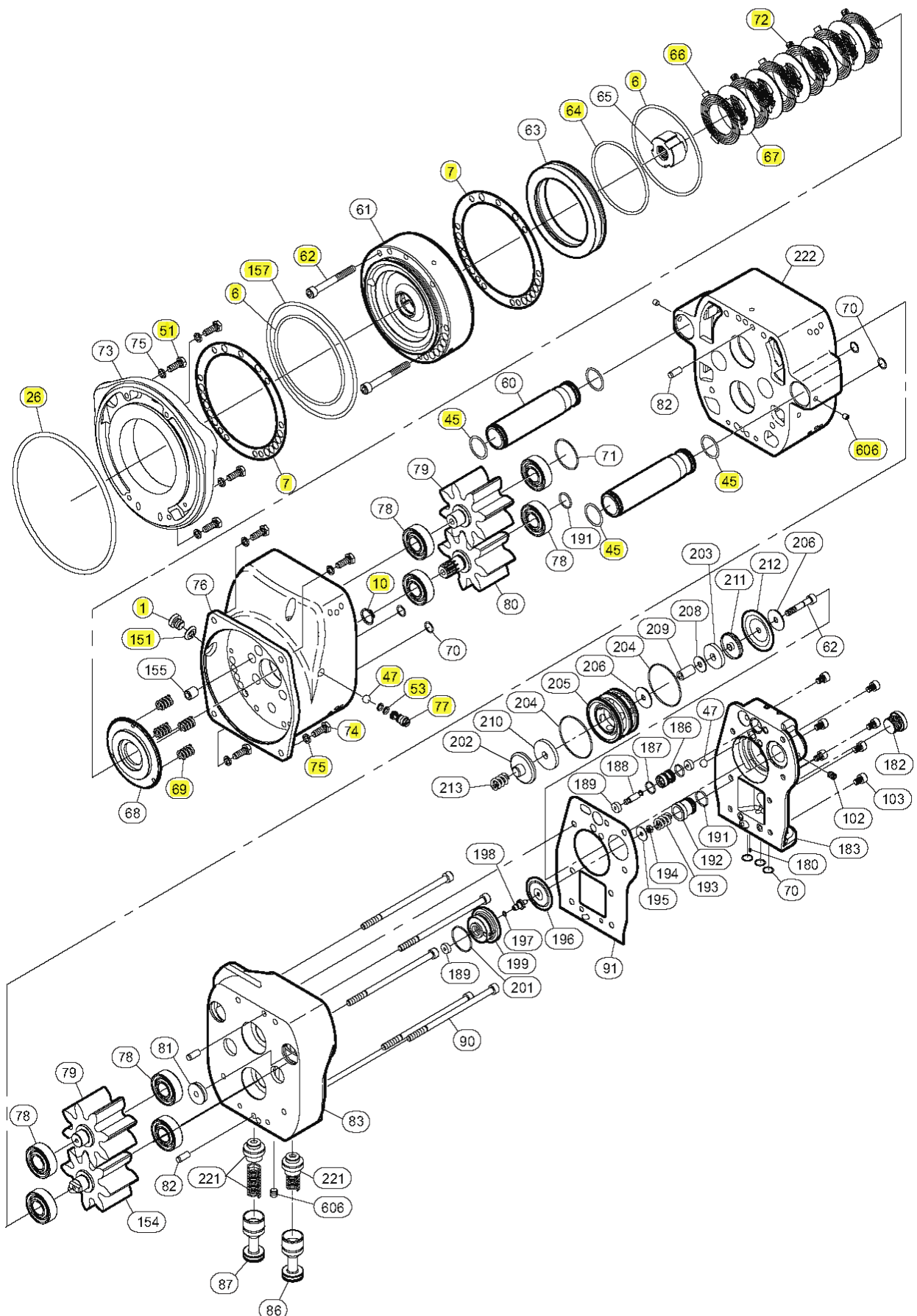


3.5HP Motor Assembly Without Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
800	Motor Assembly	1	7644-1114 (38794871)
1	Plug	1	6511-0441 (38648184)
34	Capscrew	7	4120-1604 (38597522)
47	Ball	1	6940-1625 (38542924)
53 (a)	O' Ring	2	5820-9229 (38534517)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Springs	3	6916-5532 (38522587)
70 (a)	O' Ring	2	5823-7429 (38597241)
74 (a)	Capscrew	4	4102-3001 (38749602)
77	Check Valve	1	9579-0106 (38551198)

P/N : 7650-0223 REPAIR KIT - LC2A040S/060S/080D/120D/180T/250Q BRAKE

CPN : 38791844 Codification : RPK-LC2A040S-250Q-B



P/N : 7650-0223 REPAIR KIT - LC2A040S/060S/080D/120D/180T/250Q BRAKE (Continued)

CPN : 38791844 Codification : RPK-LC2A040S-250Q-B

6HP Motor and Disc Brake Assembly With Emergency Stop Adapter Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
802	Motor Assembly (without Disc Brake)	1	7645-0072 (38794897)
1 (a)	Plug	1	6511-0441 (38648184)
6 (a)	O' Ring	2	5823-5229 (38548236)
7 (a)	Gasket	2	9644-1048 (38578258)
10 (a)	Retainer Ring	2	4770-0015 (38522264)
26 (a)	O' Ring	1	5823-9329 (38773685)
45 (a)	O' Ring	4	5822-0129 (38530697)
47	Ball	1	6940-1625 (38542924)
51	Capscrew	4	4131-2206 (38543385)
53 (a)	O' Ring	2	5820-9229 (38534517)
60	Exhaust Pipe	2	9645-0031 (38764304)
61	Brake Housing	1	9644-0574 (38776258)
62	Capscrew	2	4132-2306 (38540183)
63	Piston	1	9644-1014 (38578274)
64 (a)	O' Ring	1	5823-5129 (38548228)
65	Splined Hub	1	9644-1013 (38577748)
66	Friction Plate	3	6302-8241 (38548186)
67	Drive Plate	5	6302-8341 (38548194)
68	Brake Reaction Plate	1	9644-1015 (38577763)
69	Spring	4	6916-5532 (38522587)
70 (a)	O' Ring	4	5823-7429 (38597241)
71 (a)	O' Ring	1	5823-9529 (38773917)
72	Friction Plate with Spring Clips	3	9644-1552 (38774139)
73	End Cover	1	9645-0044 (38773362)
74	Capscrew	4	4102-3001 (38749602)
75	Washer	4	4520-1006 (38540142)
76	Motor Housing	1	9644-0575 (38776266)
77	Check Valve	1	9579-0106 (38551198)
78	Bearing	8	5016-0002 (38636999)
79 (b)	Idle Gear	1	47524780015
80 (b)	Drive Gear		
81	Exhaust Washer	1	9644-1145 (38598868)
82	Pin	4	4600-1116 (38522231)
83	Motor Cover (for Emergency Stop Adapter)	1	9644-1023 (38577912)
86	Valve Assembly (includes O' Rings)	1	7645-0379 (46880159)
87	Valve Assembly (includes O' Rings)	1	7645-0381 (46880167)
90	Capscrew	5	4133-2406 (38597548)
91 (a)	Gasket	1	9644-1188 (38634770)
92	Cover Plate	1	9644-1027 (38577938)
151	Gasket	1	9644-1503 (38767372)
154 (b)	Drive Gear for Second Step	1	47524780015

P/N : 7650-0223 REPAIR KIT - LC2A040S/060S/080D/120D/180T/250Q BRAKE (Continued)

CPN : 38791844 Codification : RPK-LC2A040S-250Q-B

6HP Motor and Disc Brake Assembly With Emergency Stop Adapter Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
155	Plug	2	9644-0725 (38789632)
157 (a)	O' Ring	1	5823-9129 (38767380)
191 (a)	O' Ring	1	5821-1729 (38524401)
221	Spring Assembly	1	9645-0380 (46880175)
222	Motor Cover	1	9644-1364 (38766911)
606	Setscrew	2	4200-7407 (38540498)

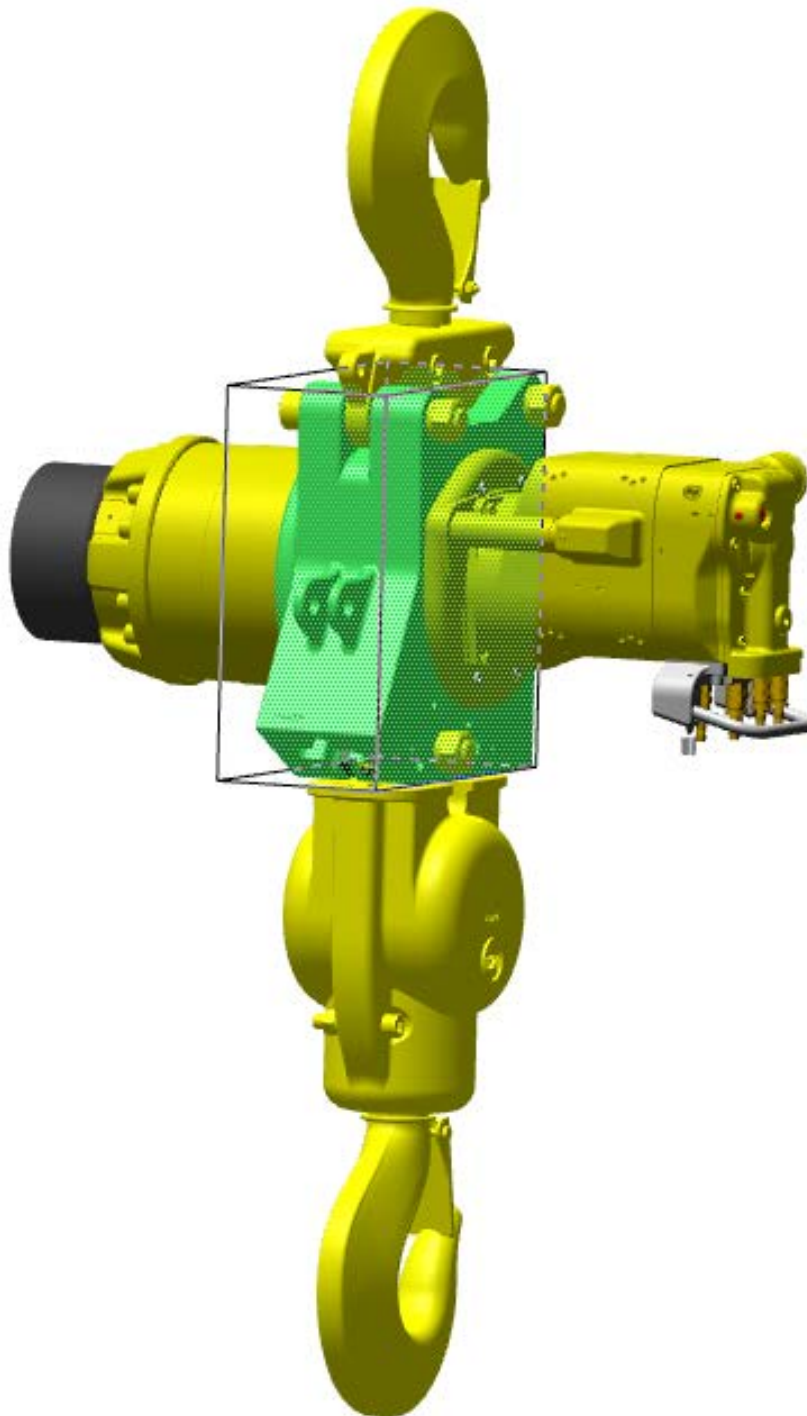
(a) Recommended spares, 2 years operation (ordering kits listed below is recommended).

(b) Idle Gear (79) and Drive Gear (80) and (154) are not sold separately.

Emergency Stop Adapter for Pendant Control Parts List

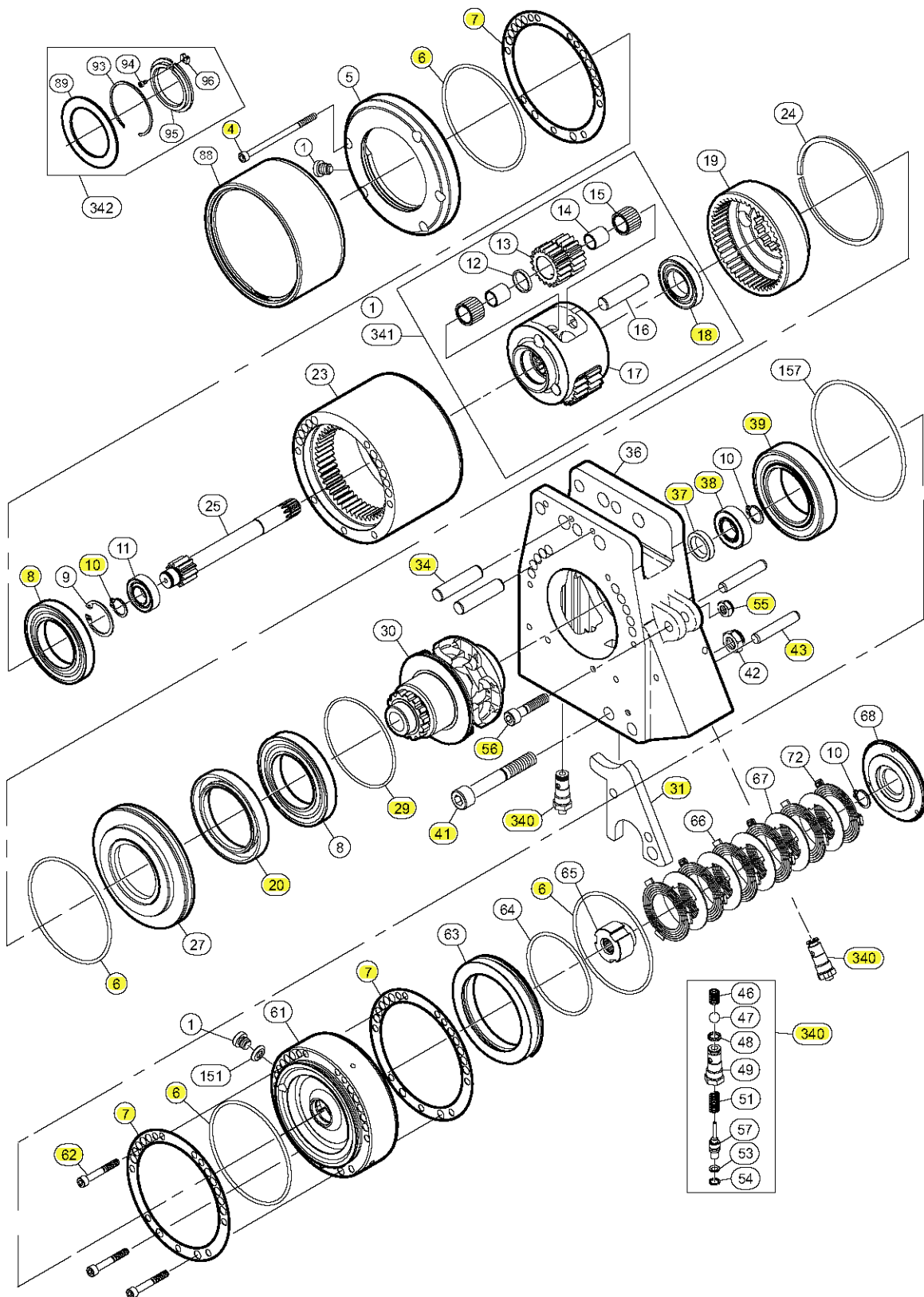
Item No.	Description of Parts	Total Qty.	Part Number (CCN)
47	Ball	1	6940-1625 (38542924)
62	Capscrew	1	4130-1106 (38535779)
70 (a)	O' Ring	3	5823-7429 (38597241)
102	Setscrew	1	4200-9207 (38597266)
103	Capscrew	7	4133-2306 (38597506)
180	Nozzle	1	9644-1187 (38634762)
182	Plug	1	6512-8928 (38648291)
183	Emergency Stop End Cover	1	9644-1077 (38593554)
186	Valve Seat	1	9644-1106 (38593562)
187 (a)	O' Ring	2	5820-5029 (38522645)
188 (a)	Axle	1	9644-1105 (38593638)
189 (a)	Seal	3	9644-1103 (38593653)
191 (a)	O' Ring	1	5821-1729 (38524401)
192	Regulating Screw	1	9644-1096 (38593588)
193	Spring	1	6913-7041 (38570743)
194	Stop Nut	1	4300-1111 (38633046)
195	Washer	1	4570-1004 (38570792)
196 (a)	Diaphragm	1	9644-1097 (38593679)
197 (a)	O' Ring	1	5822-2329 (38522702)
198 (a)	Plunger	1	9636-0017 (38745626)
199	Base Plate	1	9644-1095 (38593620)
201 (a)	O' Ring	1	5823-7029 (38570750)
202	Cap	1	9644-1101 (38593604)
203 (a)	Seal	1	9617-0056 (38544300)
204 (a)	O' Ring	2	5823-7129 (38570768)
205	Valve Seat	1	9644-1098 (38593570)
206	Washer	2	4570-1006 (38570784)
208	Washer	1	4560-1006 (38570800)
209	Sleeve	1	9644-1102 (38593661)
210 (a)	Seal	1	9644-1104 (38593596)
211	Cap	1	9644-1100 (38593612)
104 (a)	O' Ring	2	5822-2829 (38524435)

CENTER SECTION REPAIR KITS



P/N : 7650-0090 REPAIR KIT - LC2A010S/015S/020D/030D CENTER SECTION

CPN : 38780912 Codification : RPK-LC2A015/30-CS-IND



P/N : 7650-0090 REPAIR KIT - LC2A010S/015S/020D/030D CENTER SECTION (Continued)

LC2A010S-015S-020D-030D Powerhead and Disc Brake Assembly Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
1 ^(a)	Plug	2	6511-0441 (38648184)
4 ^(b)	Capscrew CHC M6-100	5	4133-2506 (38597563)
5	Reduction Gear End Cover (new style)	1	9644-0817 (38799482)
	Reduction Gear End Cover (old style)	1	9644-3008 (38577888)
6 ^(a)	O' Ring	4	5823-5229 (38548236)
7 ^(a)	Gasket	3	9644-1048 (38578258)
8	Bearing	2	5080-0009 (38522165)
9	Retainer Ring	1	4770-3032 (38522280)
10 ^(a)	Retainer Ring	3	4770-0015 (38522264)
11	Bearing	1	5000-0002 (38522116)
12	Spacer	3	9644-1047 (38578134)
13	Planetary Gear	3	9644-1002 (38577672)
14	Bearing Ring	6	5636-2041 (38597217)
15	Needle Bearing	6	5656-2141 (38597225)
16	Planet Axle	3	9644-1046 (38578126)
17	Planetary Carrier	1	9644-1006 (38577706)
18	Bearing	1	5080-0005 (38522140)
19	Ring Gear	1	9644-1003 (38577698)
20 ^(a)	Oil Seal	1	5801-2130 (38537411)
23	Reducer Housing	1	9644-1007 (38577714)
24	Stop Ring	1	4782-9332 (38636049)
25	Pinion Shaft	1	9644-3005 (38577870)
27	Cover	1	9644-3009 (38577896)
29 ^(a)	Quad Ring	1	5823-7329 (38578167)
30	Repair Kit Center Section	1	47539655001
31	Chain Stripper	1	9644-3041 (38577581)
34	Roll Pins	2	4650-1020 (38541843)
36	Hoist Body	1	9644-3069 (38592069)
37 ^(a)	Oil Seal	1	5801-9830 (38540456)
38	Bearing	1	5005-0002 (38537353)
39	Bearing	1	5005-0009 (38537429)
41	Capscrew	1	4132-9406 (38632451)
42	Nut	1	75583M (54173083)
43	Pin	2	4600-2816 (38597571)
46	Spring	2	Order item 340
47	Ball	2	
48	O' Ring	2	
49	Valve Housing	2	
51	Spring	2	
53	O' Ring	2	
54	Snap Ring	2	

LC2A010S-015S-020D-030D Powerhead and Disc Brake Assembly Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
55	Nut	1	4370-6511 (38633491)
56	Capscrew	1	4132-6706 (38632261)
57	Valve	2	Order Item 340
61 (c)	Brake Housing	1	9644-0574 (38776258)
62	Capscrew	3	4130-1106 (38535779)
63	Piston	1	9644-1014 (38578274)
64 (a)	O' Ring	1	5823-5129 (38548228)
65	Splined Hub	1	9644-1013 (38577748)
66	Friction Plate	3	6302-8241 (38548186)
67	Drive Plate	5	6302-8341 (38548194)
68	Brake Reaction Plate	1	9644-1015 (38577763)
72	Friction Plate with Spring Clips	3	9644-1552 (38774139)
88	Muffler Assembly	1	3644-0567 (38775615)
89 (d)	Ring Flat	1	9644-0566 (38775649)
93	Expansive Ring	1	4789-8541 (38775581)
94	Capscrew	1	4130-9606 (38523601)
95	Adapter Support	1	9644-0564 (38775623)
96	Plate Stop	1	9644-0565 (38775631)
151	Gasket	1	9644-1503 (38767372)
157 (a)	O' Ring	1	5823-9129 (38767380)
341 (e)	Planetary Support Assembly	1	7644-0759 (38795001)
342	Retro Fit Kit Cartridge Muffler	1	7644-0563 (38775607)

(a) Recommended spares, 2 years operation (ordering kits listed below is recommended).

(b) Item 4 Capscrew 4133-9806 QTY: 5 (105mm) W/Serial Number 080452 to 160899

Item 4 Capscrew 4133-2506 QTY: 5 (100mm) W/Serial Number 160900 and ABOVE

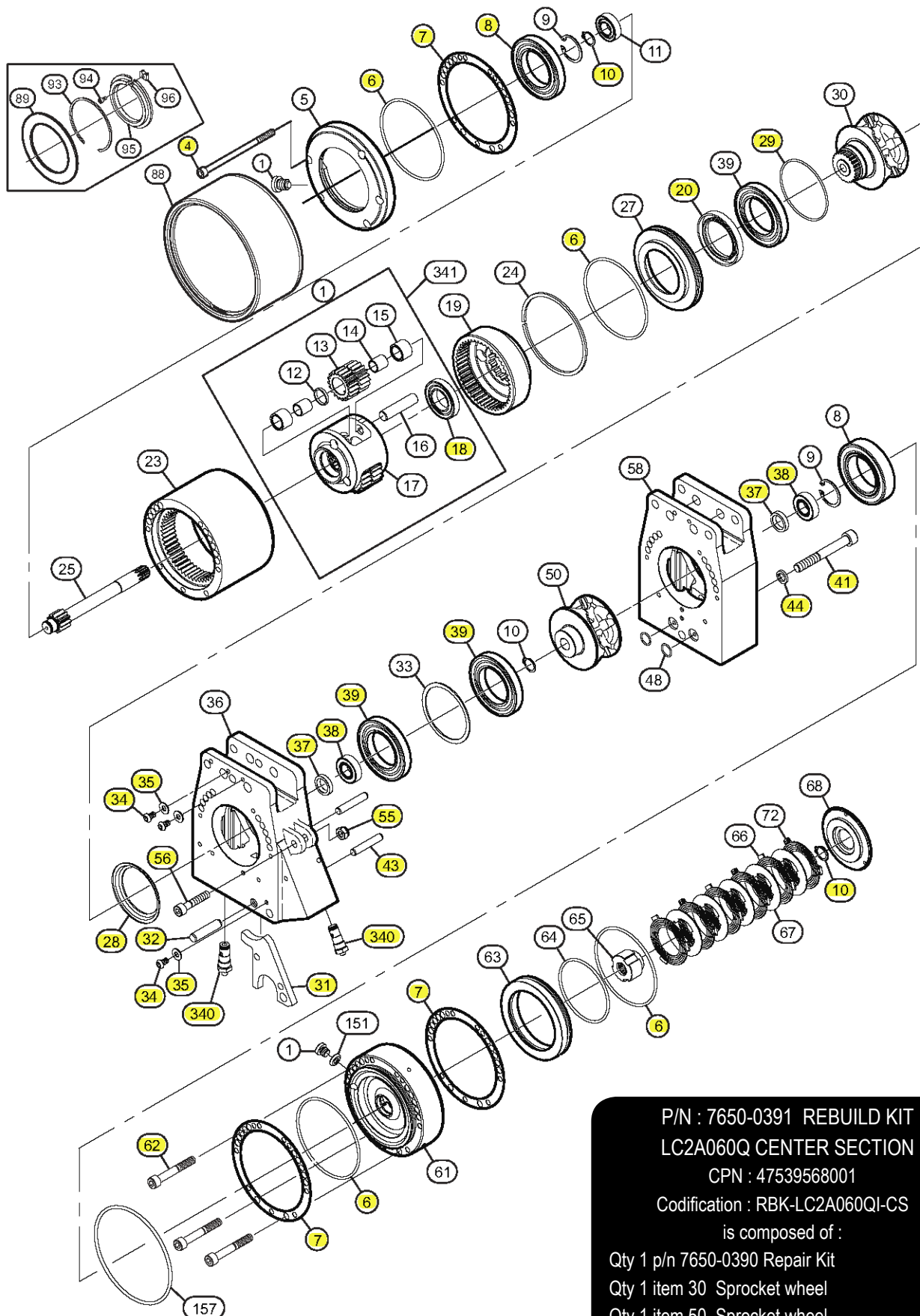
(c) When ordering disc brake replacement housing a new motor housing is required, refer to MHP2652. This change effects hoists with serial numbers of

Parts not shown :

Qty 4	Washer Grower M6	P/N 4520-1006 (38540142)
Qty 2	Washer M6	P/N 4500-1106 (38543468)
Qty 2	Screw M6-10	P/N 4120-1604 (38597522)
Qty 2	Screw HM6-16	P/N 4102-3001 (38749602)
Qty 1	Lock Nut	P/N 75583M (58250747)
Qty 5	Screw M6-105	P/N 4133-9806 (47594219001)

P/N : 7650-0390 REPAIR KIT - LC2A060Q CENTER SECTION

CPN : 47539567001 Codification : RPK-LC2A060QI-B-CS



P/N : 7650-0391 REBUILD KIT LC2A060Q CENTER SECTION

CPN : 47539568001

Codification : RBK-LC2A060QI-CS

is composed of :

Qty 1 p/n 7650-0390 Repair Kit

Qty 1 item 30 Sprocket wheel

Qty 1 item 50 Sprocket wheel

P/N : 7650-0390 REPAIR KIT - LC2A060Q CENTER SECTION (Continued)

CPN : 47539567001 Codification : RPK-LC2A060QI-B-CS

LC2A060Q Hoist Powerhead and Disc Brake Assembly - Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)
1 (a)	Plug	2	6511-0441 (38648184)
4	Capscrew	5	4133-2506 (38597563)
5	Reduction Gear End Cover (New Style)	1	9644-0817 (38799482)
	Reduction Gear End Cover (Old Style)	1	9644-3008 (38577888)
6 (a)	'O' Ring	4	5823-5229 (38548236)
7 (a)	Gasket	3	9644-1048 (38578258)
8	Bearing	3	5080-0009 (38522165)
9	Retainer Ring	1	4770-3032 (38522280)
10 (a)	Retainer Ring	2	4770-0015 (38522264)
11	Bearing	1	5000-0002 (38522116)
12	Spacer	3	9644-1047 (38578134)
13	Planetary Gear	3	9644-1002 (38577672)
14	Bearing Ring	6	5636-2041 (38597217)
15	Needle Bearing	6	5656-2141 (38597225)
16	Planet Axle	3	9644-1046 (38578126)
17	Planetary Carrier	1	9644-1006 (38577706)
18	Bearing	1	5080-0005 (38522140)
19	Ring Gear	1	9644-1003 (38577698)
20 (a)	Oil Seal	1	5801-2130 (38537411)
23	Reducer Housing	1	9644-1007 (38577714)
24	Stop Ring	1	4782-9332 (38636049)
25	Pinion Shaft	1	9644-3463 (38766051)
27	Cover	1	9644-3009 (38577896)
28	Ring	1	5830-4009 (38766929)
29 (a)	Quad Ring	1	5823-7329 (38578167)
30	RBK-LC2A060Q-CS	1	47539568001
31	Chain Stripper	1	9644-3041 (38577581)
32	Pin	1	9644-3244 (38753067)
33	Spacer	1	9644-3464 (38766069)
34	Capscrew	3	4120-1604 (38597522)
35	Washer	3	4500-1106 (38543468)
36	Hoist Body	1	9644-3377 (38759478)
37 (a)	Oil Seal	1	5801-9830 (38540456)
38	Bearing	1	5005-0002 (38537353)
39	Bearing	2	5005-0009 (38537429)
41	Capscrew	2	4133-0006 (38519971)
43	Pin	2	4600-2816 (38597571)
44	Lockwasher	2	4520-1010 (38634226)
46	Spring	2	Order item 340
47	Ball	2	
48 (a)	'O' Ring	2	Order item 340

P/N : 7650-0390 REPAIR KIT - LC2A060Q CENTER SECTION (Continued)

CPN : 47539567001 Codification : RPK-LC2A060QI-B-CS

LC2A060Q Hoist Powerhead and Disc Brake Assembly - Parts List (continued)

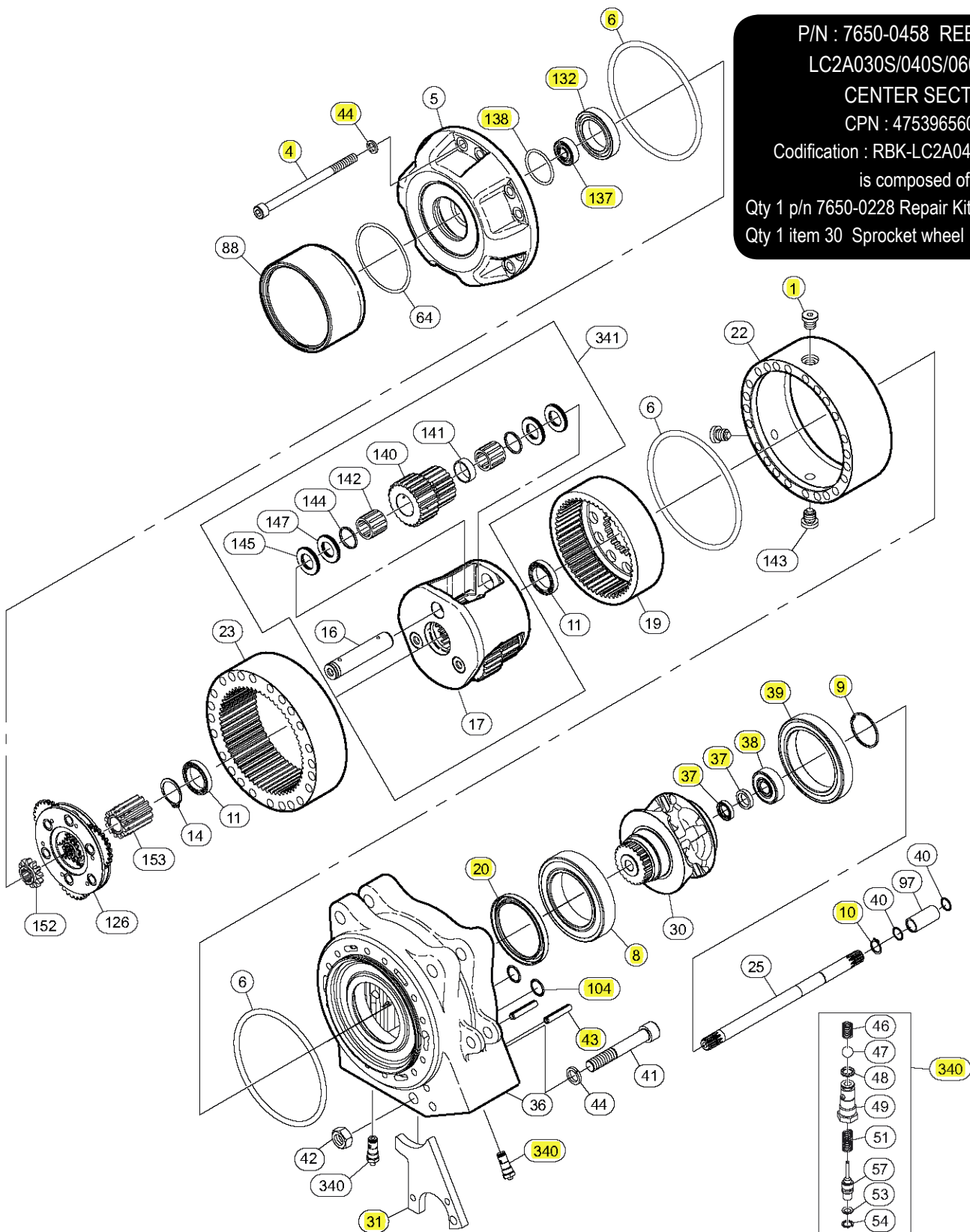
Item No.	Description of Part	Total Qty	Part Number (CCN)
49	Valve Housing	2	Order item 340
50	RBK-LC2A060Q-CS	1	47539568001
51	Spring	2	Order item 340
53	'O' Ring	2	
54	Snap Ring	2	
55	Nut	1	4370-6511 (38633491)
56	Capscrew	1	4132-6706 (38632261)
57	Valve	2	Order item 340
58	Chain Guide Housing	1	9644-3495 (38766085)
61	Brake Housing ^(b)	1	9644-0574 (38776258)
62	Capscrew	3	4130-1106 (38535779)
63	Piston	1	9644-1014 (38578274)
64 ^(a)	'O' Ring	1	5823-5129 (38548228)
65	Splined Hub	1	9644-1013 (38577748)
66	Friction Plate ^(b)	3	6302-8241 (38548186)
67	Drive Plate ^(b)	5	6302-8341 (38548194)
68	Brake Reaction Plate	1	9644-1015 (38577763)
72	Friction Plate with Spring Clips ^(b)	3	9644-1552 (38774139)
88	Muffler Assembly	1	3644-0567 (38775615)
89	Ring Flat	1	9644-0566 (38775649)
93	Expansive Ring	1	4789-8541 (38775581)
94	Capscrew	1	4130-9606 (38523601)
95	Adapter Support	1	9644-0564 (38775623)
96	Plate Stop	1	9644-0565 (38775631)
151	Gasket	1	9644-1503 (38767372)
157 ^(a)	'O' Ring	1	5823-9129 (38767380)
341	Planet Support Assembly ^(c)	1	7644-0759 (38795001)
340 ^(a)	Limit Switch Valve Kit	2	7645-0081 (38794533)

Parts not shown :

Qty 2	O-ring 7.5 x 1.5	P/N 5821-2529 (38522660)
Qty 1	Screw M8-50	P/N 4131-5406 (38532735)
Qty 1	Washer M8	P/N 4500-1108 (38633814)
Qty 4	Screw HM6-16	P/N 4102-3001 (38749602)
Qty 4	Washer M6	P/N 4520-1006 (38540142)
Qty 1	Screw M10-70	P/N 4132-9406 (38632451)
Qty 1	Lock Nut M10	P/N 75583M (58250747)
Qty 5	Screw M6-105	P/N 4133-9806 (47594219001)
Qty 2	Pin 8-36	P/N 4650-1020 (38541843)

P/N : 7650-0228 REPAIR KIT - LC2A030S/040S//060D/080D CENTER SECTION

CPN : 38791893 Codification : RPK-LC2A040S/80-CS



P/N : 7650-0228 REPAIR KIT - LC2A030S/040S//060D/080D CENTRAL SECTION (Continued)

CPN : 38791893 Codification : RPK-LC2A040S/80-CS

LC2A040S-080D Powerhead Assembly Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
5	Reduction Gear End Cover	1	9645-0029 (38765764)
6 (a)	O' Ring	3	5824-0029 (38782124)
8	Bearing	1	5005-0014 (38537478)
9	Retainer Ring	1	4770-3042 (38635728)
10 (a)	Retainer Ring	1	4770-0015 (38522264)
11	Bearing	2	5090-0006 (38762191)
14	Retainer Ring	1	4770-0030 (38523395)
16	Planet Axle	3	9645-0025 (38764668)
17	Planetary Carrier	1	9645-0020 (38766903)
19	Ring Gear	1	9645-0017 (38761557)
20	Oil Seal	1	5801-5130 (38639472)
22	Reducer Housing	1	9645-0121 (38781936)
23	Ring Gear	1	9645-0010 (38761136)
25	Pinion Shaft	1	9645-0046 (38764684)
30	Repair kit Center Section	1	47539656001
31	Chain Stripper	1	9645-0061 (38774550)
36	Hoist Body	1	9645-0040 (38767224)
37 (a)	Oil Seal	2	5801-9830 (38540456)
38	Bearing	1	5025-0002 (38637138)
39	Bearing	1	5090-0016 (38773321)
40 (a)	O' Ring	2	5821-8129 (38539094)
41	Capscrew	1	4132-9106 (38632436)
42	Nut	1	4300-5811 (38530408)
43	Pin	2	4650-5520 (38635090)
44	Lockwasher	1	4520-1014 (38634234)
46	Spring	2	Order item 340
47	Ball	2	Order item 340
48	O' Ring	2	
49	Valve Housing	2	
51	Spring	2	
53	O' Ring	2	
54	Snap Ring	2	
57	Valve	2	
64 (a)	O' Ring	1	5820-8529 (38533220)
88	Muffler Assembly	1	3644-0567 (38775615)
97	Spacer Ring	1	9645-0143 (38782298)
104 (a)	O' Ring	2	5822-2829 (38524435)
126	Primary Gear Assembly	1	7645-0075 (46896429)
132	Bearing	1	5090-0008 (38782173)
137	Bearing	1	5010-0001 (38540803)
138 (a)	O' Ring	1	5822-4229 (38528592)

LC2A040S-080D Powerhead Assembly Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
104 ^(a)	'O' Ring	2	5822-2829 (38524435)
126	Primary Gear Assembly	1	7645-0075 (46896429)
132	Bearing	1	5090-0008 (38782173)
137	Bearing	1	5010-0001 (38540803)
138 ^(a)	'O' Ring	1	5822-4229 (38528592)
140	Planetary Gear	3	9645-0018 (38761565)
141	Spacer	3	9645-0151 (38782546)
142	Needle Bearing	6	5650-2825 (38772943)
143	Plug	1	6517-0242
144	Spacer	6	9645-0045 (38764676)
145	Needle Bearing Spacer	6	5605-3520 (38537163)
147	Needle Bearing	6	5731-9832 (38537171)
152	Sun Gear	1	9645-0036 (38764098)
153	Sun Gear	1	9645-0038 (38764114)
341 ^(b)	Planet Support Assembly	1	7645-0074 (38794541)
^(c)	Lockwasher	12	4520-1010 (38634226)

^(a) Recommended spares, 2 years operation (ordering kit listed below is recommended).

^(b) Do not disassemble planet support assembly item 341.

^(c) Item not illustrated.

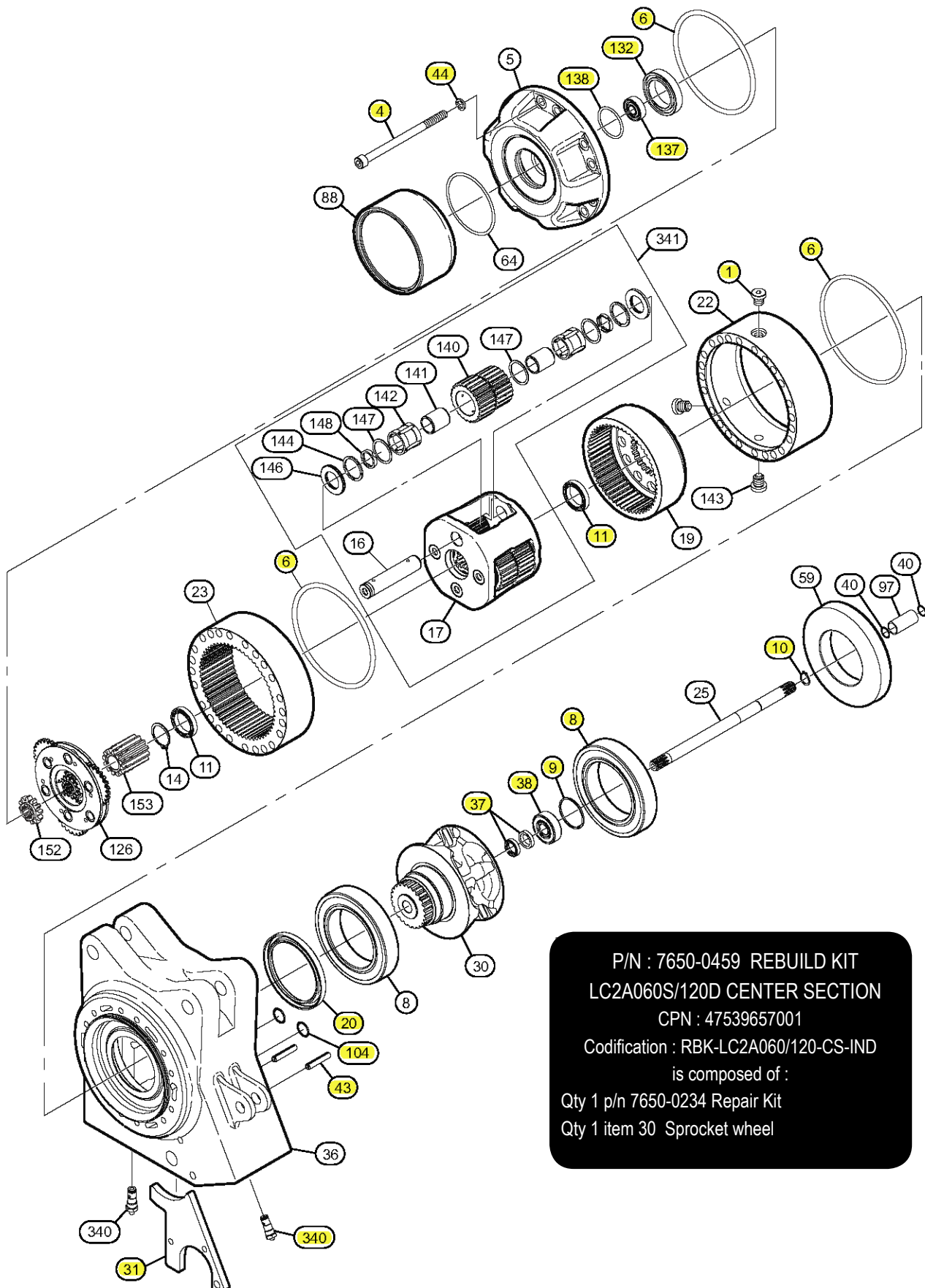
Item No.	Description of Parts	Total Qty.	Part Number (CCN)
340 ^(a)	Limit Switch Valve Kit	2	7645-0081 (38794533)

Parts not shown :

Qty 4	Washer	P/N 4520-1006 (38540142)
Qty 4	Screw	P/N 4131-2206 (38543385)
Qty 1	o-ring	P/N 5823-9329 (38773685)

P/N : 7650-0234 REPAIR KIT - LC2A060S/120D CENTER SECTION

CPN : 38791950 Codification : RPK-LC2A060/120-CS-IND



P/N : 7650-0459 REBUILD KIT
LC2A060S/120D CENTER SECTION

CPN : 47539657001

Codification : RBK-LC2A060/120-CS-IND

is composed of :

Qty 1 p/n 7650-0234 Repair Kit

Qty 1 item 30 Sprocket wheel

P/N : 7650-0234 REPAIR KIT - LC2A060S/120D CENTER SECTION (Continued)

CPN : 38791950 Codification : RPK-LC2A060/120-CS-IND

LC2A060S-120D Powerhead Assembly Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
1	Plug	2	6511-0741 (38648192)
4	Capscrew	12	4133-4506 (38782249)
5	Reduction Gear End Cover	1	9645-0029 (38765764)
6 (a)	O' Ring	3	5824-0029 (38782124)
8	Bearing	2	5005-0015 (38523346)
9	Retainer Ring	1	4770-3042 (38635728)
10 (a)	Retainer Ring	1	4770-0015 (38522264)
11	Bearing	2	5090-0006 (38762191)
14	Retainer Ring	1	4770-0030 (38523395)
16	Planet Axle	4	9645-0024 (38761755)
17	Planetary Carrier	1	9645-0019 (38761763)
19	Ring Gear	1	9645-0011 (38761474)
20 (a)	Oil Seal	1	5801-5130 (38639472)
22	Reducer Housing	1	9645-0121 (38781936)
23	Ring Gear	1	9645-0010 (38761136)
25	Pinion Shaft	1	9645-0033 (38764080)
30	Center Section Repair Kit	1	47539657001
31	Chain Stripper	1	9645-0063 (38774576)
36	Hoist Body	1	9645-0042 (38776712)
37 (a)	Oil Seal	2	5801-9830 (38540456)
38	Bearing	1	5025-0002 (38637138)
40 (a)	O' Ring	2	5821-8129 (38539094)
43	Pin	2	4650-5520 (38635090)
44	Lockwasher	12	4520-1010 (38634226)
46	Spring	2	Order item 340
47	Ball	2	
48	O' Ring	2	
49	Valve Housing	2	
51	Spring	2	
53	O' Ring	2	
54	Snap Ring	2	
57	Valve	2	
59	Adapter Ring	1	9645-0069 (38776779)
64 (a)	O' Ring	1	5820-8529 (38533220)
88	Muffler Assembly	1	3644-0567 (38775615)
97	Spacer Ring	1	9645-0143 (38782298)
104 (a)	O' Ring	4	5822-2829 (38524435)
126	Primary Gear Assembly	1	7645-0075 (46896429)
132	Bearing	1	5090-0008 (38782173)
137	Bearing	1	5010-0001 (38540803)
138 (a)	O' Ring	1	5822-4229 (38528592)

P/N : 7650-0234 REPAIR KIT - LC2A060S/120D CENTER SECTION (Continued)

CPN : 38791950 Codification : RPK-LC2A060/120-CS-IND

LC2A060S-120D Powerhead Assembly Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
140	Planetary Gear	4	9645-0012 (38761458)
141	Internal Bearing Ring	8	5630-0642 (38782207)
142	Needle Bearing	8	5650-3530 (38782215)
143	Plug	1	6517-0241 (38784815)
144	Needle Bearing	8	5731-2632 (38528501)
146	Needle Bearing Spacer	8	5605-4225 (38528485)
147	Spacer	12	9645-0136 (38782090)
148	Ring	8	9645-0137 (38782108)
152	Sun Gear	1	9645-0036 (38764098)
153	Sun Gear	1	9645-0038 (38764114)
341 (b)	Planet Support Assembly	1	7645-0133 (38794558)

(a) Recommended spares, 2 years operation (ordering kit listed below is recommended).

(b) Do not disassemble planet support assembly item 341.

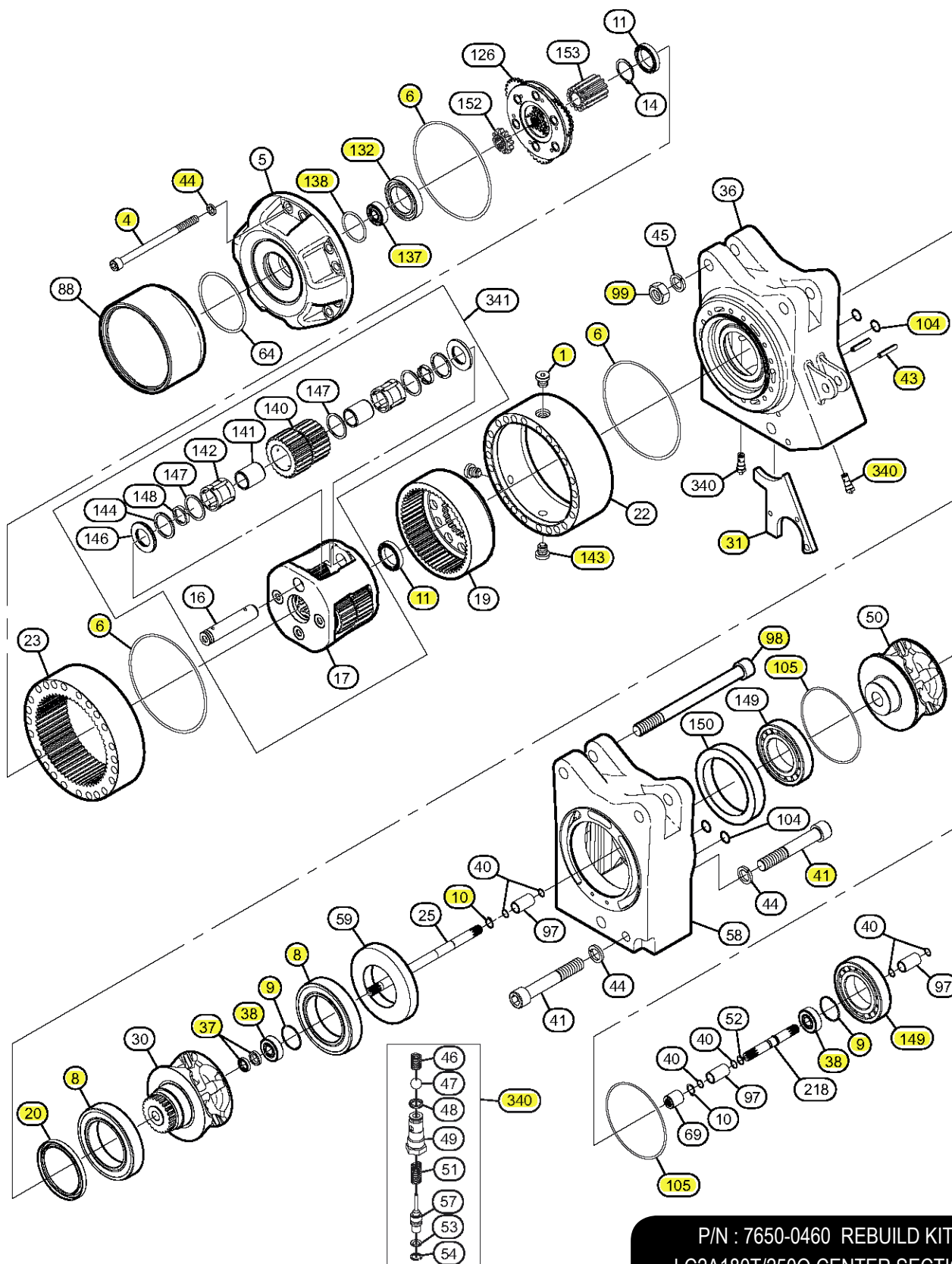
Item No.	Description of Parts	Total Qty.	Part Number (CCN)
340 (a)	Limit Switch Valve Kit	2	7645-0081 (38794533)

Parts not shown :

Qty 4	Washer Grower M6	P/N 4520-1006 (38540142)
Qty 4	Screw	P/N 4131-2206 (38543385)
Qty 1	O-ring	P/N 5823-9329 (38773685)

P/N : 7650-0237 REPAIR KIT - LC2A180T/250Q CENTER SECTION

CPN : 38791984 Codification : RPK-LC2A180/250-CS



P/N : 7650-0460 REBUILD KIT
LC2A180T/250Q CENTER SECTION

CPN : 47539658001

Codification : RBK-LC2A180/250-CS

is composed of :

Qty 1 p/n 7650-0237 Repair Kit

Qty 1 item 30 Sprocket wheel

Qty 1 item 50 Sprocket wheel

P/N : 7650-0237 REPAIR KIT - LC2A180T/250Q CENTER SECTION (Continued)

CPN : 38791984 Codification : RPK-LC2A180/250-CS

LC2A180T-250Q Powerhead Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)
1 (a)	Plug	2	6511-0741 (38648192)
4	Capscrew	12	4133-4506 (38782249)
5	Reduction Gear End Cover	1	9645-0029 (38765764)
6	'O' Ring	3	5824-0029 (38782124)
8	Bearing	2	5005-0015 (38523346)
9	Retainer Ring	2	4770-3042 (38635728)
10	Retainer Ring	2	4770-0015 (38522264)
11	Bearing	2	5090-0006 (38762191)
14	Retainer Ring	1	4770-0030 (38523395)
16	Planet Axle	4	9645-0024 (38761755)
17	Planetary Carrier	1	9645-0019 (38761763)
19	Ring Gear	1	9645-0011 (38761474)
20	Oil Seal	1	5801-5130 (38639472)
22	Reducer Housing	1	9645-0121 (38781936)
23	Ring Gear	1	9645-0010 (38761136)
25	Pinion Shaft	1	9645-0033 (38764080)
30	Center Section Repair Kit	1	47539658001
31	Chain Stripper	1	9645-0063 (38774576)
36	Hoist Body	1	9645-0042 (38776712)
37	Oil Seal	2	5801-9830 (38540456)
38	Bearing	2	5025-0002 (38637138)
40	'O' Ring	6	5821-8129 (38539094)
41	Capscrew	2	4133-5806 (47512507001)
43	Pin	2	4650-5520 (38635090)
44	Lockwasher	12	4520-1010 (38634226)
45	Rondelle Grower	2	4520-0020 (38524666)
46	Spring	2	Order item 340
47	Ball	2	
48	'O' Ring	2	
49	Valve Housing	2	
50	Center Section Repair Kit	1	47539658001
52	Spacer	1	9645-0320 (38796579)
51	Spring	2	Order item 340
53	'O' Ring	2	
54	Snap Ring	2	
57	Valve	2	
58	Chain Guide Housing	1	9645-0050 (38776738)
59	Adapter	1	9645-0069 (38776779)
64	'O' Ring	1	5820-8529 (38533220)
69	Coupling Sleeve	1	9645-0158 (38785382)
88	Muffler Assembly	1	3644-0567 (38775615)

P/N : 7650-0237 REPAIR KIT - LC2A180T/250Q CENTER SECTION (Continued)

CPN : 38791984 Codification : RPK-LC2A180/250-CS

LC2A180T-250Q Powerhead Assembly Parts List (continued)

Item No.	Description of Part	Total Qty	Part Number (CCN)
97	Spacer Ring	3	9645-0143 (38782298)
98	Capscrew	2	4133-5906 (47512510001)
99	Locknut	2	4300-4011 (38541629)
104	'O' Ring	4	5822-2829 (38524435)
105	'O' Ring	2	5821-2829 (38524575)
126	Primary Gear Assembly	1	7645-0075 (46896429)
132	Bearing	1	5090-0008 (38782173)
137	Bearing	1	5010-0001 (38540803)
138	'O' Ring	1	5822-4229 (38528592)
140	Planetary Gear	4	9645-0012 (38761458)
141	Internal Bearing Ring	8	5630-0642 (38782207)
142	Needle Bearing	8	5650-3530 (38782215)
143	Plug	1	6517-0242 (38784815)
144	Needle Bearing	8	5731-2632 (38528501)
146	Needle Bearing Spacer	8	5605-4225 (38528485)
147	Bearing	12	9645-0136 (38782090)
148	Ring	8	9645-0137 (38782108)
149	Bearing	2	5120-0012 (38637534)
150	Adapter	1	9645-0056 (38776761)
152	Sun Gear	1	9645-0036 (38764098)
153	Sun Gear	1	9645-0038 (38764114)
218	Pinion Shaft	1	9645-0156 (38783239)
341	Planet Support Assembly ^(b)	1	7645-0133 (38794558)

^(a) Recommended spares, 2 years normal operation (ordering kits listed below is recommended).

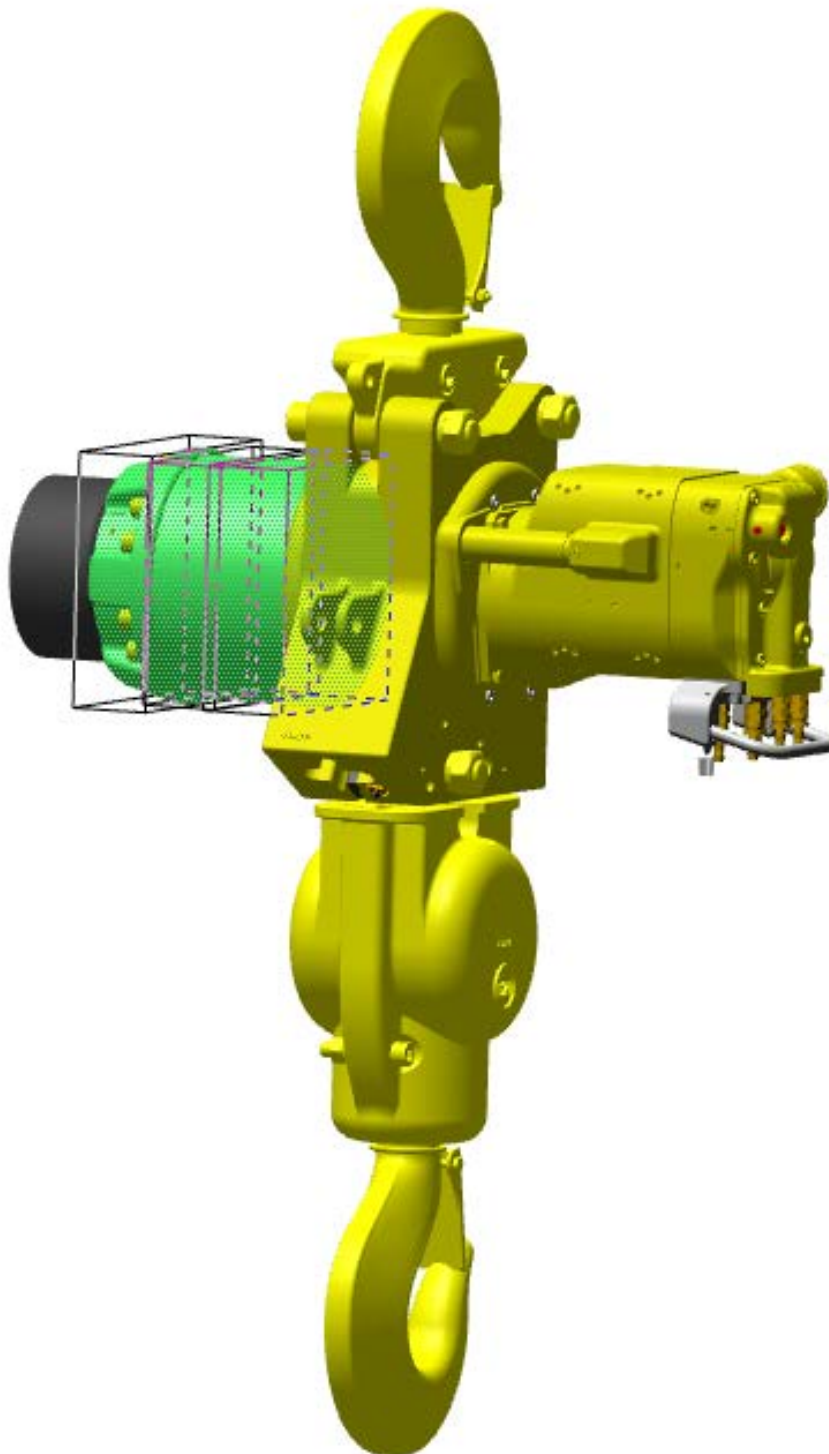
^(b) Do not disassemble planet support assembly item 341.

Item No.	Description of Part	Total Qty	Part Number (CCN)
340 ^(a)	Limit Switch Valve Kit	2	7645-0081 (38794533)

Parts not shown :

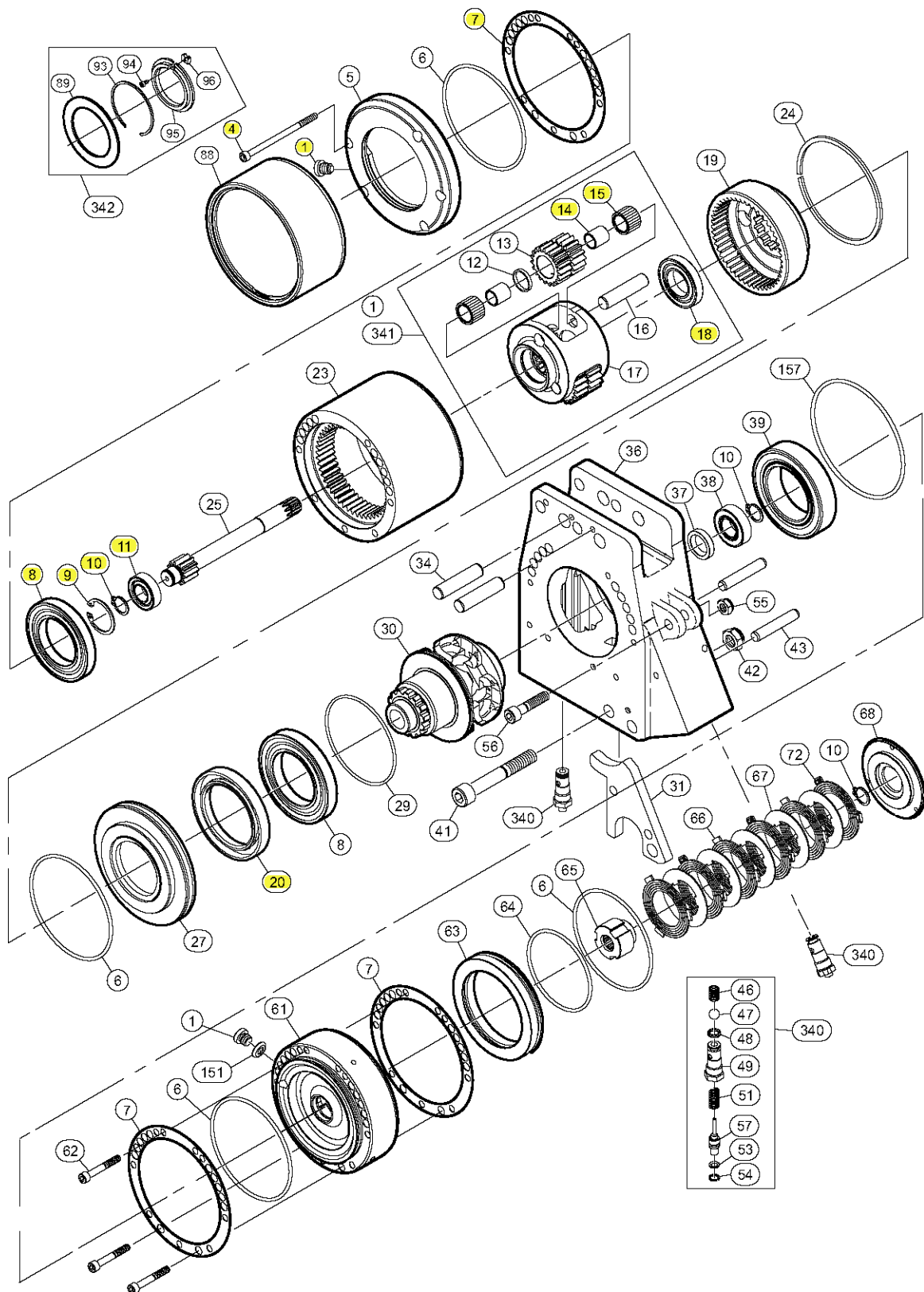
Qty 4	Washer Grower M6	P/N 4520-1006 (38540142)
Qty 4	Screw	P/N 4131-2206 (38543385)
Qty 1	O-ring	P/N 5823-9329 (38773685)

REDUCER REPAIR KITS



P/N : 7650-0092 REPAIR KIT - LC2A010S/015S/020D/030D REDUCER

CPN : 38780938 Codification : RPK-LC2A015/30-R



P/N : 7650-0092 REPAIR KIT - LC2A010S/015S/020D/030D REDUCER(Continued)

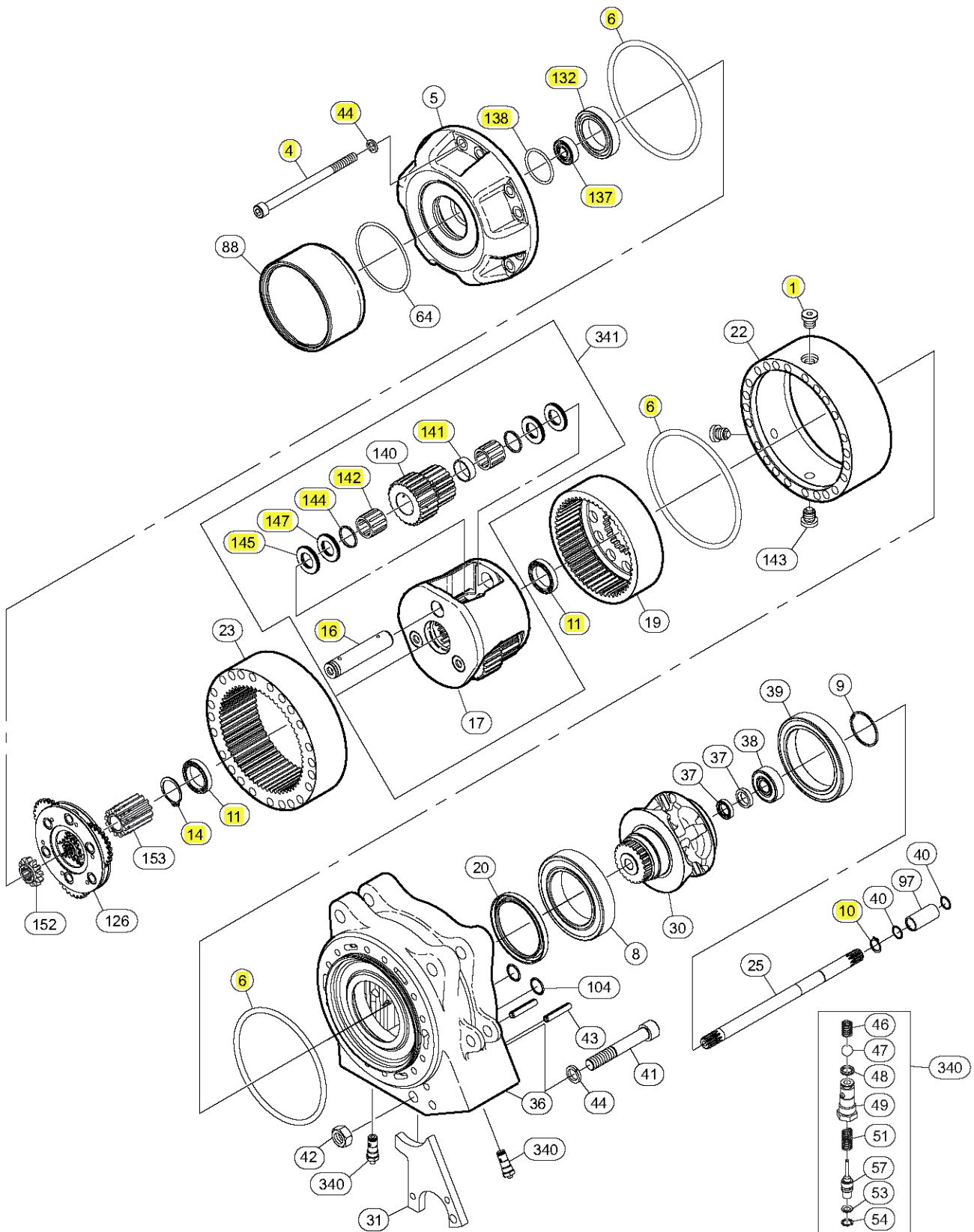
CPN : 38780938 Codification : RPK-LC2A015/30-R

LC2A010S-015S-020D-030D Powerhead and Disc Brake Assembly Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
1 (a)	Plug	2	6511-0441 (38648184)
4 (b)	Capscrew CHC M6-100	5	4133-2506 (38597563)
5	Reduction Gear End Cover (new style)	1	9644-0817 (38799482)
	Reduction Gear End Cover (old style)	1	9644-3008 (38577888)
6 (a)	`O' Ring	4	5823-5229 (38548236)
7 (a)	Gasket	3	9644-1048 (38578258)
8	Bearing	2	5080-0009 (38522165)
9	Retainer Ring	1	4770-3032 (38522280)
10 (a)	Retainer Ring	3	4770-0015 (38522264)
11	Bearing	1	5000-0002 (38522116)
12	Spacer	3	9644-1047 (38578134)
13	Planetary Gear	3	9644-1002 (38577672)
14	Bearing Ring	6	5636-2041 (38597217)
15	Needle Bearing	6	5656-2141 (38597225)
16	Planet Axle	3	9644-1046 (38578126)
17	Planetary Carrier	1	9644-1006 (38577706)
18	Bearing	1	5080-0005 (38522140)
19	Ring Gear	1	9644-1003 (38577698)
20 (a)	Oil Seal	1	5801-2130 (38537411)
23	Reducer Housing	1	9644-1007 (38577714)
24	Stop Ring	1	4782-9332 (38636049)
25	Pinion Shaft	1	9644-3005 (38577870)
27	Cover	1	9644-3009 (38577896)
29 (a)	Quad Ring	1	5823-7329 (38578167)
30	Repair Kit Center Section	1	47539655001
31	Chain Stripper	1	9644-3041 (38577581)
34	Roll Pins	2	4650-1020 (38541843)
36	Hoist Body	1	9644-3069 (38592069)
37 (a)	Oil Seal	1	5801-9830 (38540456)
38	Bearing	1	5005-0002 (38537353)
39	Bearing	1	5005-0009 (38537429)
41	Capscrew	1	4132-9406 (38632451)
42	Nut	1	75583M (54173083)
43	Pin	2	4600-2816 (38597571)
46	Spring	2	Order item 340
47	Ball	2	
48	`O' Ring	2	
49	Valve Housing	2	
51	Spring	2	
53	`O' Ring	2	
54	Snap Ring	2	

P/N : 7650-0224 REPAIR KIT - LC2A030S/040S//060D/080D REDUCER

CPN : 38791851 Codification : RPK-LC2A040S/80-R



P/N : 7650-0224 REPAIR KIT - LC2A030S/040S//060D/080D REDUCER (Continued)

CPN : 38791851 Codification : RPK-LC2A040S/80-R

LC2A040S-080D Powerhead Assembly Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
1 (a)	Plug	2	6511-0741 (38648192)
4	Capscrew	12	4133-4506 (38782249)
5	Reduction Gear End Cover	1	9645-0029 (38765764)
6 (a)	'O' Ring	3	5824-0029 (38782124)
8	Bearing	1	5005-0014 (38537478)
9	Retainer Ring	1	4770-3042 (38635728)
10 (a)	Retainer Ring	1	4770-0015 (38522264)
11	Bearing	2	5090-0006 (38762191)
14	Retainer Ring	1	4770-0030 (38523395)
16	Planet Axle	3	9645-0025 (38764668)
17	Planetary Carrier	1	9645-0020 (38766903)
19	Ring Gear	1	9645-0017 (38761557)
20	Oil Seal	1	5801-5130 (38639472)
22	Reducer Housing	1	9645-0121 (38781936)
23	Ring Gear	1	9645-0010 (38761136)
25	Pinion Shaft	1	9645-0046 (38764684)
30	Repair kit Center Section	1	47539656001
31	Chain Stripper	1	9645-0061 (38774550)
36	Hoist Body	1	9645-0040 (38767224)
37 (a)	Oil Seal	2	5801-9830 (38540456)
38	Bearing	1	5025-0002 (38637138)
39	Bearing	1	5090-0016 (38773321)
40 (a)	'O' Ring	2	5821-8129 (38539094)
41	Capscrew	1	4132-9106 (38632436)
42	Nut	1	4300-5811 (38530408)
43	Pin	2	4650-5520 (38635090)
44	Lockwasher	12	4520-1014 (38634234)
46	Spring	2	Order item 340
47	Ball	2	Order item 340
48	'O' Ring	2	
49	Valve Housing	2	
51	Spring	2	
53	'O' Ring	2	
54	Snap Ring	2	
57	Valve	2	
64 (a)	'O' Ring	1	5820-8529 (38533220)
88	Muffler Assembly	1	3644-0567 (38775615)
97	Spacer Ring	1	9645-0143 (38782298)
104 (a)	'O' Ring	2	5822-2829 (38524435)
126	Primary Gear Assembly	1	7645-0075 (46896429)

P/N : 7650-0224 REPAIR KIT - LC2A030S/040S//060D/080D REDUCER (Continued)

CPN : 38791851 Codification : RPK-LC2A040S/80-R

LC2A040S-080D Powerhead Assembly Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
132	Bearing	1	5090-0008 (38782173)
137	Bearing	1	5010-0001 (38540803)
138 (a)	O' Ring	1	5822-4229 (38528592)
140	Planetary Gear	3	9645-0018 (38761565)
141	Spacer	3	9645-0151 (38782546)
142	Needle Bearing	6	5650-2825 (38772943)
143	Plug	1	6517-0241 (38784815)
144	Spacer	6	9645-0045 (38764676)
145	Needle Bearing Spacer	6	5605-3520 (38537163)
147	Needle Bearing	6	5731-9832 (38537171)
152	Sun Gear	1	9645-0036 (38764098)
153	Sun Gear	1	9645-0038 (38764114)
341 (b)	Planet Support Assembly	1	7645-0074 (38794541)
(c)	Lockwasher	12	4520-1010 (38634226)

(a) Recommended spares, 2 years operation (ordering kit listed below is recommended).

(b) Do not disassemble planet support assembly item 341.

(c) Item not illustrated.

Parts not shown :

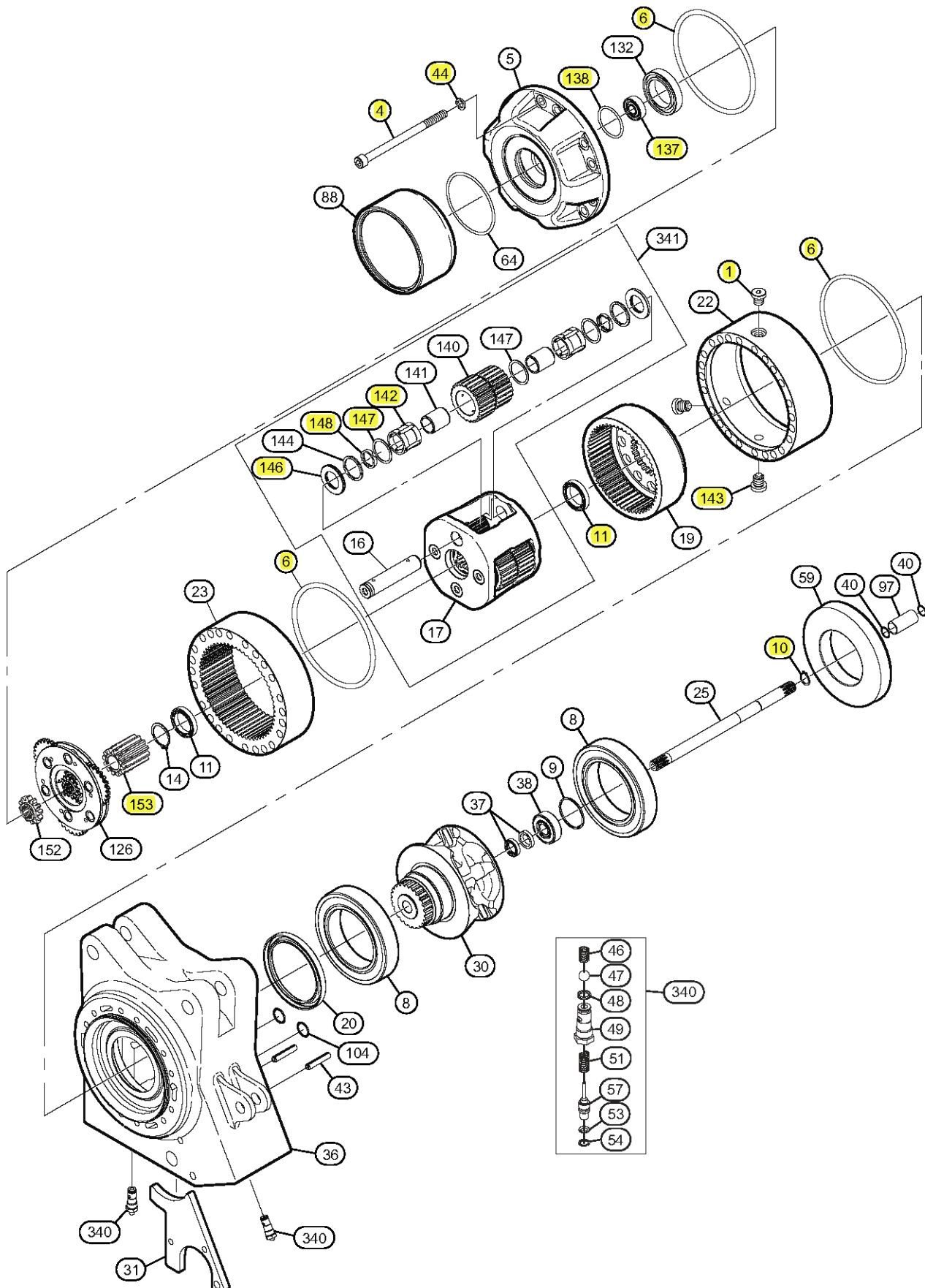
Qty 4	Washer Grower M6	P/N 4520-1006 (38540142)
Qty 4	Screw	P/N 4131-2206 (38543385)
Qty 1	O-ring	P/N 5823-9329 (38773685)

also included to repair item 126 :

Qty 6	Internal ring	P/N 5639-4641 (38764023)
Qty 3	Bearing	P/N 5090-0002 (38764155)
Qty 6	Spacer	P/N 9645-0138 (38782116)

P/N : 7650-0230 REPAIR KIT - LC2A060S/120D/180T/250Q REDUCER

CPN : 38791919 Codification : RPK-LC2A060/250-R



P/N : 7650-0230 REPAIR KIT - LC2A060S/120D/180T/250Q REDUCER (Continued)

CPN : 38791919 Codification : RPK-LC2A060/250-R

LC2A060S-120D Powerhead Assembly Parts List

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
1	Plug	2	6511-0741 (38648192)
4	Capscrew	12	4133-4506 (38782249)
5	Reduction Gear End Cover	1	9645-0029 (38765764)
6 (a)	O' Ring	3	5824-0029 (38782124)
8	Bearing	2	5005-0015 (38523346)
9	Retainer Ring	1	4770-3042 (38635728)
10 (a)	Retainer Ring	1	4770-0015 (38522264)
11	Bearing	2	5090-0006 (38762191)
14	Retainer Ring	1	4770-0030 (38523395)
16	Planet Axle	4	9645-0024 (38761755)
17	Planetary Carrier	1	9645-0019 (38761763)
19	Ring Gear	1	9645-0011 (38761474)
20 (a)	Oil Seal	1	5801-5130 (38639472)
22	Reducer Housing	1	9645-0121 (38781936)
23	Ring Gear	1	9645-0010 (38761136)
25	Pinion Shaft	1	9645-0033 (38764080)
30	Center Section Repair Kit	1	47539657001
31	Chain Stripper	1	9645-0063 (38774576)
36	Hoist Body	1	9645-0042 (38776712)
37 (a)	Oil Seal	2	5801-9830 (38540456)
38	Bearing	1	5025-0002 (38637138)
40 (a)	O' Ring	2	5821-8129 (38539094)
43	Pin	2	4650-5520 (38635090)
44	Lockwasher	12	4520-1010 (38634226)
46	Spring	2	Order item 340
47	Ball	2	
48	O' Ring	2	
49	Valve Housing	2	
51	Spring	2	
53	O' Ring	2	
54	Snap Ring	2	
57	Valve	2	
59	Adapter Ring	1	9645-0069 (38776779)
64 (a)	O' Ring	1	5820-8529 (38533220)
88	Muffler Assembly	1	3644-0567 (38775615)
97	Spacer Ring	1	9645-0143 (38782298)
104 (a)	O' Ring	2	5822-2829 (38524435)
126	Primary Gear Assembly	1	7645-0075 (46896429)
132	Bearing	1	5090-0008 (38782173)
137	Bearing	1	5010-0001 (38540803)
138 (a)	O' Ring	1	5822-4229 (38528592)

P/N : 7650-0230 REPAIR KIT - LC2A060S/120D/180T/250Q REDUCER (Continued)

CPN : 38791919 Codification : RPK-LC2A060/250-R

LC2A060S-120D Powerhead Assembly Parts List (continued)

Item No.	Description of Parts	Total Qty.	Part Number (CCN)
140	Planetary Gear	4	9645-0012 (38761458)
141	Internal Bearing Ring	8	5630-0642 (38782207)
142	Needle Bearing	8	5650-3530 (38782215)
143	Plug	1	6517-0242 (38784815)
144	Needle Bearing	8	5731-2632 (38528501)
146	Needle Bearing Spacer	8	5605-4225 (38528485)
147	Spacer	12	9645-0136 (38782090)
148	Ring	8	9645-0137 (38782108)
152	Sun Gear	1	9645-0036 (38764098)
153	Sun Gear	1	9645-0038 (38764114)
341 ^(b)	Planet Support Assembly	1	7645-0133 (38794558)

^(a) Recommended spares, 2 years operation (ordering kit listed below is recommended).

^(b) Do not disassemble planet support assembly item 341.

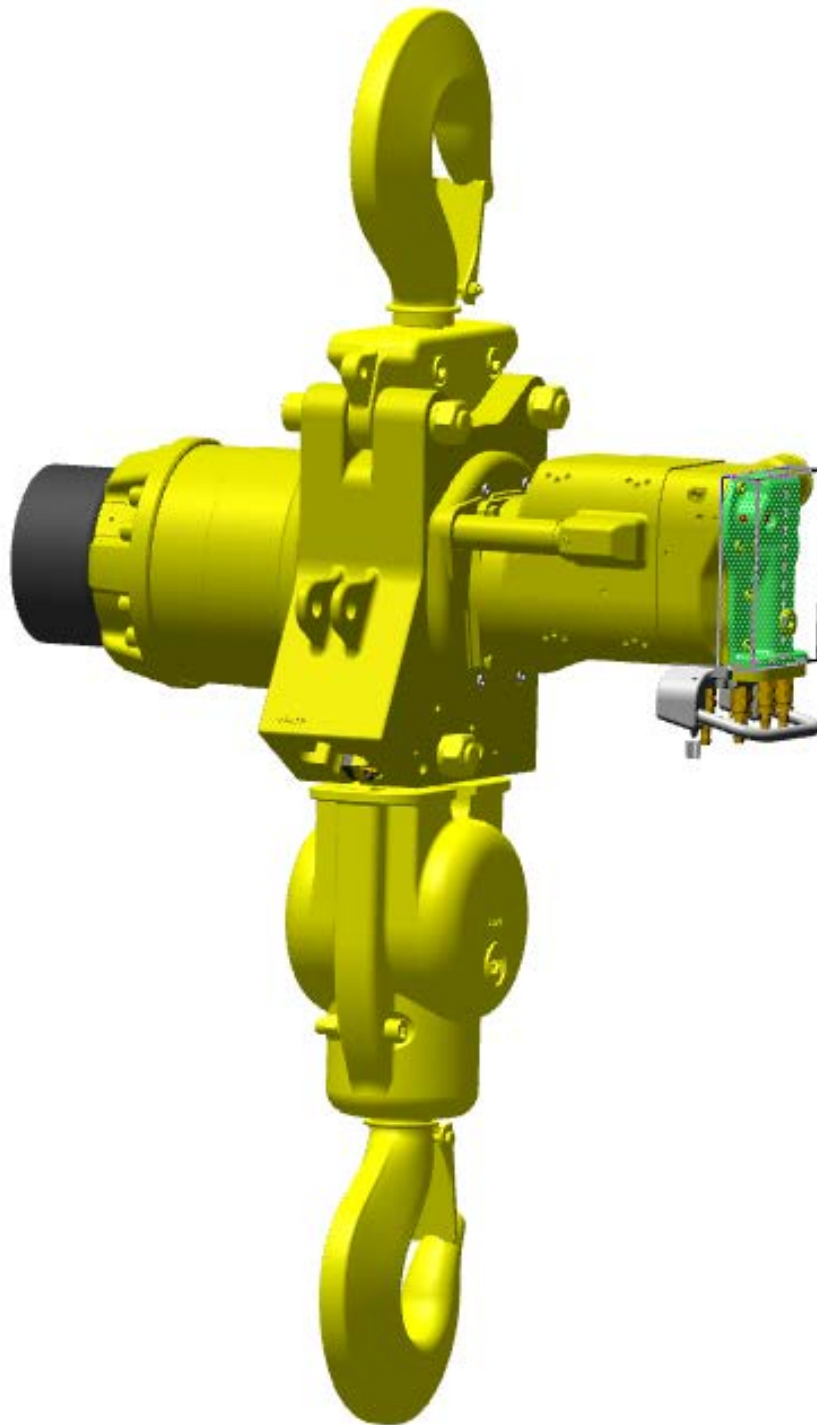
Parts not shown :

Qty 4	Washer Grower M6	P/N 4520-1006 (38540142)
Qty 4	Screw	P/N 4131-2206 (38543385)
Qty 1	O-ring	P/N 5823-9329 (38773685)

also included to repair item 126 :

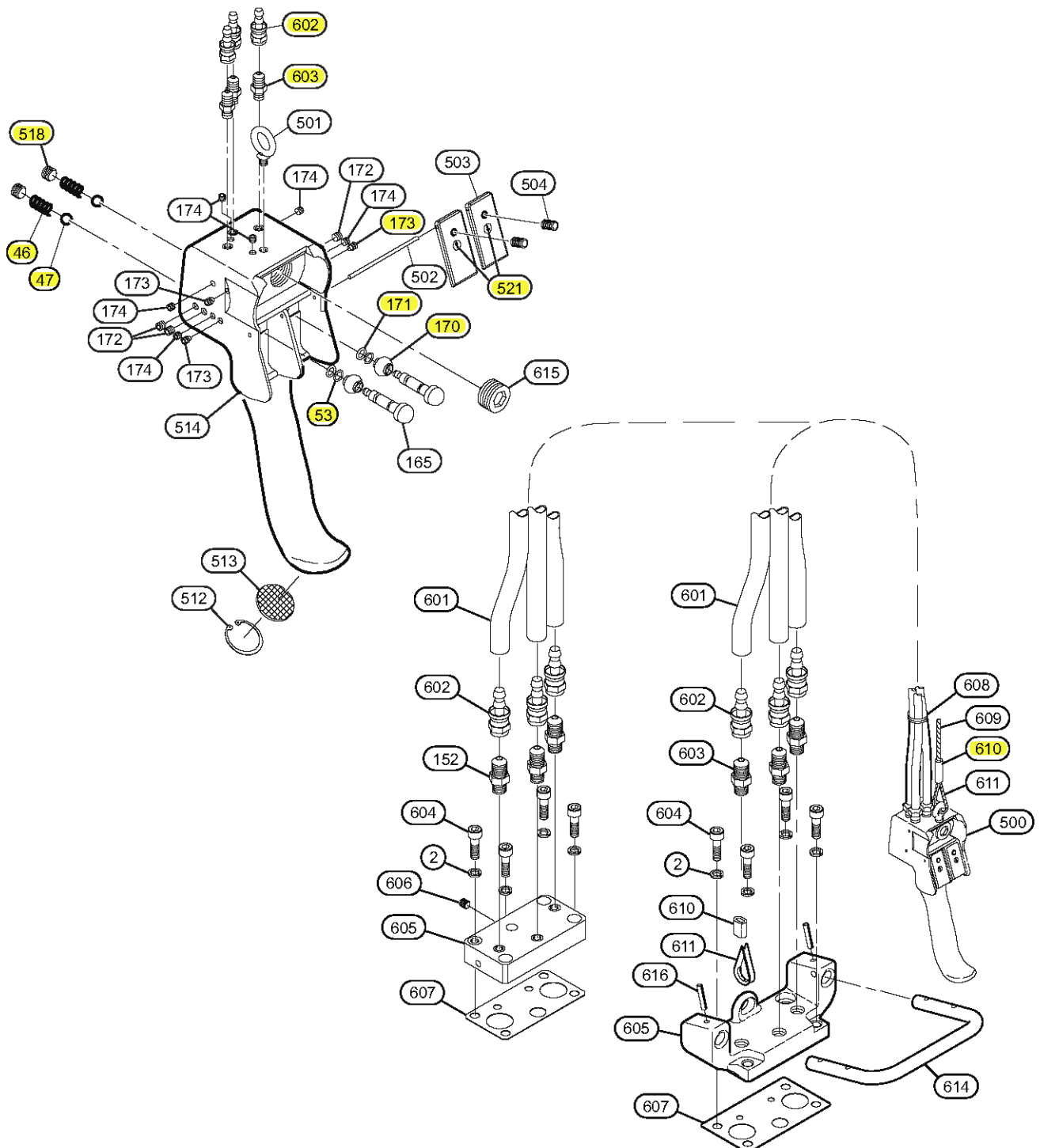
Qty 6	Internal ring	P/N 5639-4641 (38764023)
Qty 3	Bearing	P/N 5090-0002 (38764155)
Qty 6	Spacer	P/N 9645-0138 (38782116)

VALVE and CONTROLS REPAIR KITS



P/N : 7650-0141 REPAIR KIT - PHS2 PENDENT without Emergency Stop

CPN : 38781423 Codification : RPK-PHS2



P/N : 7650-0141 REPAIR KIT - PHS2 PENDENT without Emergency Stop (Continued)

CPN : 38781423 Codification : RPK-PHS2

Pendant Control Without Emergency Stop Assembly Parts List

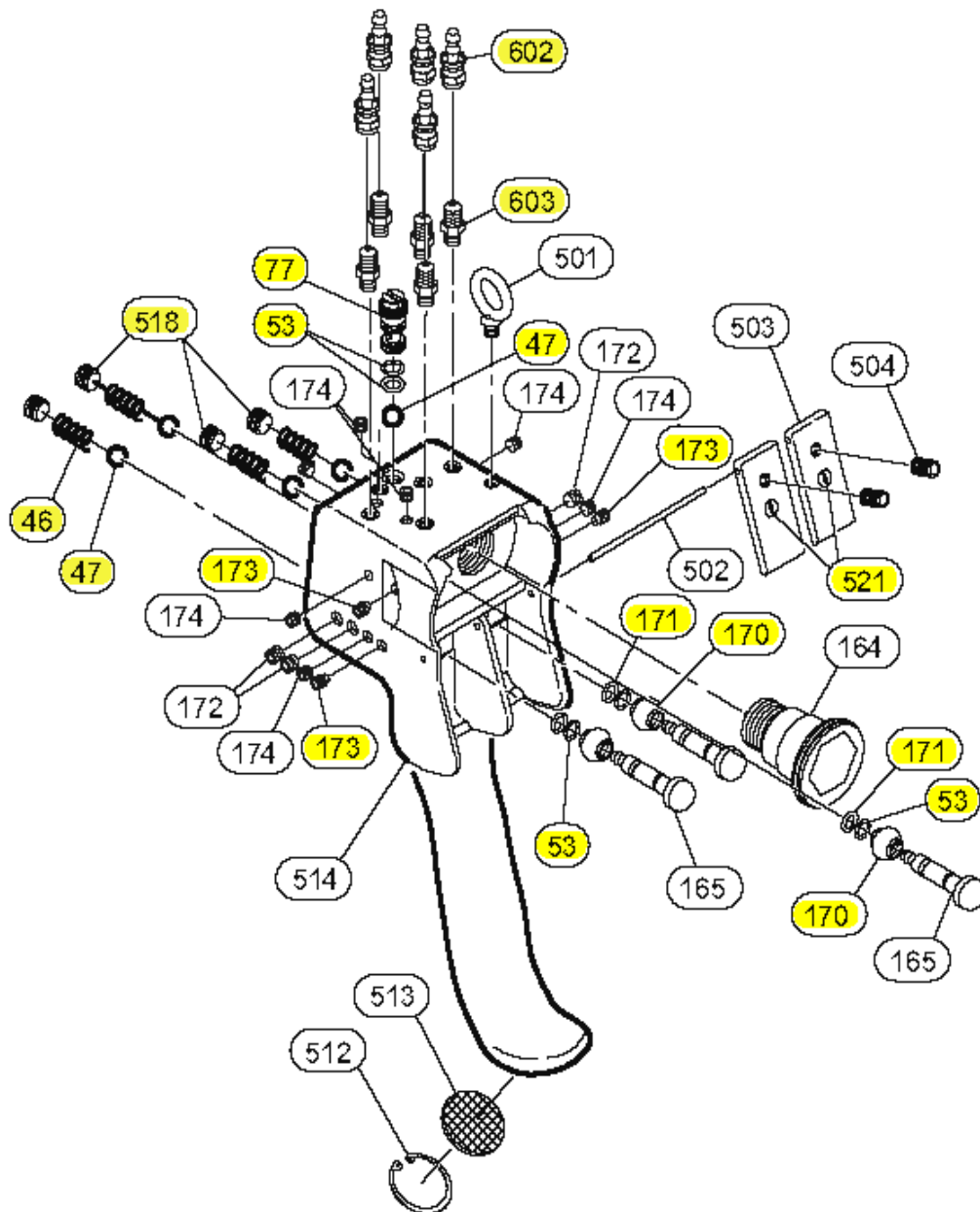
Item No.	Description of Part	Total Qty	Part Number (CCN)
500	Pendant Assembly	1	PHS2E (38559233)
46	Spring	2	6912-8541 (38553889)
47	Ball	2	6940-1625 (38542924)
53	'O' Ring	2	5820-9229 (38534517)
75	Lockwasher	4	4520-1006 (38540142)
165	Valve	2	9579-0104 (38550190)
170	Protector	2	9579-0107 (38554580)
171	'O' Ring	2	5823-5329 (38550208)
173	Setscrew	2	4200-8207 (38544292)
501	Lifting Eye	1	6422-2332 (38529160)
502	Pin	1	9579-0040 (38538237)
503	Lever	1	9579-0122 (38559100)
504	Screw	1	4200-8607 (38555546)
512	Retainer Ring	1	4771-3030 (38559373)
513	Exhaust Washer	1	6760-0303 (38535621)
514	Pendant Handle	1	9579-0129
518	Plug	2	6510-7741 (38648143)
521	Label Kit	1	9579-0111 (38554598)
601	Hose ^(a)	As req'd	50923 (03990215)
602	Fitting, Adapter	3 in the kit	51029 (03990298)
603	Fitting, Nipple	3 in the kit	6823-7528 (38563789)
604	Capscrew	4	4132-2206 (38541132)
605	Adapter Plate	1	9644-1026 (38577920)
606	Setscrew	1	4200-7406 (38540498)
607	Gasket	1	9644-1093 (38595500)
608	Hose Tie	1	6112-5132 (38525226)
609	Strain Relief Wire	As req'd	6976-3132 (38537890)
610	Sleeve Clamp	1	6112-5032 (38525218)
611	Thimble	1	6932-5332 (38525242)
615	Plug	1	6512-9541 (38559530)
- - -	Exhaust Valve Kit ^(b)	As req'd	20417 (71069579)
- - -	Label: "Read the Manual" ^(b)	1	9618-0098 (38543856)
- - -	Label: "Do Not Use for Lifting Personnel" ^(b)	1	9618-0100 (38543872)

^(a) Order in ft (m)

^(b) Not illustrated

P/N : 7650-0142 REPAIR KIT - PHS2-U PENDENT with Emergency Stop

CPN : 38781431 Codification : RPK-PHS2-U



P/N : 7650-0142 REPAIR KIT - PHS2 PENDENT with Emergency Stop (Continued)

CPN : 38781431 Codification : RPK-PHS2-U

Pendant Control With Emergency Stop Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)
500	Pendant Assembly	1	PHS2E-U
46	Spring	4	6912-8541 (38553889)
47	Ball	5	6940-1625 (38542924)
53	'O' Ring	5	5820-9229 (38534517)
70	'O' Ring	3	5823-7429 (38597241)
75	Lockwasher	6	4520-1006 (38540142)

Pendant Control Without Emergency Stop Assembly Parts List (continued)

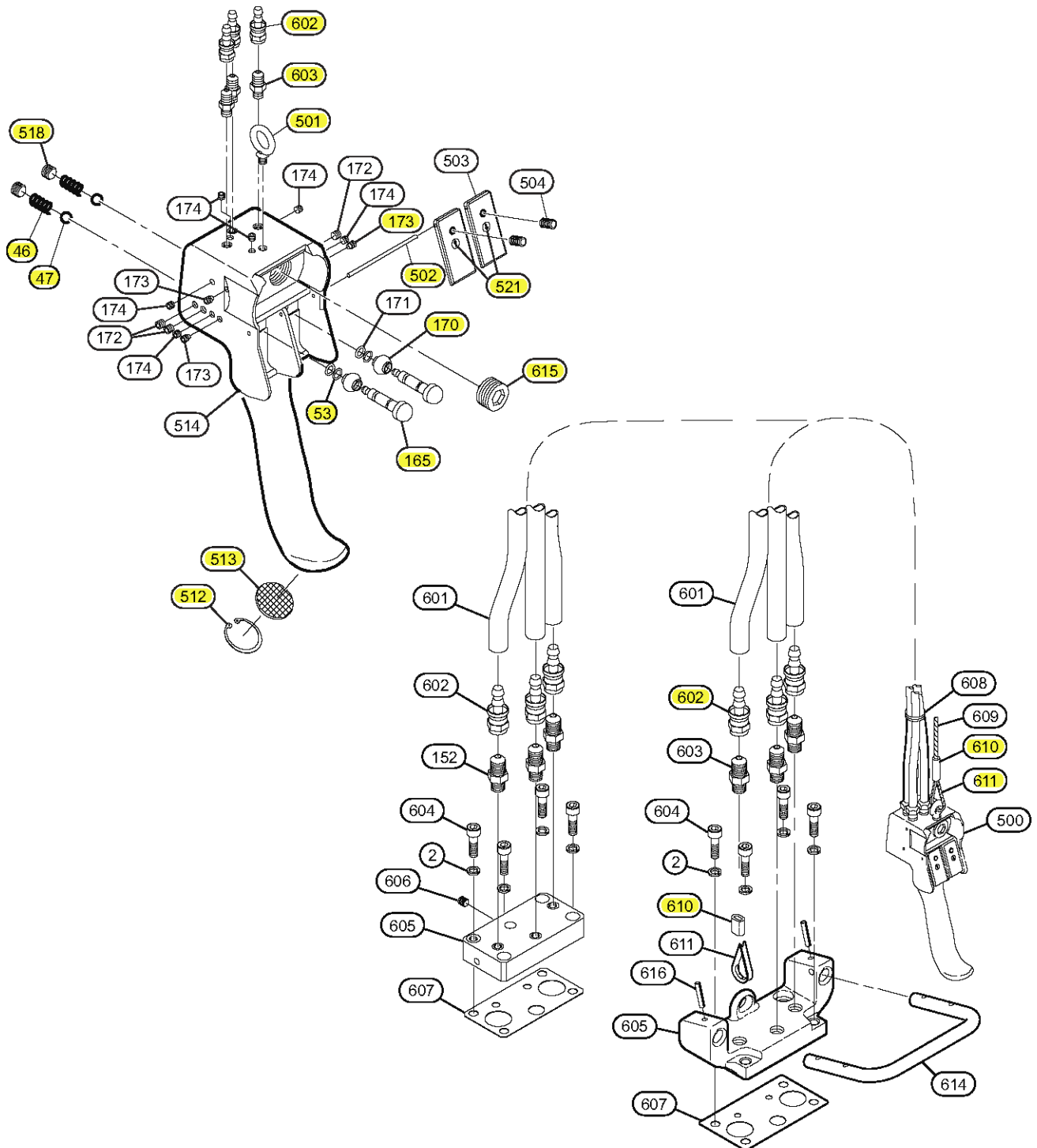
Item No.	Description of Part	Total Qty	Part Number (CCN)
165	Valve	2	9579-0104 (38550190)
170	Protector	2	9579-0107 (38554580)
171	'O' Ring	2	5823-5329 (38550208)
173	Setscrew	2	4200-8207 (38544292)
501	Lifting Eye	1	6422-2332 (38529160)
502	Pin	1	9579-0040 (38538237)
503	Lever	1	9579-0122 (38559100)
504	Screw	1	4200-8607 (38555546)
512	Retainer Ring	1	4771-3030 (38559373)
513	Exhaust Washer	1	6760-0303 (38535621)
514	Pendant Handle	1	9579-0129
518	Plug	2	6510-7741 (38648143)
521	Label Kit	1	9579-0111 (38554598)
601	Hose ^(a)	As req'd	50923 (03990215)
602	Fitting, Adapter	3 in the kit	51029 (03990298)
603	Fitting, Nipple	3 in the kit	6823-7528 (38563789)
604	Capscrew	4	4132-2206 (38541132)
605	Adapter Plate	1	9644-1026 (38577920)
606	Setscrew	1	4200-7406 (38540498)
607	Gasket	1	9644-1093 (38595500)
608	Hose Tie	1	6112-5132 (38525226)
609	Strain Relief Wire	As req'd	6976-3132 (38537890)
610	Sleeve Clamp	1	6112-5032 (38525218)
611	Thimble	1	6932-5332 (38525242)
615	Plug	1	6512-9541 (38559530)
- - -	Exhaust Valve Kit ^(b)	As req'd	20417 (71069579)
- - -	Label: "Read the Manual" ^(b)	1	9618-0098 (38543856)
- - -	Label: "Do Not Use for Lifting Personnel" ^(b)	1	9618-0100 (38543872)

^(a) Order in ft (m)

^(b) Not illustrated

P/N : 7650-0079 REBUID KIT - PHS2 Pendant Without Emergency Stop

CPN : 38780805 Codification : RBK-PHS2



P/N : 7650-0079 REBUILD KIT - PHS2 Pendant Without Emergency Stop (Continued)

CPN : 38780805 Codification : RBK-PHS2

Pendant Control Without Emergency Stop Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)
500	Pendant Assembly	1	PHS2E (38559233)
46	Spring	2	6912-8541 (38553889)
47	Ball	2	6940-1625 (38542924)
53	'O' Ring	2	5820-9229 (38534517)
75	Lockwasher	4	4520-1006 (38540142)

Pendant Control Without Emergency Stop Assembly Parts List (continued)

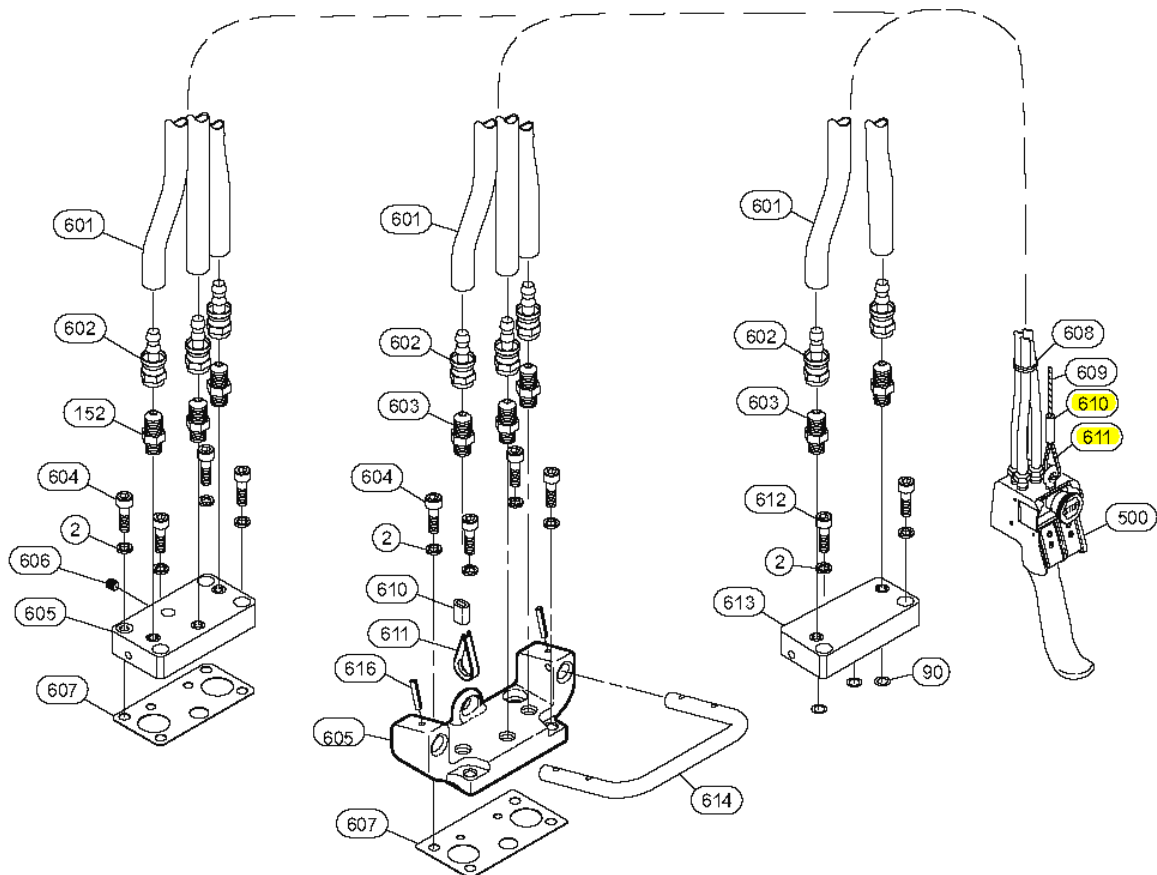
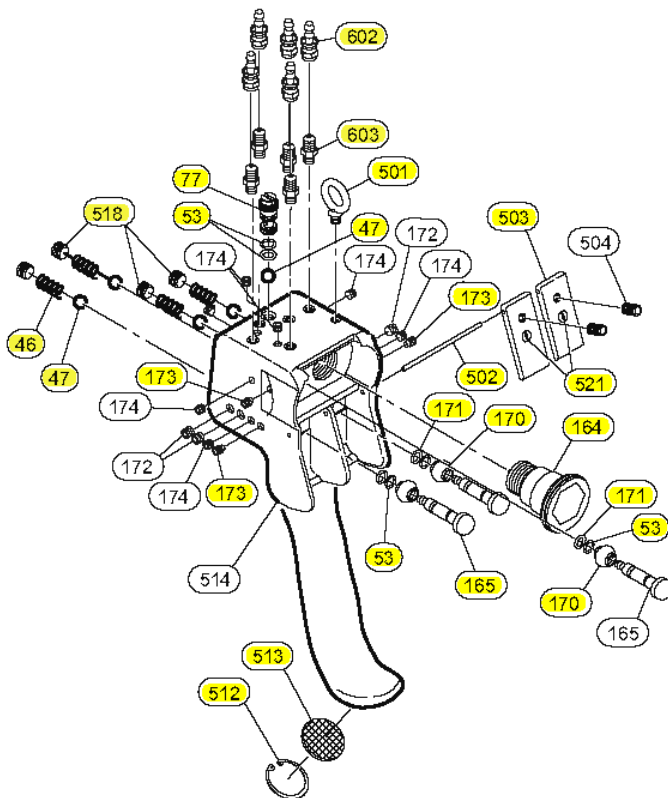
Item No.	Description of Part	Total Qty	Part Number (CCN)
165	Valve	2	9579-0104 (38550190)
170	Protector	2	9579-0107 (38554580)
171	'O' Ring	2	5823-5329 (38550208)
173	Setscrew	2	4200-8207 (38544292)
501	Lifting Eye	1	6422-2332 (38529160)
502	Pin	1	9579-0040 (38538237)
503	Lever	1	9579-0122 (38559100)
504	Screw	1	4200-8607 (38555546)
512	Retainer Ring	1	4771-3030 (38559373)
513	Exhaust Washer	1	6760-0303 (38535621)
514	Pendant Handle	1	9579-0129
518	Plug	2	6510-7741 (38648143)
521	Label Kit	1	9579-0111 (38554598)
601	Hose ^(a)	As req'd	50923 (03990215)
602	Fitting, Adapter	3 in the kit	51029 (03990298)
603	Fitting, Nipple	3 in the kit	6823-7528 (38563789)
604	Capscrew	4	4132-2206 (38541132)
605	Adapter Plate	1	9644-1026 (38577920)
606	Setscrew	1	4200-7406 (38540498)
607	Gasket	1	9644-1093 (38595500)
608	Hose Tie	1	6112-5132 (38525226)
609	Strain Relief Wire	As req'd	6976-3132 (38537890)
610	Sleeve Clamp	1	6112-5032 (38525218)
611	Thimble	1	6932-5332 (38525242)
615	Plug	1	6512-9541 (38559530)
- - -	Exhaust Valve Kit ^(b)	As req'd	20417 (71069579)
- - -	Label: "Read the Manual" ^(b)	1	9618-0098 (38543856)
- - -	Label: "Do Not Use for Lifting Personnel" ^(b)	1	9618-0100 (38543872)

^(a) Order in ft (m)

^(b) Not illustrated

P/N : 7650-0080 REBUILD KIT - PHS2-U Pendant With Emergency Stop

CPN : 38780813 Codification : RBK-PHS2-U



P/N : 7650-0080 REBUILD KIT - PHS2-U Pendant With Emergency Stop (Continued)

CPN : 38780813 Codification : RBK-PHS2-U

Pendant Control With Emergency Stop Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)
500	Pendant Assembly	1	PHS2E-U
46	Spring	4	6912-8541 (38553889)
47	Ball	5	6940-1625 (38542924)
53	'O' Ring	5	5820-9229 (38534517)
70	'O' Ring	3	5823-7429 (38597241)
75	Lockwasher	6	4520-1006 (38540142)

Pendant Control With Emergency Stop Assembly Parts List (continued)

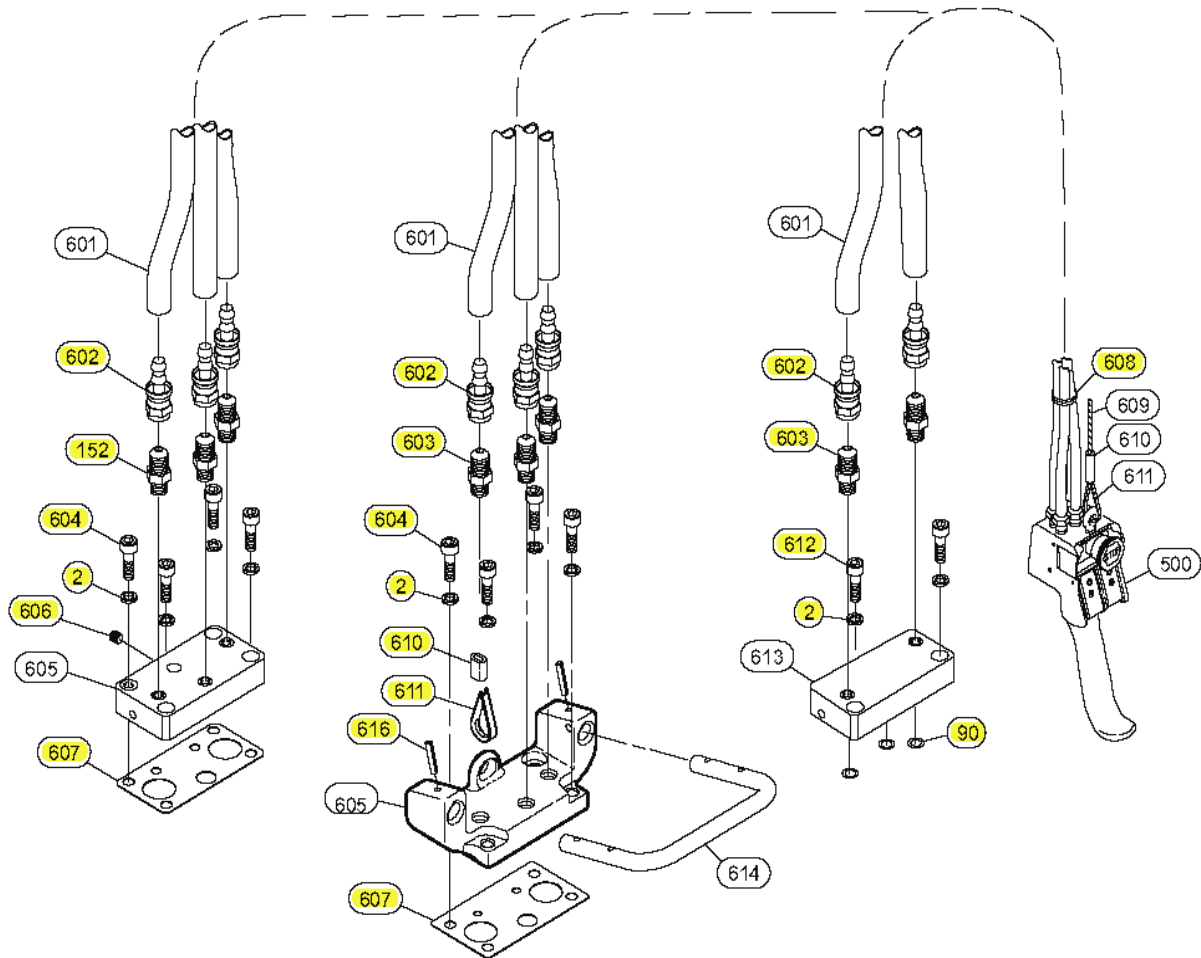
Item No.	Description of Part	Total Qty	Part Number (CCN)
77	Check Valve	1	9579-0106 (38551198)
164	Valve, Emergency Stop	1	9579-0108 (38551180)
165	Valve	3	9579-0104 (38550190)
170	Protector	2	9579-0107 (38554580)
171	'O' Ring	2	5823-5329 (38550208)
173	Setscrew	2	4200-8207 (38544292)
501	Lifting Eye	1	6422-2332 (38529160)
502	Pin	1	9579-0040 (38538237)
503	Lever	1	9579-0122 (38559100)
504	Screw	1	4200-8607 (38555546)
512	Retainer Ring	1	4771-3030 (38559373)
513	Exhaust Washer	1	6760-0303 (38535621)
514	Pendant Handle	1	9579-0129 (38559381)
518	Plug	2	6510-7741 (38648143)
521	Label Kit	1	9579-0111 (38554598)
601	Hose ^(a)	As req'd	50923 (03990215)
602	Fitting, Adapter	5 in the kit	51029 (0399298)
603	Fitting, Nipple	5 in the kit	6823-7528 (38563789)
604	Capscrew	4	4132-2206 (38541132)
605	Adapter Plate	1	9644-1026 (38577920)
606	Setscrew	1	4200-7406
607	Gasket	1	9644-1093 (38595500)
608	Hose Tie	1	6112-5132 (38525226)
609	Strain Relief Wire	As req'd	6976-3132 (38537890)
610	Sleeve Clamp	1	6112-5032 (38525218)
611	Thimble	1	6932-5332 (38525242)
615	Plug	1	6512-9541 (38559530)
---	Exhaust Valve Kit ^(b)	As req'd	20417 (71069579)
---	Label: "Read the Manual" ^(b)	1	9618-0098 (38543856)
---	Label: "Do Not Use for Lifting Personnel" ^(b)	1	9618-0100 (38543872)

^(a) Order in ft (m)

^(b) Not illustrated

P/N : 7650-0161 REPAIR KIT - Shut-Off Valve for 3,5HP/6HP Motor With Pendant Ctrl CE Version

CPN : 38781928 Codification : RPK-3,5/6HP M-V-PH+E



Pendant Control With Emergency Stop Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)
500	Pendant Assembly	1	PHS2E-U
46	Spring	4	6912-8541 (38553889)
47	Ball	5	6940-1625 (38542924)
53	'O' Ring	5	5820-9229 (38534517)
70	'O' Ring	3	5823-7429 (38597241)
75	Lockwasher	6	4520-1006 (38540142)

P/N : 7650-0161 REPAIR KIT - Shut-Off Valve for 3,5HP/6HP Motor With Pendant Ctrl CE Version (Cont.)

CPN : 38781928 Codification : RPK-3,5/6HP M-V-PH+E

Pendant Control With Emergency Stop Assembly Parts List (continued)

Item No.	Description of Part	Total Qty	Part Number (CCN)
77	Check Valve	1	9579-0106 (38551198)
164	Valve, Emergency Stop	1	9579-0108 (38551180)
165	Valve	3	9579-0104 (38550190)
170	Protector	2	9579-0107 (38554580)
171	`O' Ring	2	5823-5329 (38550208)
173	Setscrew	2	4200-8207 (38544292)
501	Lifting Eye	1	6422-2332 (38529160)
502	Pin	1	9579-0040 (38538237)
503	Lever	1	9579-0122 (38559100)
504	Screw	1	4200-8607 (38555546)
512	Retainer Ring	1	4771-3030 (38559373)
513	Exhaust Washer	1	6760-0303 (38535621)
514	Pendant Handle	1	9579-0129 (38559381)
518	Plug	2	6510-7741 (38648143)
521	Label Kit	1	9579-0111 (38554598)
601	Hose ^(a)	As req'd	50923 (03990215)
602	Fitting, Adapter	6	51029 (0399298)
603	Fitting, Nipple	6	6823-7528 (38563789)
604	Capscrew	4	4132-2206 (38541132)
605	Adapter Plate	1	9644-1026 (38577920)
606	Setscrew	1	4200-7406
607	Gasket	1	9644-1093 (38595500)
608	Hose Tie	1	6112-5132 (38525226)
609	Strain Relief Wire	As req'd	6976-3132 (38537890)
610	Sleeve Clamp	1	6112-5032 (38525218)
611	Thimble	1	6932-5332 (38525242)
615	Plug	1	6512-9541 (38559530)
- - -	Exhaust Valve Kit ^(b)	As req'd	20417 (71069579)
- - -	Label: "Read the Manual" ^(b)	1	9618-0098 (38543856)
- - -	Label: "Do Not Use for Lifting Personnel" ^(b)	1	9618-0100 (38543872)

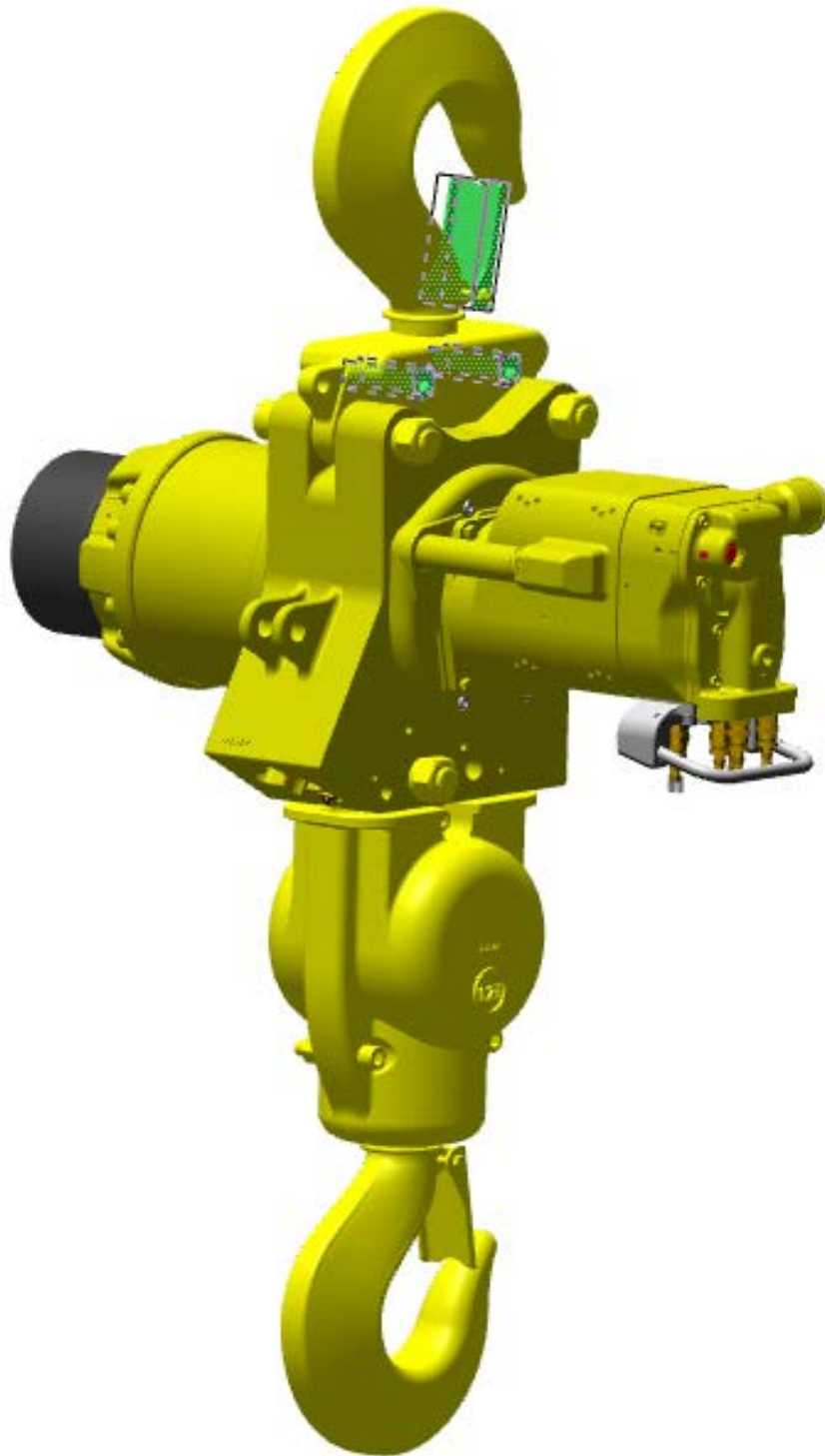
^(a) Order in ft (m)

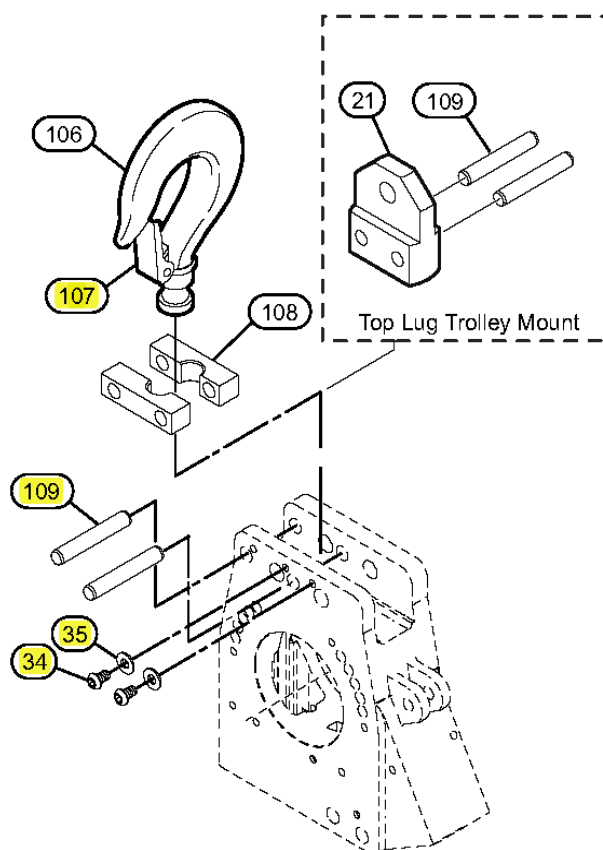
^(b) Not illustrated

Parts not shown :

Qty 2	Pin 4-20	P/N 4650-3420 (38523627)
Qty 1	Gasket	P/N 9644-082 (38799698)

TOP HOOKS REPAIR KITS



P/N : 7650-0316 REPAIR KIT - LC2A010S/015S TOP HOOK
CPN : 46889218 Codification : RPK-LC2A015SI-T-HOOK

LC2A010S - 015S - 020D - 030D - 060Q Top Hook and Trolley Mount Assembly - Parts List (continued)

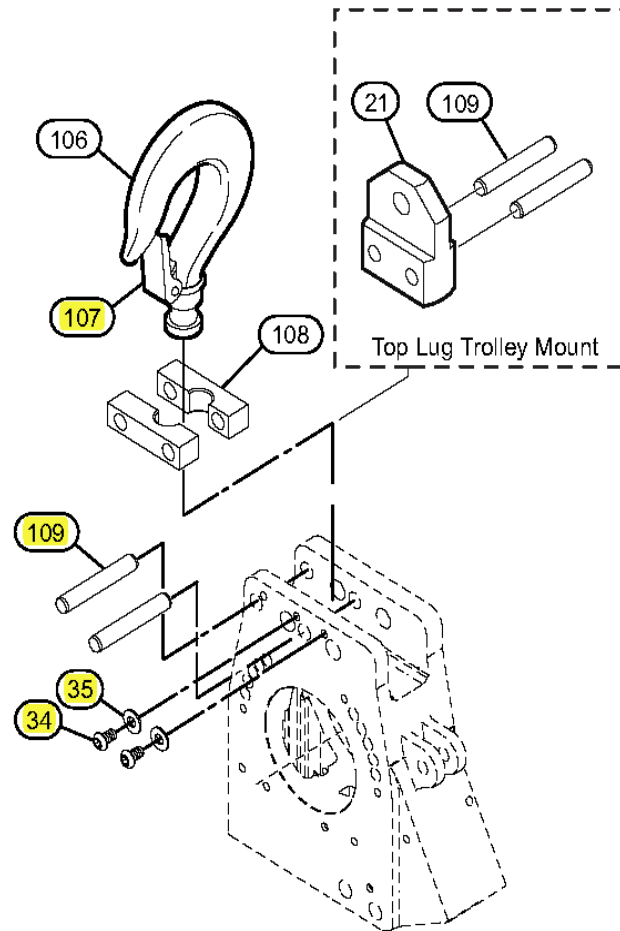
Item No.	Description of Part	Total Qty	Part Number (CCN)		
			1.5T Single	3T Double	6T Quad
34	Capscrew	2	4120-1604 (38597522)		
35	Washer	2	4500-1106 (4500-1106)		
44	Lockwasher	2	---		
106	Hook	1	9424-8356 (38576294)	9424-8357 (38576302)	9412-8459 (38576310)
107	Hook Latch Kit	1	9424-0364 (38576542)	9424-0365 (38576559)	9412-0460 (38576567)
108	Hook Support	2	9644-3034 (38577631)	9644-3035 (38577664)	---
109	Pin	2	9644-3244 (38753067)	9644-3245 (38753075)	9644-3375 (38759429)
126	Capscrew	2	---		
127	Half Hook Support	2	---		
128	Nut	1	---		
---	RPK Top Hook	1	7650-0316 (46889218)	7650-0318 (46889234)	7650-0322 (46889275)

Parts not shown :

Qty 2	Screw	P/N 4133-5806 (47512507001)
Qty 2	Washer	P/N 4520-1014 (38634234)
Qty 2	Washer	P/N 4520-1120 (38634283)
Qty 2	Screw	P/N 4133-4306 (38774667)

P/N : 7650-0318 REPAIR KIT - LC2A020D/030D TOP HOOK

CPN : 46889234 Codification : RPK-LC2A030DI-T-HOOK

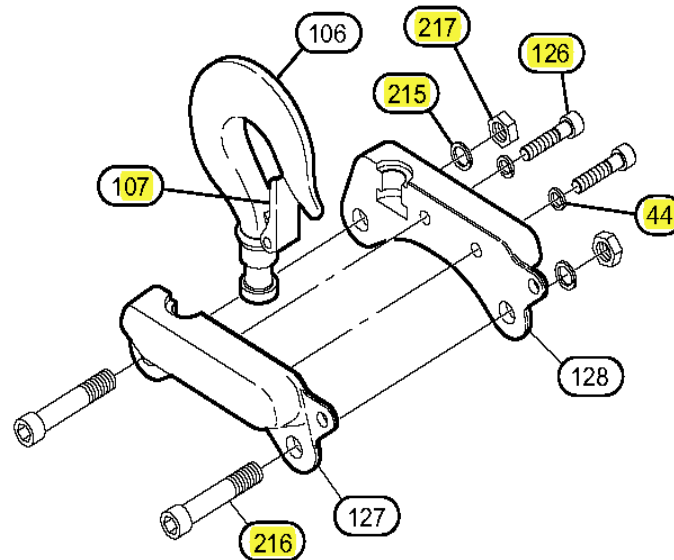


LC2A010S - 015S - 020D - **030D** - 060Q Top Hook and Trolley Mount Assembly - Parts List (continued)

Item No.	Description of Part	Total Qty	Part Number (CCN)		
			1.5T Single	3T Double	6T Quad
34	Capscrew	2	4120-1604 (38597522)		
35	Washer	2	4500-1106 (4500-1106)		
44	Lockwasher	2	---		
106	Hook	1	9424-8356 (38576294)	9424-8357 (38576302)	9412-8459 (38576310)
107	Hook Latch Kit	1	9424-0364 (38576542)	9424-0365 (38576559)	9412-0460 (38576567)
108	Hook Support	2	9644-3034 (38577631)	9644-3035 (38577664)	---
109	Pin	2	9644-3244 (38753067)	9644-3245 (38753075)	9644-3375 (38759429)
126	Capscrew	2	---		
127	Half Hook Support	2	---		
128	Nut	1	---		
---	RPK Top Hook	1	7650-0316 (46889218)	7650-0318 (46889234)	7650-0322 (46889275)

P/N : 7650-0320 REPAIR KIT - LC2A030S/040S TOP HOOK

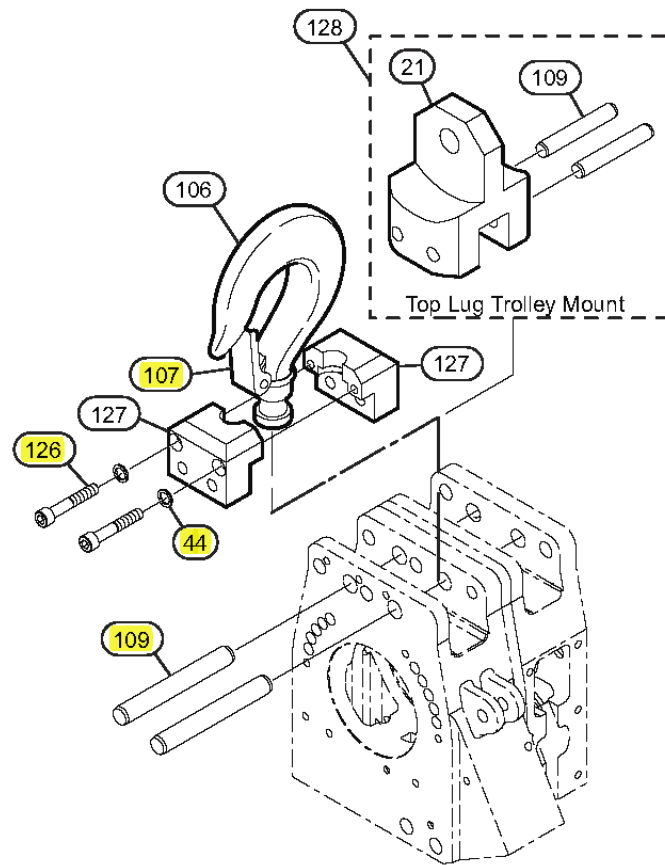
CPN : 46889259 Codification : RPK-LC2A040SI-T-HOOK



LC2A030S - 040S - 060S Top Hook and Trolley Mount Assembly - Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			4T Single	6T Single
---	Top Hook Assembly	1	7645-0077 (38794582)	7645-0089 (38794590)
44	Lockwasher	2	4520-1010 (38634226)	4520-1014 (38634234)
106	Hook	1	9645-0120 (38781654)	9412-8459 (38576310)
107	Hook Latch Kit	1	9424-0365 (38576559)	9412-0460 (38576567)
126	Capscrew	2	4132-3206 (38539292)	4133-4306 (38774667)
127	Half Hook Support	1	9645-0058 (38773172)	9645-0066 (38774618)
128	Half Hook Support	1	9645-0057 (38773164)	9645-0065 (38774600)
215	Washer	2	4520-1016 (38540704)	4520-1120 (38634283)
216	Capscrew	2	4131-9306 (38542031)	4133-5806 (47512507001)
217	Locknut	2	4300-6011 (38540670)	4300-4011 (38541629)
218	Trolley Suspension Plate	1	9649-0088 (38785937)	9649-0071 (38786794)
---	RPK Top Hook	1	7650-0320 (46889259)	7650-0326 (46889317)

P/N : 7650-0322 REPAIR KIT - LC2A060Q TOP HOOK
 CPN : 46889275 Codification : RPK-LC2A060QI-T-HOOK

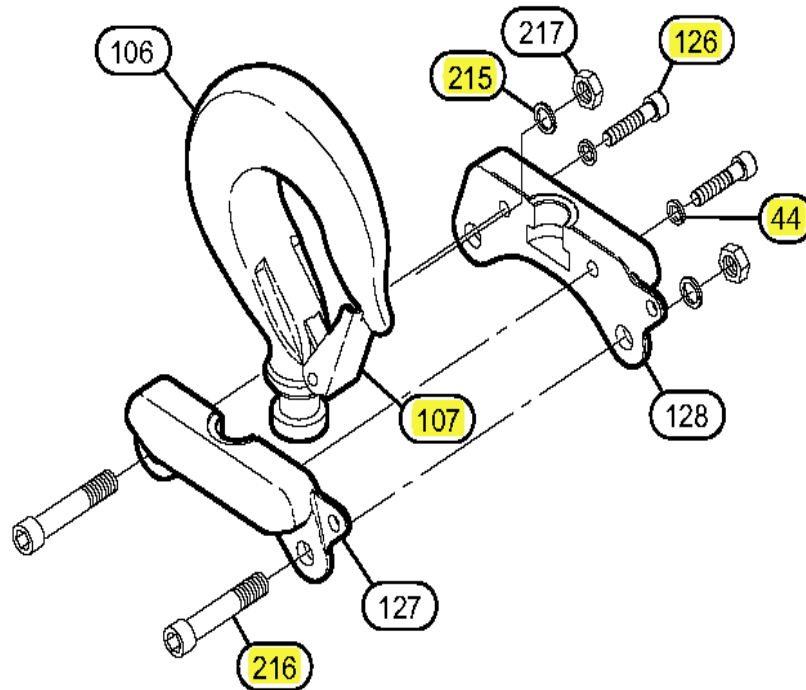


LC2A010S - 015S - 020D - 030D - 060Q Top Hook and Trolley Mount Assembly - Parts List (continued)

Item No.	Description of Part	Total Qty	Part Number (CCN)		
			1.5T Single	3T Double	6T Quad
34	Capscrew	2	4120-1604 (38597522)		
35	Washer	2	4500-1106 (4500-1106)		
44	Lockwasher	2	---		
106	Hook	1	9424-8356 (38576294)	9424-8357 (38576302)	9412-8459 (38576310)
107	Hook Latch Kit	1	9424-0364 (38576542)	9424-0365 (38576559)	9412-0460 (38576567)
108	Hook Support	2	9644-3034 (38577631)	9644-3035 (38577664)	---
109	Pin	2	9644-3244 (38753067)	9644-3245 (38753075)	9644-3375 (38759429)
126	Capscrew	2	---		
127	Half Hook Support	2	---		
128	Nut	1	---		
---	RPK Top Hook	1	7650-0316 (46889218)	7650-0318 (46889234)	7650-0322 (46889275)

P/N : 7650-0324 REPAIR KIT - LC2A060D/080D TOP HOOK

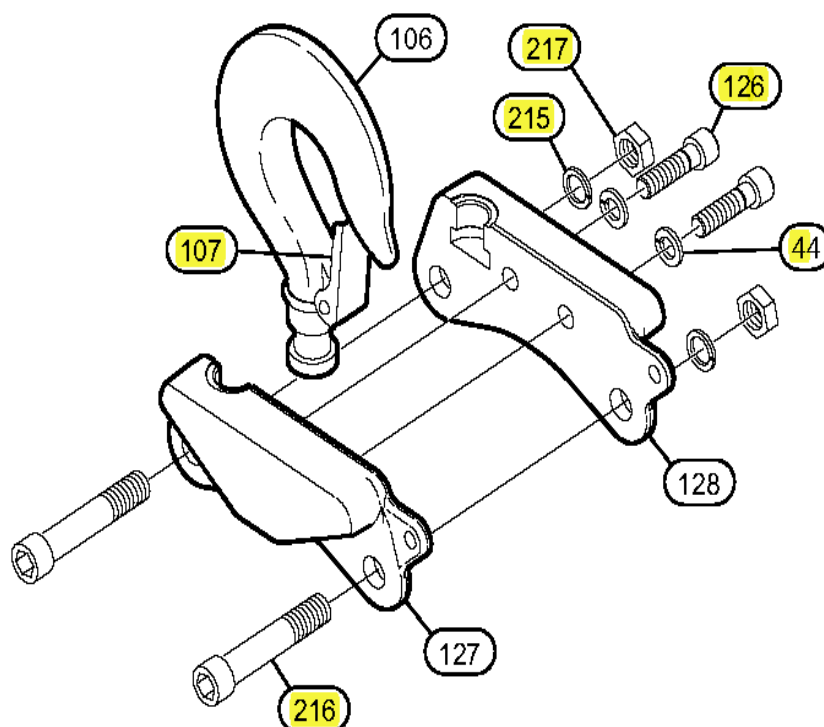
CPN : 46889291 Codification : RPK-LC2A080DI-T-HOOK



LC2A060D - 080D - 120D Top Hook and Trolley Mount Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			8T Double	12T Double
- - -	Top Hook Assembly	1	7645-0078 (38794608)	7645-0090 (38794616)
44	Washer	2	4520-1010 (38634226)	4520-1014 (38634234)
106	Hook	1	9645-0180 (38785598)	9645-0278 (38791000)
107	Hook Latch Kit	1	9645-0316 (38795068)	9623-0236 (38576591)
126	Capscrew	2	4132-3206 (38539292)	4133-4306 (38774667)
127	Half Hook Support	1	9645-0060 (38773206)	9645-0068 (38774634)
128	Half Hook Support	1	9645-0059 (38773198)	9645-0067 (38774626)
215	Washer	2	4520-1016 (38540704)	4520-1120 (38634283)
216	Capscrew	2	4131-9306 (38542031)	4133-5806 (47512507001)
217	Locknut	2	4300-6011 (38540670)	4300-4011 (38541629)
218	Trolley Suspension Plate	1	9649-0068 (38786778)	9649-0043 (38787115)
- - -	RPK Top Hook	1	7650-0324 (46889291)	7650-0328 (46889333)

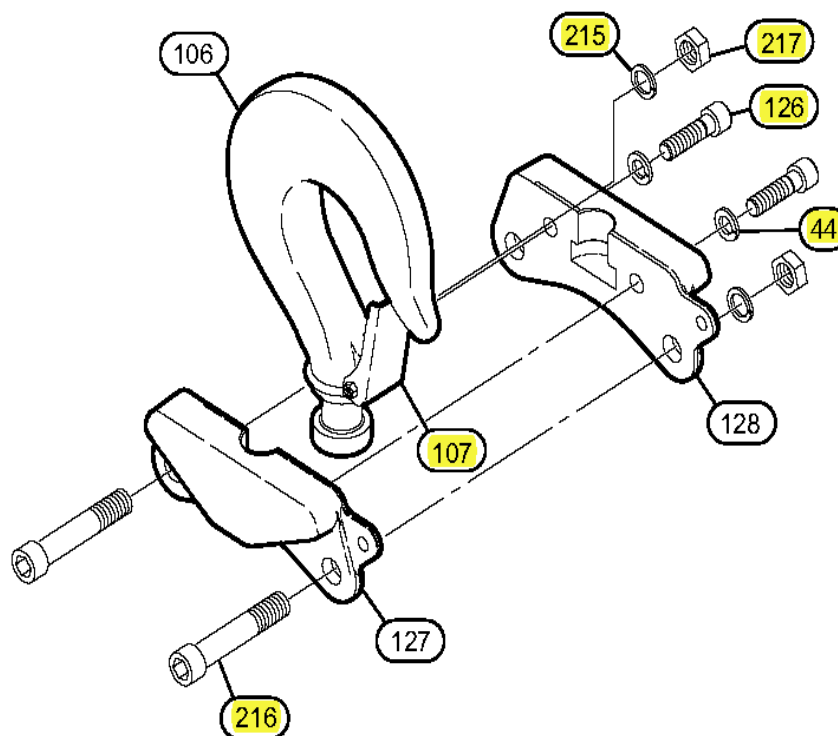
P/N : 7650-0326 REPAIR KIT - LC2A060S TOP HOOK
 CPN : 46889317 Codification : RPK-LC2A060SI-T-HOOK



LC2A030S - 040S - 060S Top Hook and Trolley Mount Assembly - Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			4T Single	6T Single
---	Top Hook Assembly	1	7645-0077 (38794582)	7645-0089 (38794590)
44	Lockwasher	2	4520-1010 (38634226)	4520-1014 (38634234)
106	Hook	1	9645-0120 (38781654)	9412-8459 (38576310)
107	Hook Latch Kit	1	9424-0365 (38576559)	9412-0460 (38576567)
126	Capscrew	2	4132-3206 (38539292)	4133-4306 (38774667)
127	Half Hook Support	1	9645-0058 (38773172)	9645-0066 (38774618)
128	Half Hook Support	1	9645-0057 (38773164)	9645-0065 (38774600)
215	Washer	2	4520-1016 (38540704)	4520-1120 (38634283)
216	Capscrew	2	4131-9306 (38542031)	4133-5806 (47512507001)
217	Locknut	2	4300-6011 (38540670)	4300-4011 (38541629)
218	Trolley Suspension Plate	1	9649-0088 (38785937)	9649-0071 (38786794)
---	RPK Top Hook	1	7650-0320 (46889259)	7650-0326 (46889317)

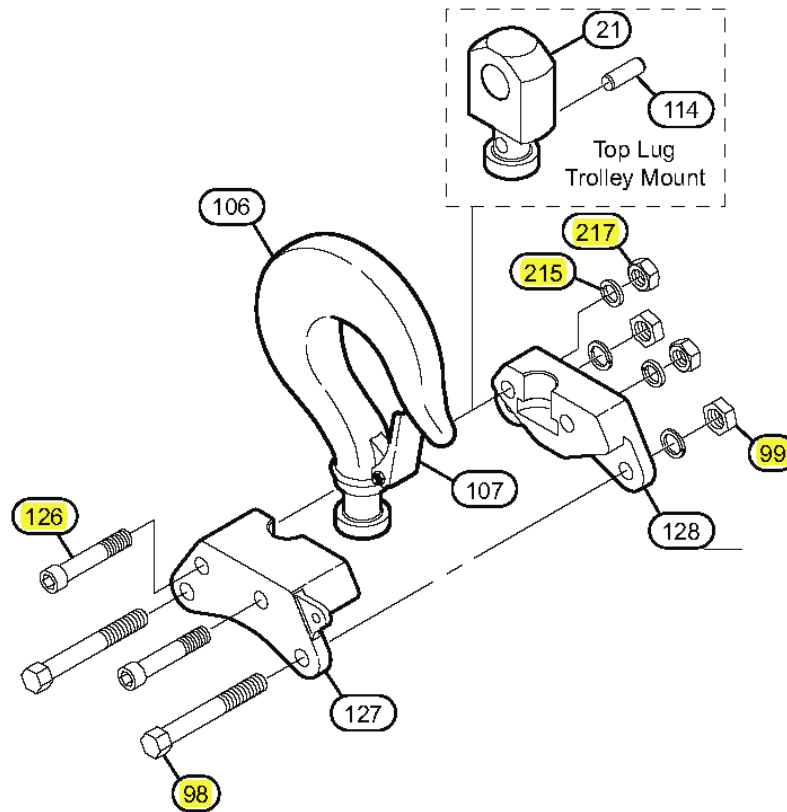
P/N : 7650-0328 REPAIR KIT - LC2A120D TOP HOOK
 CPN : 46889333 Codification : RPK-LC2A120DI-T-HOOK



LC2A060D - 080D - 120D Top Hook and Trolley Mount Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			8T Double	12T Double
- - -	Top Hook Assembly	1	7645-0078 (38794608)	7645-0090 (38794616)
44	Washer	2	4520-1010 (38634226)	4520-1014 (38634234)
106	Hook	1	9645-0180 (38785598)	9645-0278 (38791000)
107	Hook Latch Kit	1	9645-0316 (38795068)	9623-0236 (38576591)
126	Capscrew	2	4132-3206 (38539292)	4133-4306 (38774667)
127	Half Hook Support	1	9645-0060 (38773206)	9645-0068 (38774634)
128	Half Hook Support	1	9645-0059 (38773198)	9645-0067 (38774626)
215	Washer	2	4520-1016 (38540704)	4520-1120 (38634283)
216	Capscrew	2	4131-9306 (38542031)	4133-5806 (47512507001)
217	Locknut	2	4300-6011 (38540670)	4300-4011 (38541629)
218	Trolley Suspension Plate	1	9649-0068 (38786778)	9649-0043 (38787115)
- - -	RPK Top Hook	1	7650-0324 (46889291)	7650-0328 (46889333)

P/N : 7650-0330 REPAIR KIT - LC2A180T TOP HOOK
 CPN : 46889358 Codification : RPK-LC2A180TI-T-HOOK



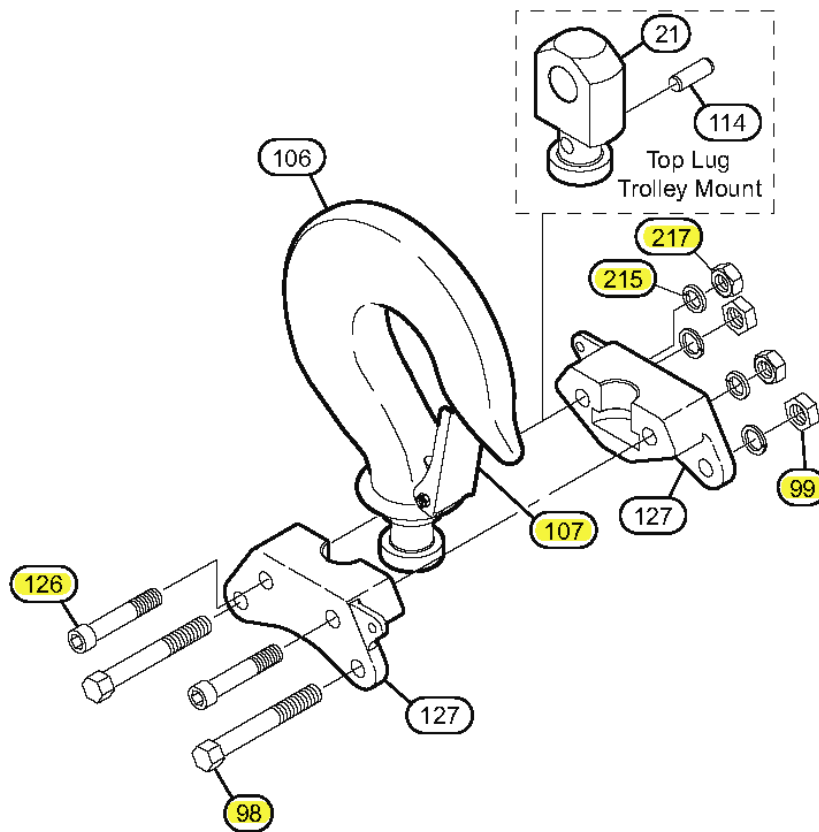
LC2A180T-LC2A250Q Top Hook and Trolley Mount Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			18T Triple	25T Quad
---	Top Hook Assembly	1	7645-0161 (38794624)	7645-0160 (38794640)
---	Trolley Suspension Assembly	1	7649-0136 (38794632)	7649-0135 (38794657)
21	Trolley Suspension Lug	1	9649-0134 (38787420)	9649-0013 (38787362)
98	Capscrew	2	4133-1206 (38553699)	
99	Nut	2	4300-4011 (38541629)	
106	Hook	1	9596-8135 (38576336)	9623-8233 (38576344)
107	Hook Latch Kit	1	9596-0136 (38576575)	9623-0235 (38576583)
114	Pin	1	4600-2216 (38547089)	
126	Capscrew	2	4133-1206 (38553699)	
127	Half Hook Support	[]	9645-0146 (38785036) [1]	9645-0144 (38785028) [2]
128	Half Hook Support	1	9645-0147 (38785044)	---
215	Lockwasher	4	4520-1120 (38634283)	4520-1020 (38541611)
217	Nut	2	4300-4011 (38541629)	
---	RPK Top Hook	1	7650-0330 (46889358)	7650-0332 (46889374)

Parts not shown :

Qty 2 Screw M20-240 P/N 4102-4201 (38783262)

P/N : 7650-0332 REPAIR KIT - LC2A250Q TOP HOOK
 CPN : 46889374 Codification : RPK-LC2A250QI-T-HOOK



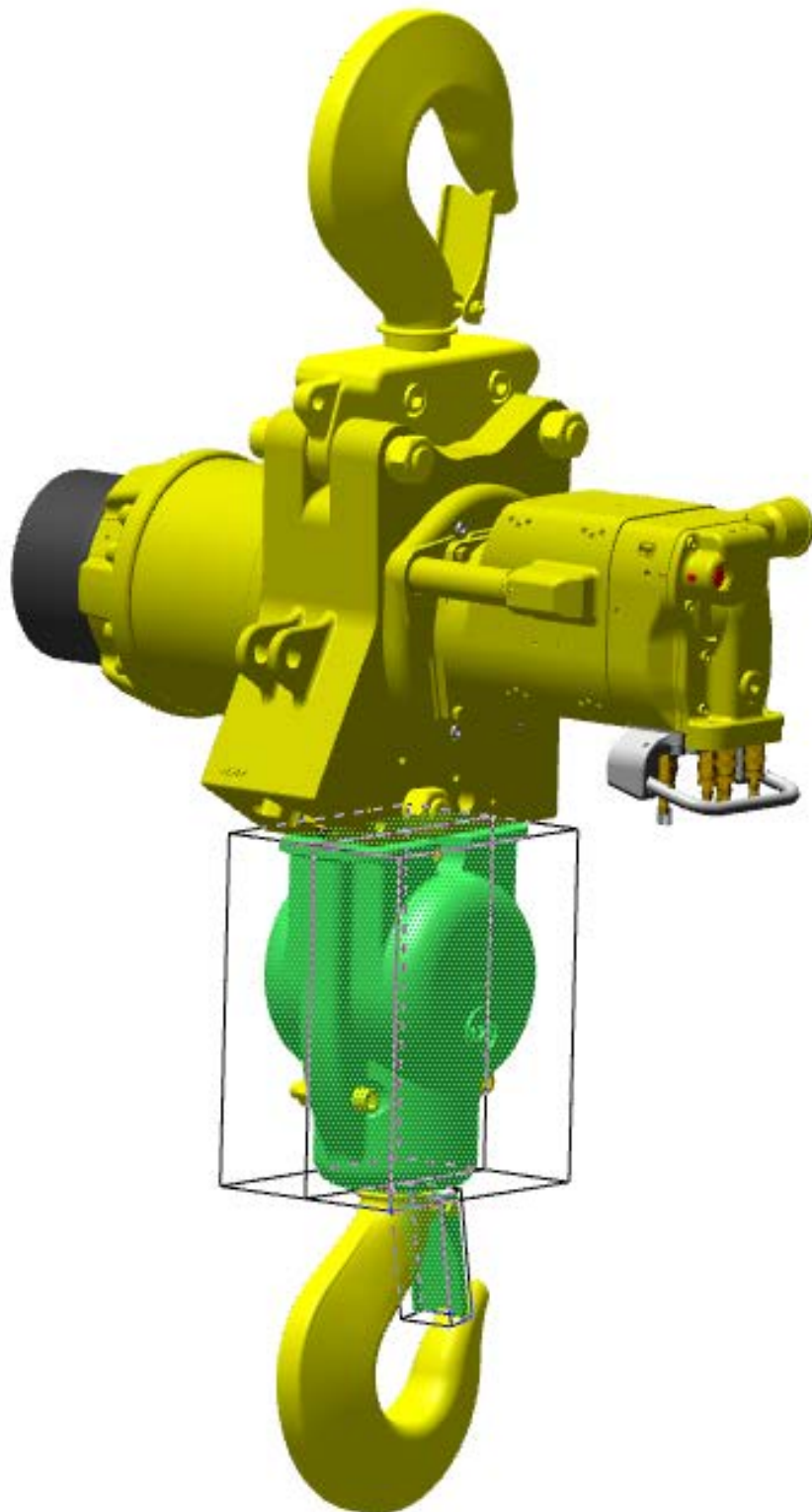
LC2A180T-LC2A250Q Top Hook and Trolley Mount Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			18T Triple	25T Quad
---	Top Hook Assembly	1	7645-0161 (38794624)	7645-0160 (38794640)
---	Trolley Suspension Assembly	1	7649-0136 (38794632)	7649-0135 (38794657)
21	Trolley Suspension Lug	1	9649-0134 (38787420)	9649-0013 (38787362)
98	Capscrew	2	4133-1206 (38553699)	
99	Nut	2	4300-4011 (38541629)	
106	Hook	1	9596-8135 (38576336)	9623-8233 (38576344)
107	Hook Latch Kit	1	9596-0136 (38576575)	9623-0235 (38576583)
114	Pin	1	4600-2216 (38547089)	
126	Capscrew	2	4133-1206 (38553699)	
127	Half Hook Support	[]	9645-0146 (38785036) [1]	9645-0144 (38785028) [2]
128	Half Hook Support	1	9645-0147 (38785044)	---
215	Lockwasher	4	4520-1120 (38634283)	4520-1020 (38541611)
217	Nut	2	4300-4011 (38541629)	
---	RPK Top Hook	1	7650-0330 (46889358)	7650-0332 (46889374)

Parts not shown :

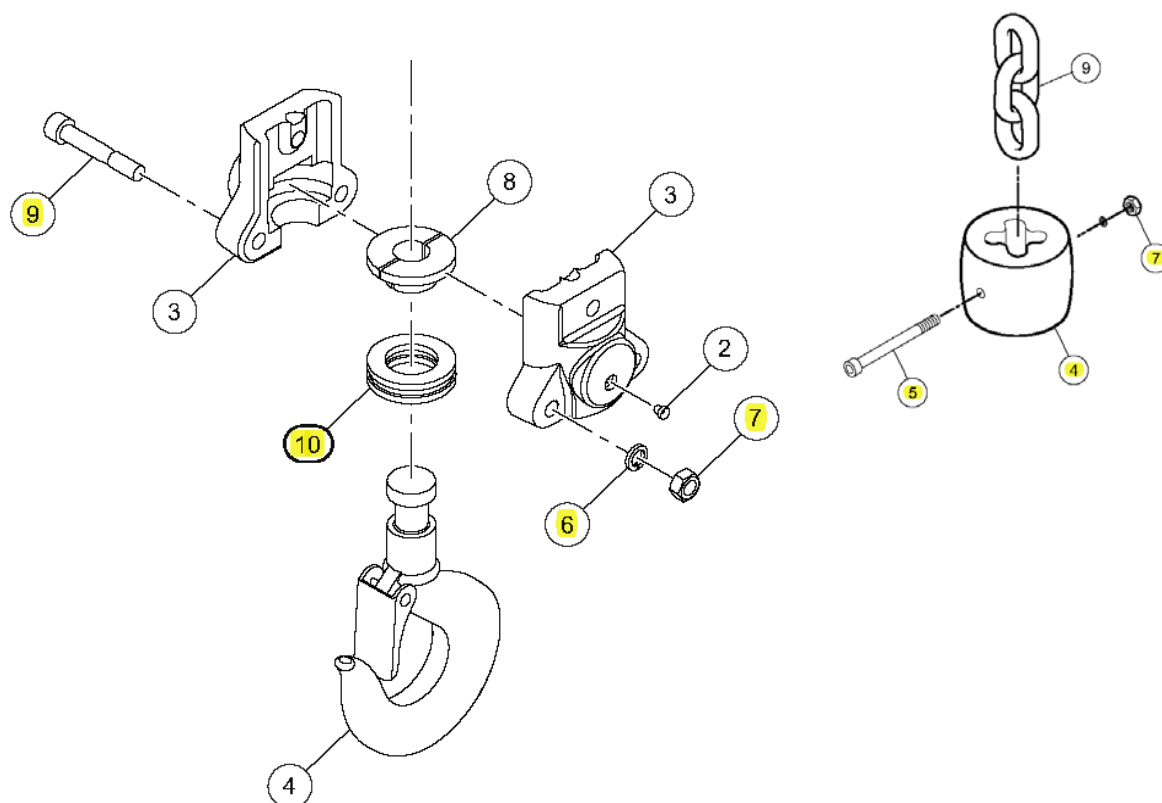
Qty 2 Screw M20-240 P/N 4102-4201 (38783262)

BOTTOM HOOKS and BOTTOM BLOCKS REPAIR and REBUILD KITS



P/N : 7650-0317 REPAIR KIT - LC2A010S/015S BOTTOM HOOK

CPN : 46889226 Codification : RPK-LC2A015SI-B-HOOK

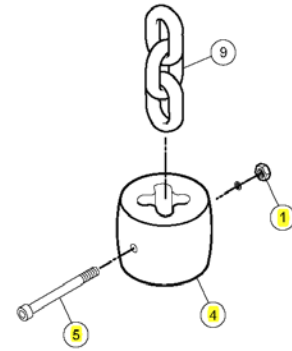
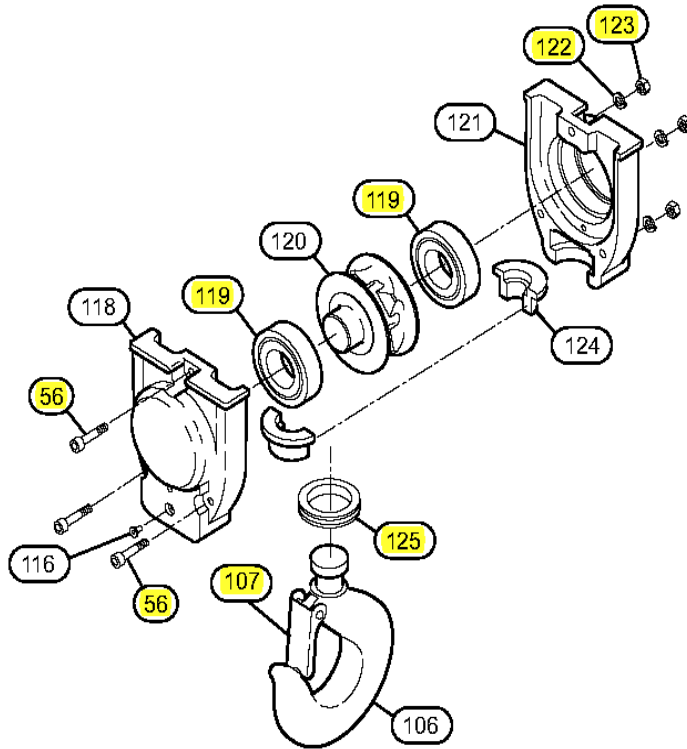


1T-1.5T Single Fall Capacity Bottom Block Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)			
			1.5T Single		1T Single	
			Standard	Option T1	Standard	Option T1
7	Nut	3	4300-3511 (38633079)			
4	Hook	1	9644-0779 (38796173)	96440919 (46886032)	9652-2452 (47614208001)	9652-3180 (47517356001)
9	Screw	3	4132-6406 (38632246)			
5	Limit Stop Washer	1	9644-3150 (38752523)			
8	Ring	1	9644-0778 (38796181)			
3	Hook Block	2	9652-2081 (46897260)	9652-2082 (46897310)	9652-2453 (47614209001)	9652-3179 (47517357001)
10	Thrust Bearing	1	5400-0005 (38637922)			
1	Chain	1	3853-2172 (69089432)			
2	Grease Fitting	2	6710-2627 (38545562)			
6	Lockwasher	3	4520-1008 (38543484)			
—	RPK Bottom Hook	1	7650-0317 (46889226)			
4	Buffer	1	9644-3191 (38748687)			
5	Capscrew	1	4133-1706 (38564811)			
7	Nut	1	75582M			

Parts not shown :

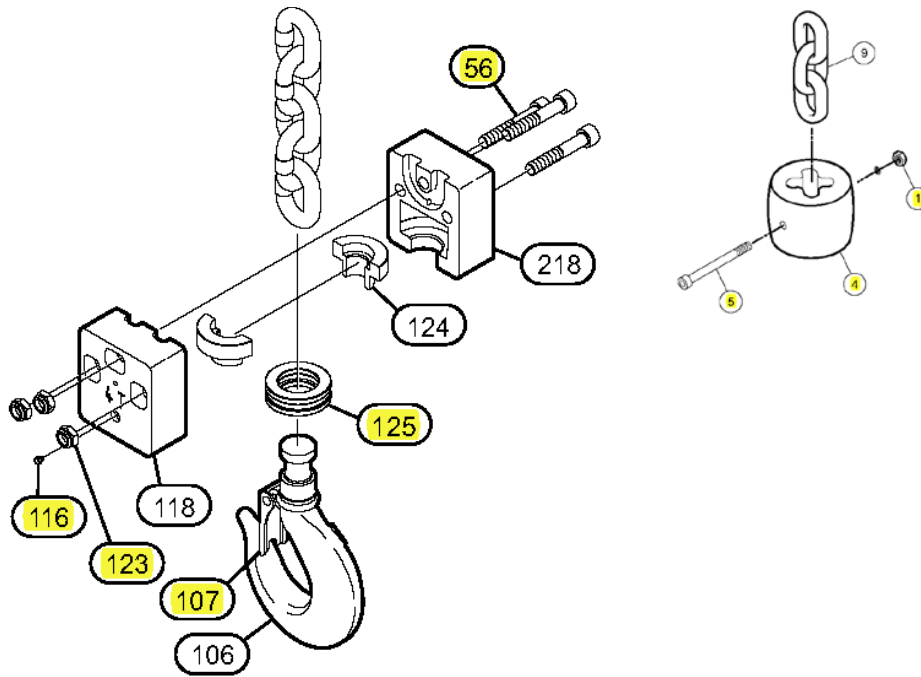
Qty 1 Safety Latch P/N 9424-0364 (38576542)

P/N : 7650-0319 REPAIR KIT - LC2A020D/30D BOTTOM BLOCK
CPN : 46889242 Codification : RPK-LC2A030DI-B-BLOCK

**P/N : 7650-0475 REBUILD KIT
LC2A030D BOTTOM BLOCK**
CPN : 47540933001
Codification : RBK-LC2A030DI-B-BLOCK
is composed of :
Qty 1 p/n 7650-0325 Repair Kit
Qty 1 item 120 p/n 9645-0127 Sprocket wheel
2T-3T Double Fall Capacity Bottom Block Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)			
			3T Double		2T Double	
			Standard	Option T1	Standard	Option T1
56	Capscrew	3	4132-6706 (38632261)			
106	Hook	1	9424-8357 (38576302)	9424-8390 (38579926)	9424-0495 (46884557)	9424-0494 (46884540)
107	Hook Latch	1	9424-0365 (38576559)		— — —	— — —
116	Grease Fitting	1	6710-2627 (38545562)			
118	Half Hook Block	1	9424-0289 (38545646)	9424-0388 (38579884)	9424-0500 (46894929)	9424-0493 (46884532)
119	Bearing	2	5025-0005 (38525671)			
120	Sprocket	1	9424-0056 (38525663)			
121	Half Hook Block	1	9424-0288 (38545638)	9424-0387 (38579876)	9424-0499 (46894911)	9424-0492 (46884524)
122	Lockwasher	3	4520-1008 (38543484)			
123	Nut	3	4300-3511 (38633079)			
124	Ring, (2 piece)	1	9424-7291 (38545687)			
125	Thrust Bearing	1	5400-0006 (38545711)			
—	RPK Bottom Hook	1	7650-0319 (46889242)			
—	RBK Bottom Hook	1	47540933001			
1	Nut	1	4370-6511 (38633491)			
4	Buffer	1	9644-3191 (38748687)			
5	Capscrew	1	4133-1706 (38564811)			

P/N : 7650-0321 REPAIR KIT - LC2A030S/040S BOTTOM HOOK

CPN : 46889267 Codification : RPK-LC2A040SI-B-HOOK


3T, 4T and 6T Single Fall Capacities Bottom Block Assembly Parts List

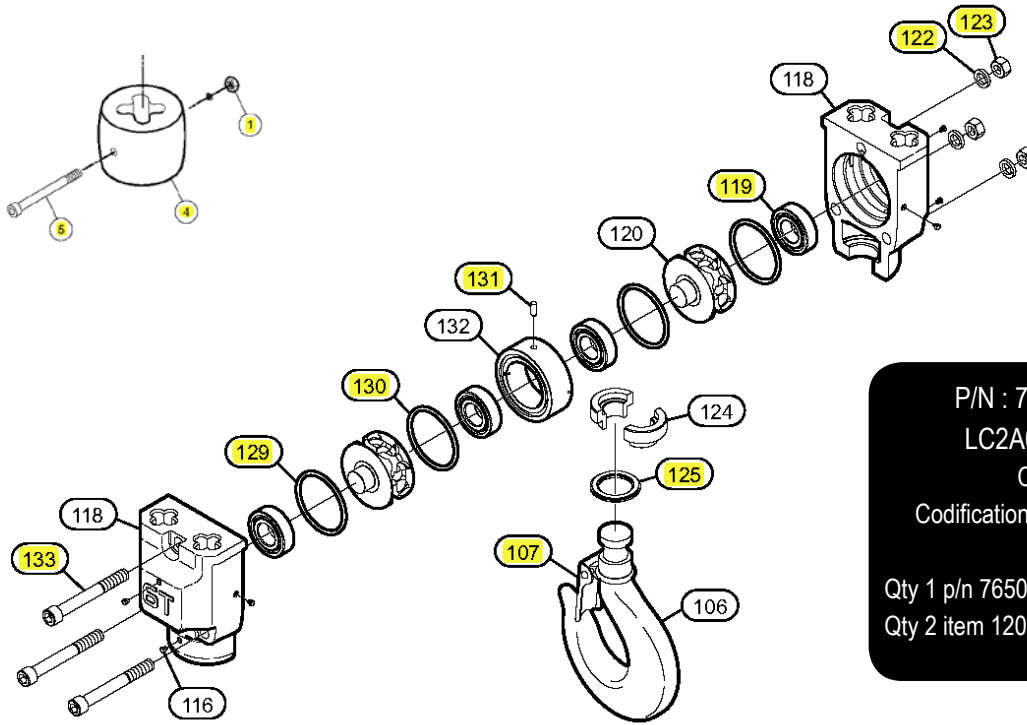
Item No.	Description of Part	Total Qty	Part Number (CCN)					
			4T Single		6T Single		3T Single	
			Standard	Option T1	Standard	Option T1	Standard	Option T1
---	Bottom Block Assembly	1	7645-0118 (38794681)	7645-0315 (38795043)	7526-0100 (38564365)	7526-7245 (38794699)	---	---
44	Lockwasher	[]	---		4520-1020 (38564365) [1]	4520-1010 (38519971) [2]	---	
56	Capscrew	[]	4132-3306 (38631990) [3]		9526-0037 (38524633) [1]	4133-0006 (38519971) [2]	4132-3306 (38631990) [3]	
106	Hook	1	9645-0120 (38781654)	9645-0249 (38787826)	9412-8459 (38576310)	9412-8559	9424-8357 (38576302)	9424-8390 (38579926)
107	Hook Latch Kit	1	9424-0365 (38576559)		9412-0460 (38576567)		---	
116	Greaser	1	6710-2627 (38545562)				---	
118	Half Hook Block	1	9645-0117 (38779757)	9645-0252 (38787859)	9526-0138 (38546206)	9526-8246 (38617445)	9645-1533 (47633287001)	9645-1538 (47633293001)
123	Nut	[]	75583M (54173083) [3]		4300-4011 (38541629) [1]	4300-6911 (38539284) [2]	75583M (58250747) [3]	
124	Ring, (2 Piece)	1	9645-0115 (38779732)		9412-7398 (38545836)		9645-0115 (38779732)	
125	Thrust Bearing	1	5400-0106 (38779765)		5470-0007 (38546149)		5400-0106 (38779765)	
1	Nut	1	4370-6511 (38633491)					
4	Buffer	1	9644-3191 (38748687)					
5	Capscrew	1	4133-1706 (38564811)					

Parts not shown :

Qty 1	Locknut	P/N 75582M (58250739)
Qty 1	Screw	P/N 70926M (58250838)

P/N : 7650-0393 REPAIR KIT - LC2A060Q BOTTOM BLOCK

CPN : 47539570001 Codification : RPK-LC2A060QI-B-BLOCK



P/N : 7650-0394 REBUILD KIT
LC2A060Q BOTTOM BLOCK
CPN : 47539571001
Codification : RBK-LC2A060QI-B-BLOCK
is composed of :
Qty 1 p/n 7650-0393 Repair Kit
Qty 2 item 120 Sprocket wheel

LC2A060Q Bottom Block Hook Assembly Parts List (continued)

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			6T Quad	
			Standard	Option T1
107	Hook Latch Kit	1	9412-0460 (38576567)	
116	Grease Fitting	6	6710-2627 (38545562)	
118	Half Hook Block	2	9644-3325 (38757845)	9644-3394 (38759668)
119	Bearing	4	5120-0005 (38637476)	
120	Sprocket	1	7650-0394 (47539571001)	
122	Lockwasher	3	4520-1012 (38540696)	
123	Nut	3	4300-3611 (38540662)	
124	Ring (2 piece)	1	9412-7398 (38545836)	
125	Thrust Bearing	1	5470-0007 (38546149)	
129 (a)	O' Ring	2	5823-9029 (38758181)	
130 (a)	Quad Ring	2	5823-8929 (38757746)	
131	Pin	1	4600-1116 (38522231)	
132	Center Ring	1	9644-3326 (38757613)	
133	Capscrew	3	4132-2006 (38631941)	
1	Nut	1	4370-6511 (38633491)	
4	Buffer	1	9644-3191 (38748687)	
5	Capscrew	1	4133-1706 (38564811)	

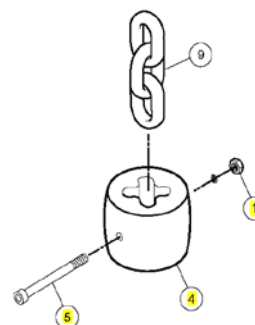
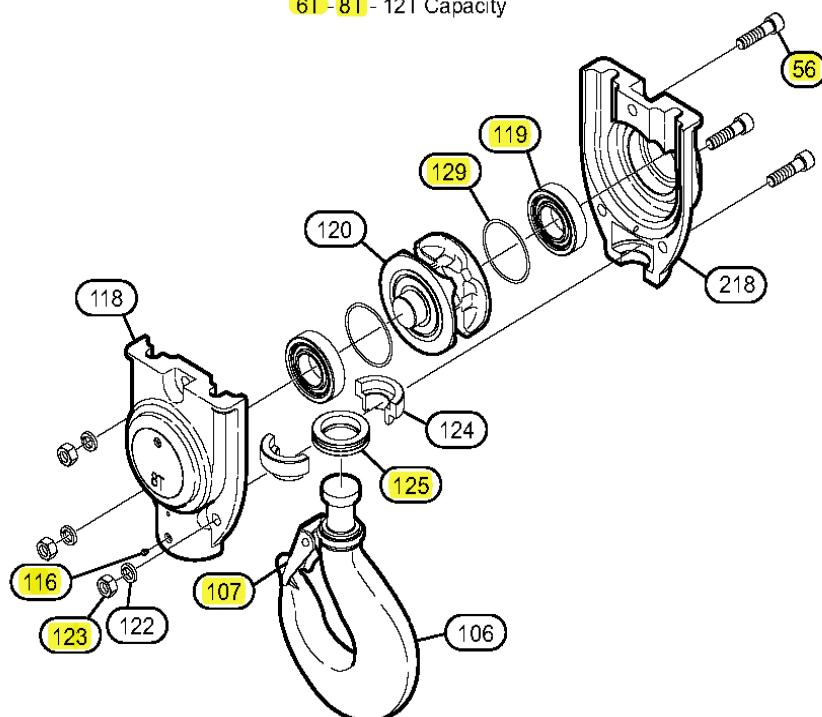
Parts not shown :

Qty 1	Washer	P/N 4500-1106 (38543468)
Qty 1	Screw M6-10	P/N 4120-1604 (38597522)
Qty 1	Screw M8-40	P/N 4132-6706 (38632261)
Qty 1	Suspension axle	P/N 9644-3244 (38753067)

P/N : 7650-0325 REPAIR KIT - LC2A060D/80D BOTTOM BLOCK

CPN : 46889309 Codification : RPK-LC2A080DI-B-BLOCK

6T - 8T - 12T Capacity

P/N : 7650-0476 REBUILD KIT
LC2A060D/080D BOTTOM BLOCK

CPN : 47540934001

Codification : RBK-LC2A080DI-B-BLOCK

is composed of :

Qty 1 p/n 7650-0325 Repair Kit

Qty 1 item 120 p/n 9645-0127 Sprocket wheel

6T, 8T and 12T Double Fall Capacities Bottom Block Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)						
			8T Double		12T Double		6T Double		
			Standard	Option T1	Standard	Option T1	Standard	Option T1	
---	Bottom Block Assembly	1	7645-0123 (38794715)	7645-0314 (38795035)	7526-0356 (38794723)	7526-7248 (38794731)	---		
44	Lockwasher	3	4520-1012 (38540696)						
56	Capscrew	3	4132-4406 (38632097)		4131-0306 (38525507)		4132-4406 (38632097)		
106	Hook	1	9645-0124 (38779922)	9645-0250 (38787842)	9623-8234 (38576351)	9623-8263 (38590741)	9645-1454 (47607804001)	9645-0523 (46885604)	
107	Hook Latch Kit	1	9645-0316 (38795068)		9623-0236 (38576591)		9645-0316 (38795068)		
116	Greaser	1	6710-2627 (38545562)						---
118	Half Hook Block	1	9645-0125 (38779963)	9645-0253 (38787867)	9526-0352 (38779823)	9526-7203 (38590758)	9645-1455 (47607805001)	9645-0521 (46885612)	
119	Bearing	2	5120-0007 (38527230)		5120-0009 (38637500)		5120-0007 (38527230)		
120	Sprocket	1	9645-0127 (38779971)		9590-8069 (38553301)		9645-0127 (38779971)		
123	Nut	3	4300-3611 (38540662)						
124	Ring, (2 Piece)	1	9645-0126 (38779948)		9623-7014 (38741294)		9645-0126 (38779948)		
125	Thrust Bearing	1	5470-0041 (38779997)		5470-0013 (38542023)		5470-0041 (38779997)		
129 (a)	O' Ring	2	5821-0429 (38533238)		5823-2329 (38533873)		5821-0429 (38533238)		

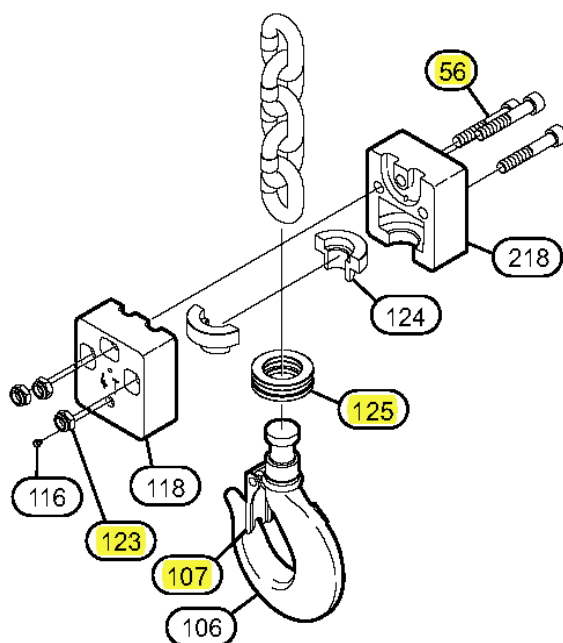
4	Buffer	1	9412-0119 (38523031)
5	Capscrew	1	70926M (58250838)
7	Nut	1	75582M

Parts not shown :

Qty 1	Screw M14x110	P/N 4132-9106 (38632436)
Qty 1	Washer M14	P/N 4520-1014 (38634234)
Qty 2	Nut M14	P/N 4300-5811 (38530408)

P/N : 7650-0327 REPAIR KIT - LC2A060S BOTTOM HOOK

CPN : 46889325 Codification : RPK-LC2A060SI-B-HOOK



3T, 4T and 6T Single Fall Capacities Bottom Block Assembly Parts List

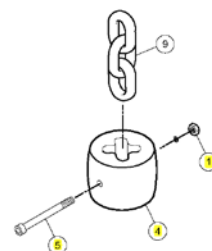
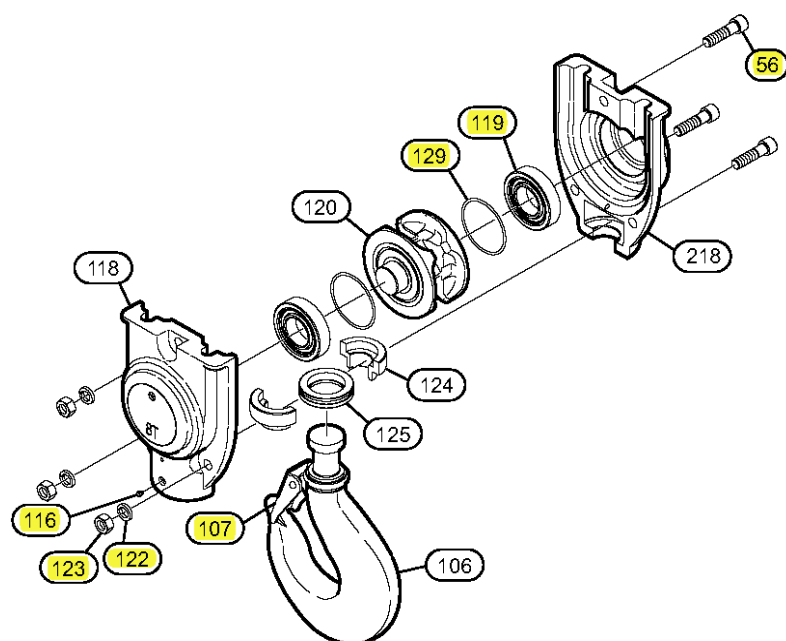
Item No.	Description of Part	Total Qty	Part Number (CCN)					
			4T Single		6T Single		3T Single	
			Standard	Option T1	Standard	Option T1	Standard	Option T1
---	Bottom Block Assembly	1	7645-0118 (38794681)	7645-0315 (38795043)	7526-0100 (38564365)	7526-7245 (38794699)	---	---
44	Lockwasher	[]	---		4520-1020 (38564365) [1]	4520-1010 (38519971) [2]	---	
56	Capscrew	[]	4132-3306 (38631990) [3]		9526-0037 (38524633) [1]	4133-0006 (38519971) [2]	4132-3306 (38631990) [3]	
106	Hook	1	9645-0120 (38781654)	9645-0249 (38787826)	9412-8459 (38576310)	9412-8559	9424-8357 (38576302)	9424-8390 (38579926)
107	Hook Latch Kit	1	9424-0365 (38576559)		9412-0460 (38576567)		---	
116	Greaser	1	6710-2627 (38545562)				---	
118	Half Hook Block	1	9645-0117 (38779757)	9645-0252 (38787859)	9526-0138 (38546206)	9526-8246 (38617445)	9645-1533 (47633287001)	9645-1538 (47633293001)
123	Nut	[]	75583M (54173083) [3]		4300-4011 (38541629) [1]	4300-6911 (38539284) [2]	75583M (58250747) [3]	
124	Ring, (2 Piece)	1	9645-0115 (38779732)		9412-7398 (38545836)		9645-0115 (38779732)	
125	Thrust Bearing	1	5400-0106 (38779765)		5470-0007 (38546149)		5400-0106 (38779765)	
218	Half Hook Block	1	9645-0116 (38779740)	9645-0251 (38787875)	9526-0139 (38546198)	9525-8247	9645-1532 (47633288001)	9645-1537 (47633292001)
—	RPK	1	7650-0321 (46889325)		7650-0327 (46889325)			

Parts not shown :

Qty 1	Buffer stop	P/N 9526-0040 (38539565)
Qty 1	Screw M16-65	P/N 4132-1906 (38631933)
Qty 1	Screw M12-100	P/N 4132-2006 (38631941)
Qty 1	Lock Nut M16	P/N 4370-3711 (38633442)
Qty 1	Lock Nut M12	P/N 4370-6311 (38633483)

P/N : 7650-0329 REPAIR KIT - LC2A120D BOTTOM BLOCK

CPN : 46889341 Codification : RPK-LC2A120DI-B-BLOCK

P/N : 7650-0477 REBUILD KIT
LC2A120D BOTTOM BLOCK

CPN : 47540935001

Codification : RBK-LC2A120DI-B-BLOCK

is composed of :

Qty 1 p/n 7650-0329 Repair Kit

Qty 1 item 120 p/n 9645-0127 Sprocket wheel

6T, 8T and 12T Double Fall Capacities Bottom Block Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)						
			8T Double		12T Double		6T Double		
			Standard	Option T1	Standard	Option T1	Standard	Option T1	
---	Bottom Block Assembly	1	7645-0123 (38794715)	7645-0314 (38795035)	7526-0356 (38794723)	7526-7248 (38794731)	---		
44	Lockwasher	3	4520-1012 (38540696)						
56	Capscrew	3	4132-4406 (38632097)		4131-0306 (38525507)		4132-4406 (38632097)		
106	Hook	1	9645-0124 (38779922)	9645-0250 (38787842)	9623-8234 (38576351)	9623-8263 (38590741)	9645-1454 (47607804001)	9645-0523 (46885604)	
107	Hook Latch Kit	1	9645-0316 (38795068)		9623-0236 (38576591)		---		
116	Greaser	1	6710-2627 (38545562)						---
118	Half Hook Block	1	9645-0125 (38779963)	9645-0253 (38787867)	9526-0352 (38779823)	9526-7203 (38590758)	9645-1455 (47607805001)	9645-0521 (46885612)	
119	Bearing	2	5120-0007 (38527230)		5120-0009 (38637500)		5120-0007 (38527230)		
120	Sprocket	1	9645-0127 (38779971)		9590-8069 (38553301)		9645-0127 (38779971)		
123	Nut	3	4300-3611 (38540662)						
124	Ring, (2 Piece)	1	9645-0126 (38779948)		9623-7014 (38741294)		9645-0126 (38779948)		
125	Thrust Bearing	1	5470-0041 (38779997)		5470-0013 (38542023)		5470-0041 (38779997)		
129 (a)	O' Ring	2	5822-8029 (38641130)		5823-2329 (38533873)		5821-0429 (38533238)		

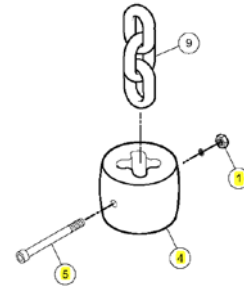
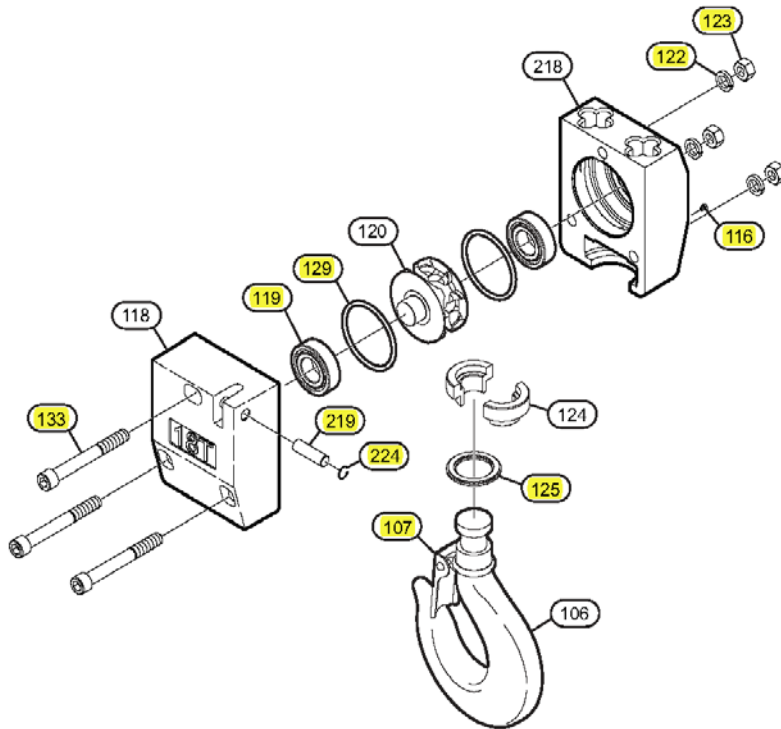
4	Buffer	1	9412-0119 (38523031)	9526-0040 (38539565)
5	Capscrew	1	70926M (58250838)	4132-2006 (38631941)
7	Nut	1	75582M	4370-6311 (38633483)

Parts not shown :

Qty 1	Nut M20	P/N 4300-4011 (38541629)
Qty 1	Screw M16-65	P/N 4132-1906 (38631933)
Qty 1	Screw M20-130	P/N 4133-5806 (47512507001)
Qty 1	Lock Nut M16	P/N 4370-3711 (38633442)
Qty 1	Washer M20	P/N 4520-1120 (38634283)

P/N : 7650-0331 REPAIR KIT - LC2A180T BOTTOM BLOCK

CPN : 46889366 Codification : RPK-LC2A180TI-B-BLOCK


P/N : 7650-0478 REBUILD KIT
LC2A180T BOTTOM BLOCK

CPN : 47540936001

Codification : RBK-LC2A180TI-B-BLOCK

is composed of :

Qty 1 p/n 7650-0331 Repair Kit

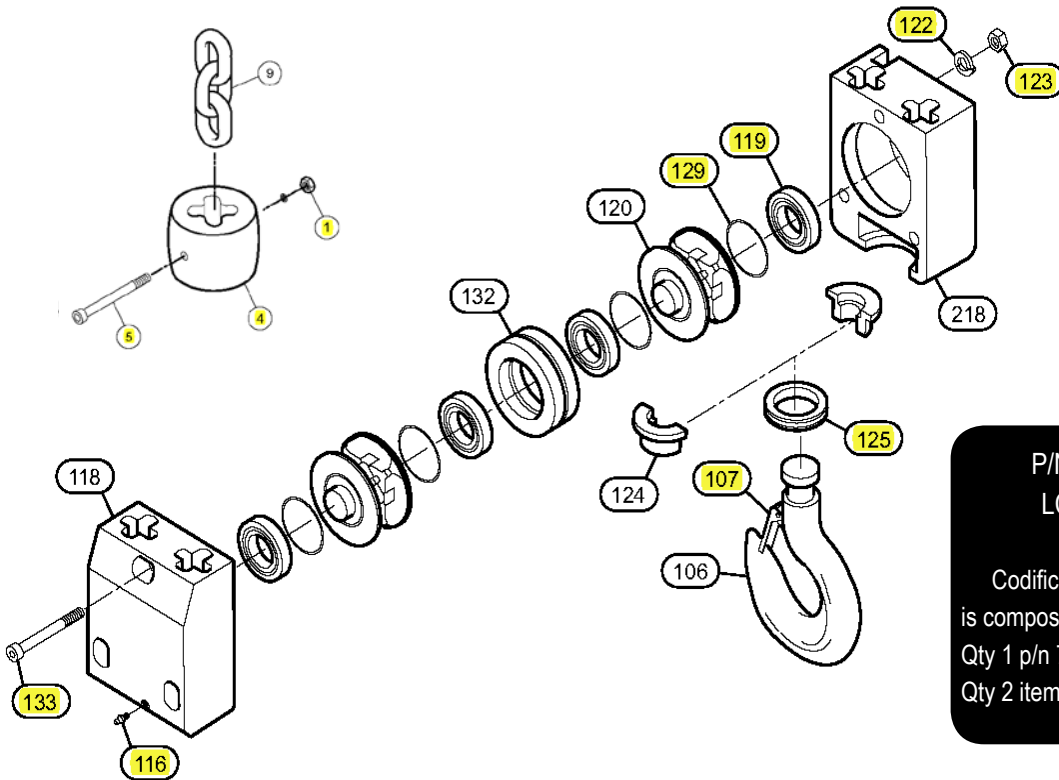
Qty 1 item 120 Sprocket wheel

LC2A180T Bottom Block Assembly Parts List

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			18T Triple	
			Standard	Option T1
---	Bottom Block Assembly	1	7590-0009 (38576211)	7645-0389 (46887527)
106	Hook	1	9596-8135 (38576336)	9645-0393 (46880357)
107	Hook Latch Kit	1	9596-0136 (38576575)	
116	Grease Fitting	1	6710-0827 (38536744)	
118	Half Hook Block	1	9590-7073 (38553376)	9645-0392
119	Bearing	2	5120-0009 (38637500)	
120	Sprocket Wheel (Not Sold Separately)	1	Purchase Kit 7650-0478 (47540936001)	
122	Lockwasher	3	4520-1020 (38541611)	
123	Nut	3	4300-4011 (38541629)	
124	Ring (2 piece)	1	9596-7060 (38732657)	
125	Thrust Bearing	1	5470-0018 (38637955)	
129 (a)	O' Ring	2	5823-2329 (38533873)	
133	Capscrew	3	4133-1206 (38553699)	
218	Half Hook Block	1	9590-7072 (38553350)	9645-0391 (46880332)
219	Anchor Pin	1	9590-7074 (38553392)	
224	Retainer Ring	1	4771-3020 (38553715)	

(a) Recommended spares, 2 years normal operation.

4	Buffer	1	9412-0119 (38523031)	9526-0040 (38539565)
5	Capscrew	1	70926M (58250838)	4132-2006 (38631941)
7	Nut	1	75582M	4370-6311 (38633483)

P/N : 7650-0333 REPAIR KIT - LC2A250Q BOTTOM BLOCK
CPN : 46889382 Codification : RPK-LC2A250QI-B-BLOCK

P/N : 7650-0479 REBUILD KIT
LC2A250Q BOTTOM BLOCK
CPN : 47540937001
Codification : RBK-LC2A250QI-B-BLOCK
is composed of :
Qty 1 p/n 7650-0333 Repair Kit
Qty 2 item 120 Sprocket wheel
LC2A250Q Bottom Block Hook Assembly Parts List (continued)

Item No.	Description of Part	Total Qty	Part Number (CCN)	
			25T Quad	
			Standard	Option T1
107	Hook Latch Kit	1	9623-0235 (38576583)	
116	Grease Fitting	1	6710-0827 (38536744)	
118	Half Hook Block	1	9590-7071 (38553335)	9590-0129
119	Bearing	4	5120-0009 (38637500)	
120	Sprocket Wheel (Not sold Separately)	1	Order Kit 7650-0479 (47540937001)	
122	Lockwasher	3	4520-1020 (38541611)	
123	Nut	3	4300-4011 (38541629)	
124	Ring (2 piece)	1	9623-7026 (38741302)	
125	Thrust Bearing	1	5470-0018 (38637955)	
129 (a)	O' Ring	4	5823-2329 (38533873)	
132	Center Ring	1	9590-0068 (38553293)	
133	Capscrew	3	4133-1106 (38553624)	

4	Buffer	1	9526-0040 (38539565)
5	Capscrew	1	4132-2006 (38631941)
7	Nut	1	4370-6311 (38633483)

Parts not shown :

Qty 1	Screw M16-65	P/N 4132-1906 (38631933)
Qty 1	Lock Nut M16	P/N 4370-3711 (38633442)

NOTES

NOTES



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