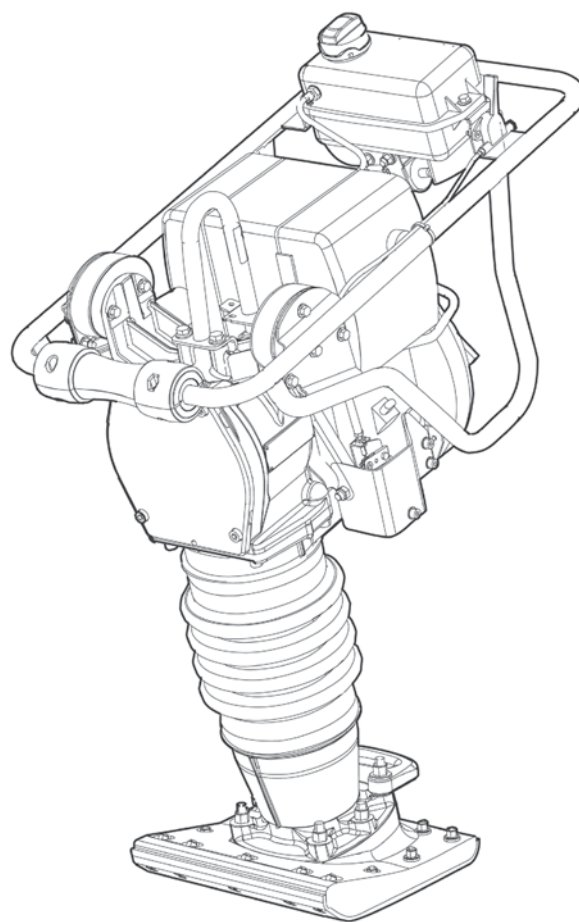


Spare parts list

Rammer

MS 840

	Valid to serial number
MS 840	BGF000001



General information

This spare parts list applies to the following:

Part number	Description
4812 0991 38	Rammer MS 840 280 mm (11 in.)

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability. Any unauthorized use or copying of the contents or any part thereof is prohibited. This applies in particular to trademarks, model denominations, part numbers, and drawings.

Instructions for use

This spare parts list contains no safety regulations and is merely intended to assist in the ordering of spare parts. For information about operating, servicing, or repairing, the relevant Safety and operating instructions must be consulted at all costs. Please observe the safety instructions listed in the relevant Safety and operating instructions!

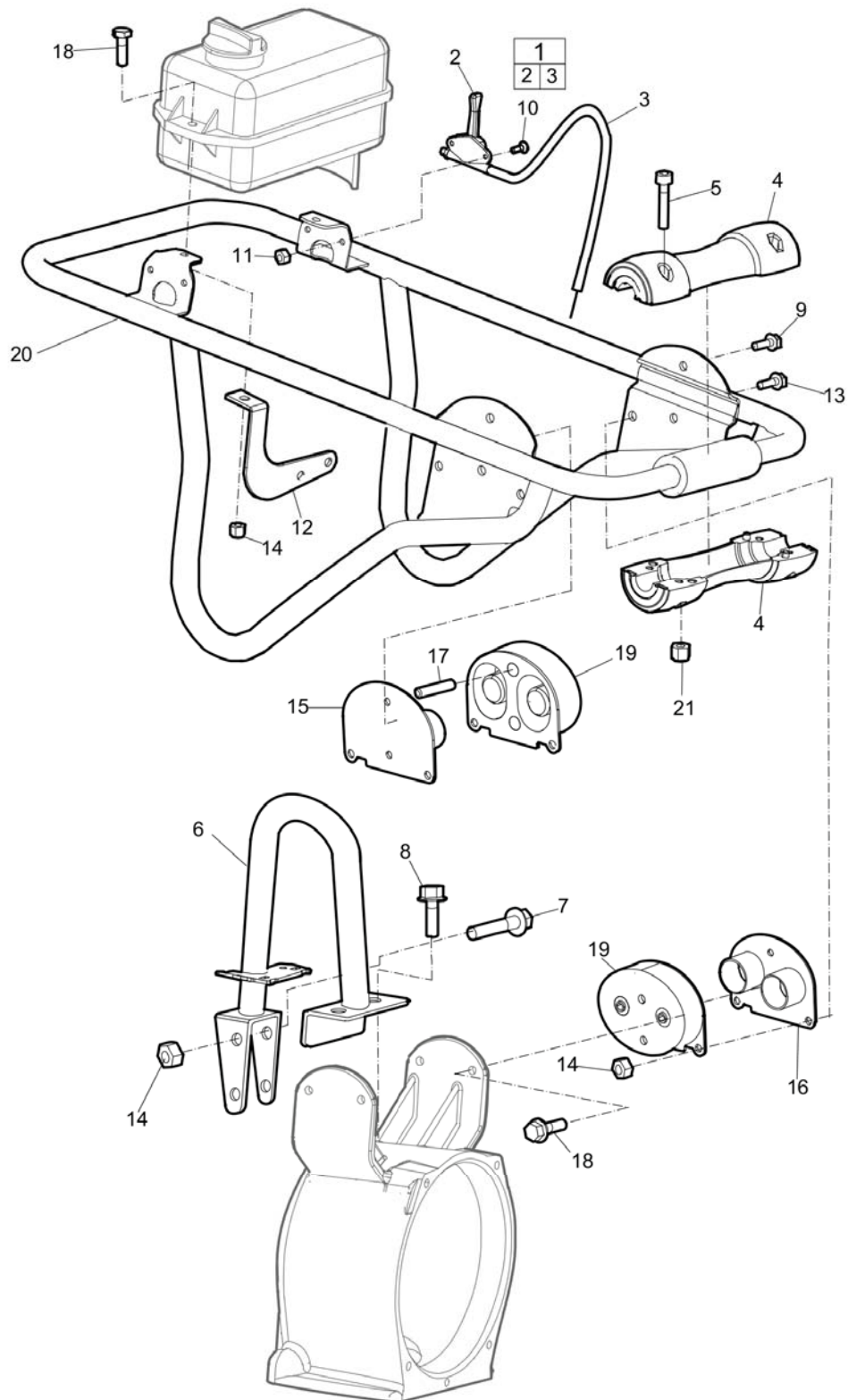
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Kits

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Spare parts list Handle

Refer to Parts Online for the most up to date information. The printed information might be outdated.

Wed Oct 08 05:01:50 MDT 2014

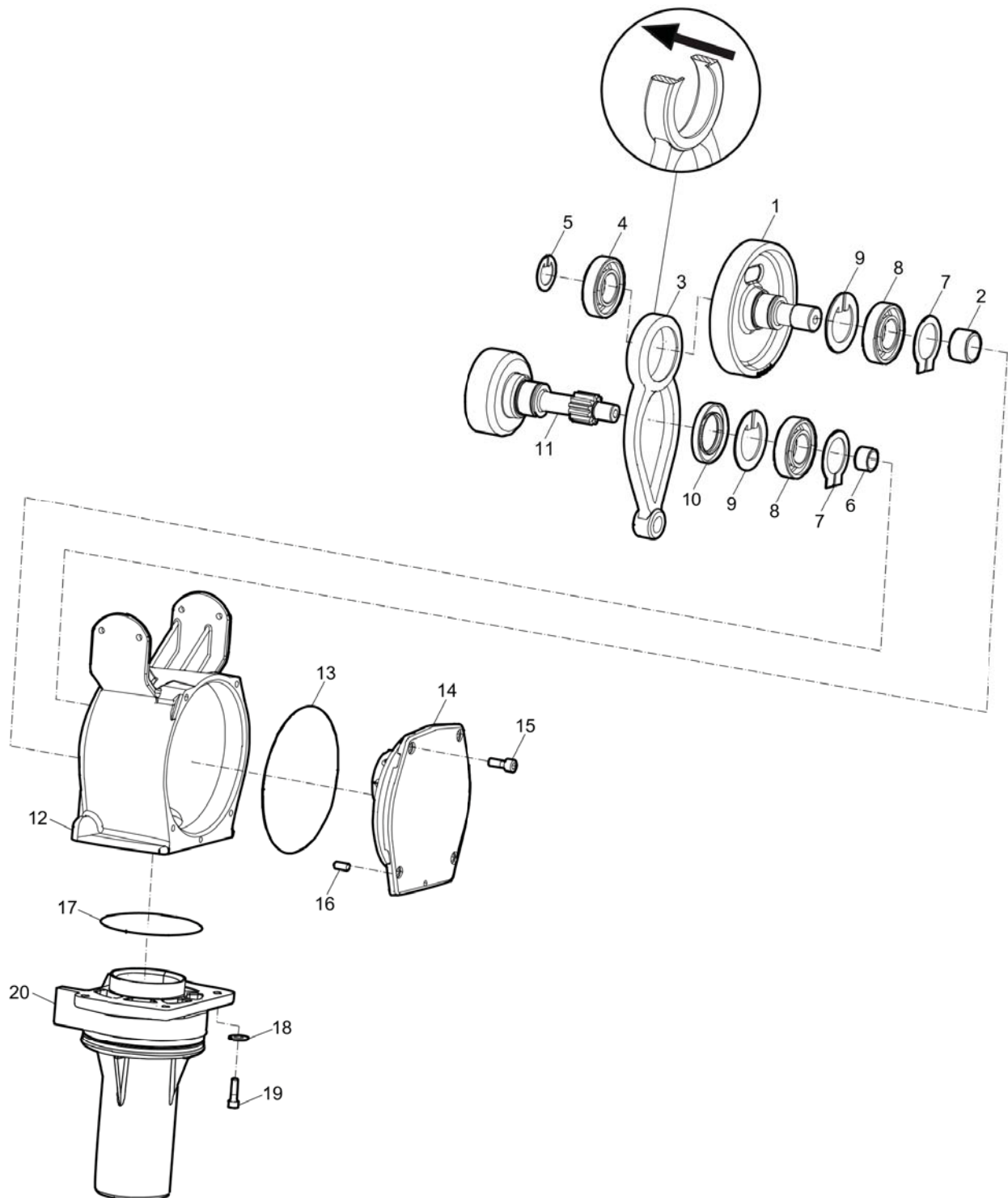
Item	Part No.	Name	Qty	L
1	4700395420	Throttle control, cpl	1	
2	4812155279	Handle	1	
3	4812155280	Control cable, cpl	1	
4	4700384496	Roller	2	
5	-	Screw, M6 x 30 mm 8.8 A2K	4	
6	4700385439	Lifting lug	1	
7	-	Screw, M8 x 50 mm 8.8 A2K	2	
8	-	Screw, M10 x 30 mm 8.8 A3K	2	
9	-	Screw, M8 x 20 mm 8.8 A2K	4	
10	-	Screw, M5 x 18 mm 8.8 A2K	2	
11	-	Nut, M5 A2K	2	
12	4700390462	Bracket	1	
13	-	Screw, M8 x 25 mm 8.8 A2K	4	
14	-	Nut, M8 x 1.25 mm A2K	8	
15	4700386787	Angle stop right side	1	A
16	4700386786	Angle stop left side	1	B
17	4700791323	Cylindric pin	4	
18	-	Screw, M8 x 30 mm 8.8 A2K	6	
19	4700386785	Shock absorber	2	
20	4700386127	Handle	1	
21	-	Nut, M6 ISO7040	4	

Comments for Page: Handle

(L)OCAL REMARKS

A | Right

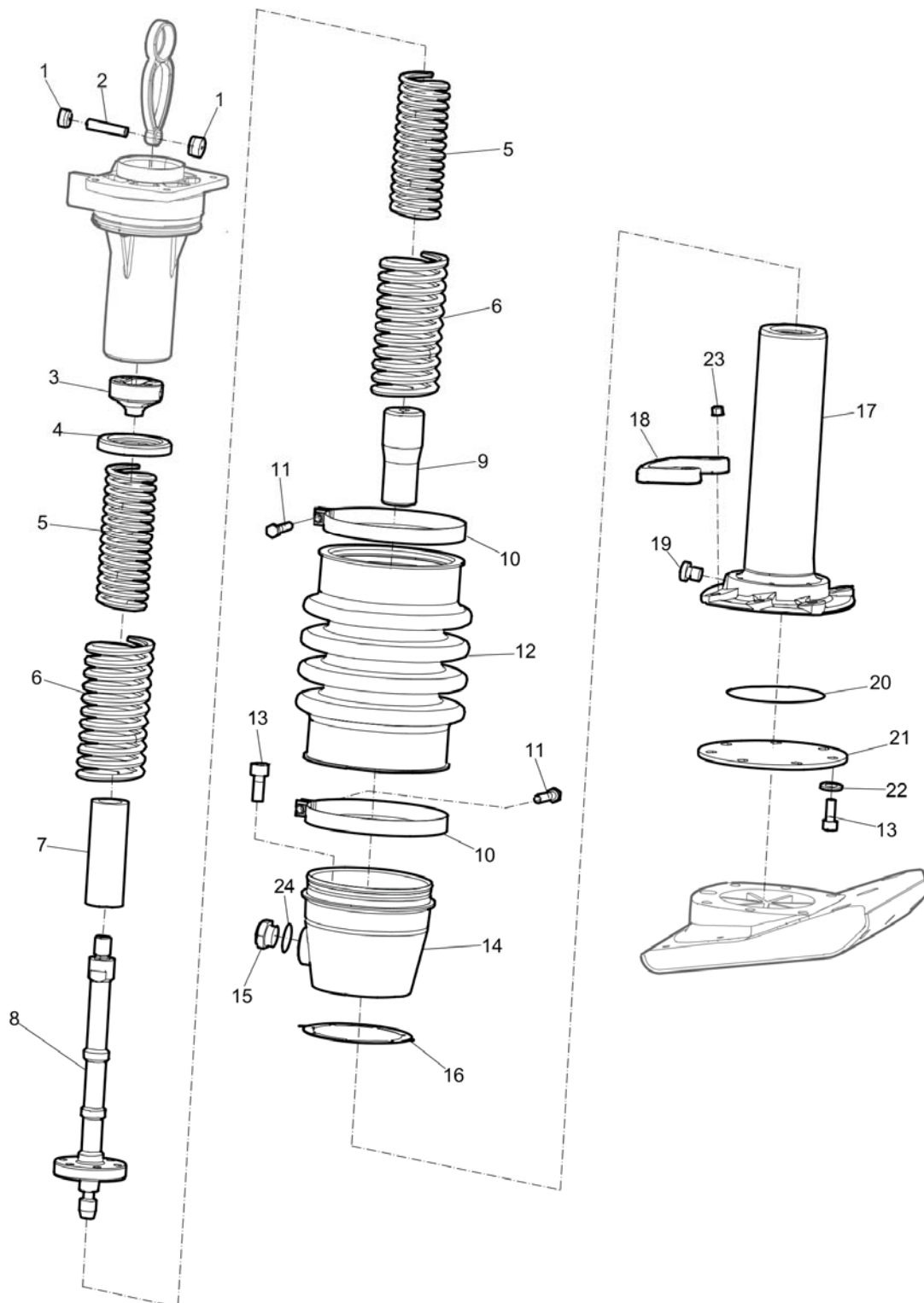
B | Left

Spare parts list Transmission

Refer to Parts Online for the most up to date information. The printed information might be outdated.

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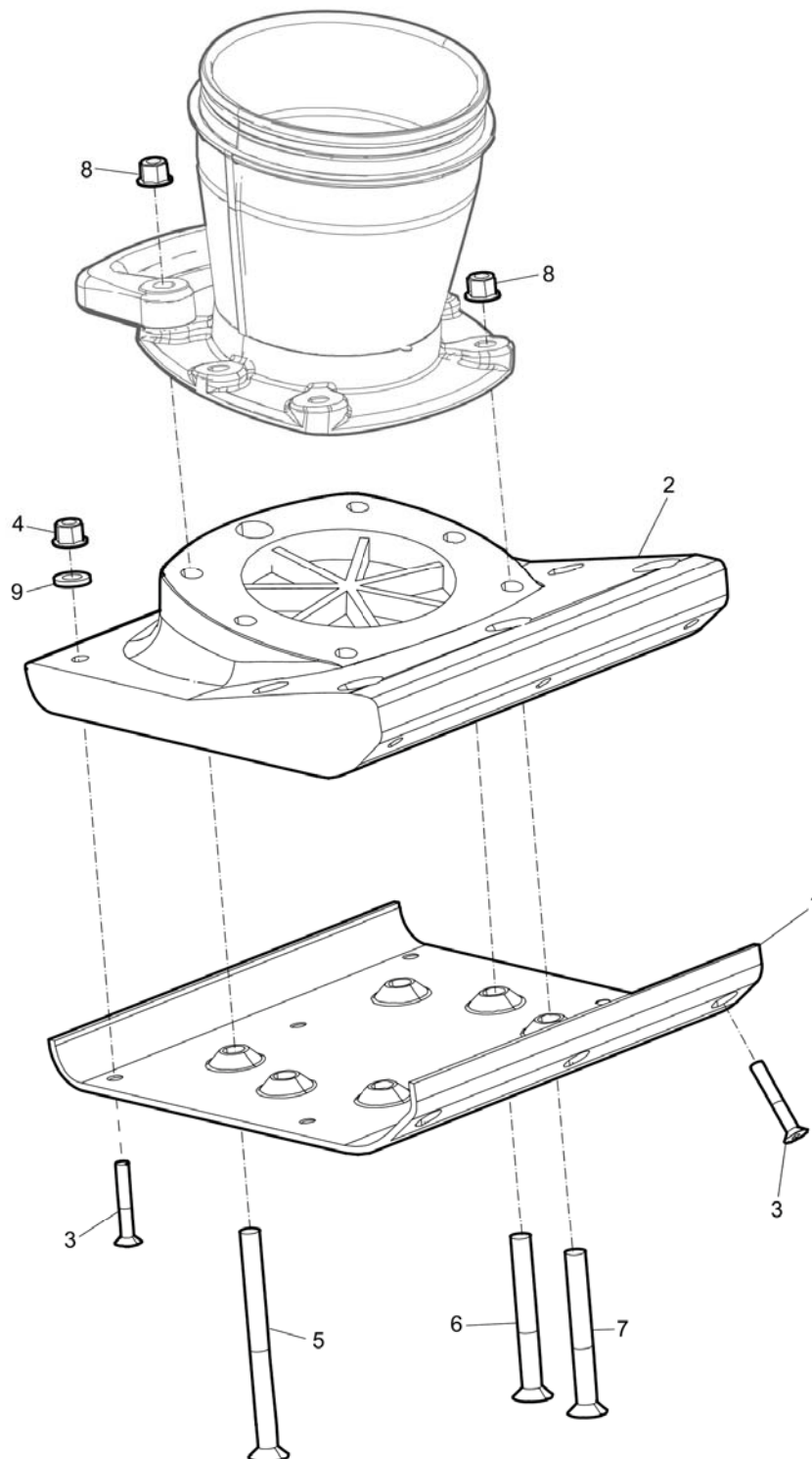
Item	Part No.	Name	Qty	L
1	4700380906	Gear wheel	1	
2	4700904950	Needle bearing	1	
3	4700380920	Connecting rod	1	
4	4700111078	Ball bearing	1	
5	4700150009	Circlip ring	1	
6	4700904949	Needle bearing	1	
7	4700150014	Snap ring	2	
8	4700903520	Bearing	2	
9	4700151025	Snap ring	2	
10	4700904952	Sealing	1	
11	4700381477	Shaft	1	
12	4700388403	Crankcase	1	
13	4700160106	O-ring	1	
14	4700377332	Cover	1	
15	-	Screw, M10 x 25 mm 8.8 A3K	4	
16	4700628006	Pin	1	
17	4700160035	O-ring	1	
18	-	Washer, 10.5 x 22 x 2 mm, 0.41 x 0.87 x 0.08 in. 300 HV	4	
19	-	Screw, M10 x 35 mm 8.8 A3K	4	
20	4700388407	Outer tube	1	

Spare parts list Spring unit

Refer to Parts Online for the most up to date information. The printed information might be outdated.

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Item	Part No.	Name	Qty	L
1	4700381482	Plug	2	
2	4700381479	Piston bolt	1	
3	4700381961	Rod piston head	1	
4	4700383681	Lid	1	
5	4700380895	Spring	2	
6	4700380894	Spring	2	
7	4700380899	Stop	1	
8	4700383668	Rod piston	1	
9	4700380902	Stop	1	
10	4700283631	Hose clamp	2	
11	-	Screw, M8 x 40 mm 8.8 A2K	2	
12	4812070541	Bellows	1	
13	-	Screw, M8 x 20 mm 8.8 A2K	12	
14	4700388409	Bellows support	1	
15	4700791395	Sight plug	1	
16	4700383666	Gasket	1	
17	4700383669	Inner tube	1	
18	4700384416	Handle	1	
19	4700904951	Plug	1	
20	4700160054	O-ring	1	
21	4700382369	Lid	1	
22	4700162009	Seal ring	6	
23	-	Nut, M8 x 1.25 mm A2K	2	
24	4700791376	Fiber washer	1	

Spare parts list Foot 280 mm (11 in.)

Refer to Parts Online for the most up to date information. The printed information might be outdated.

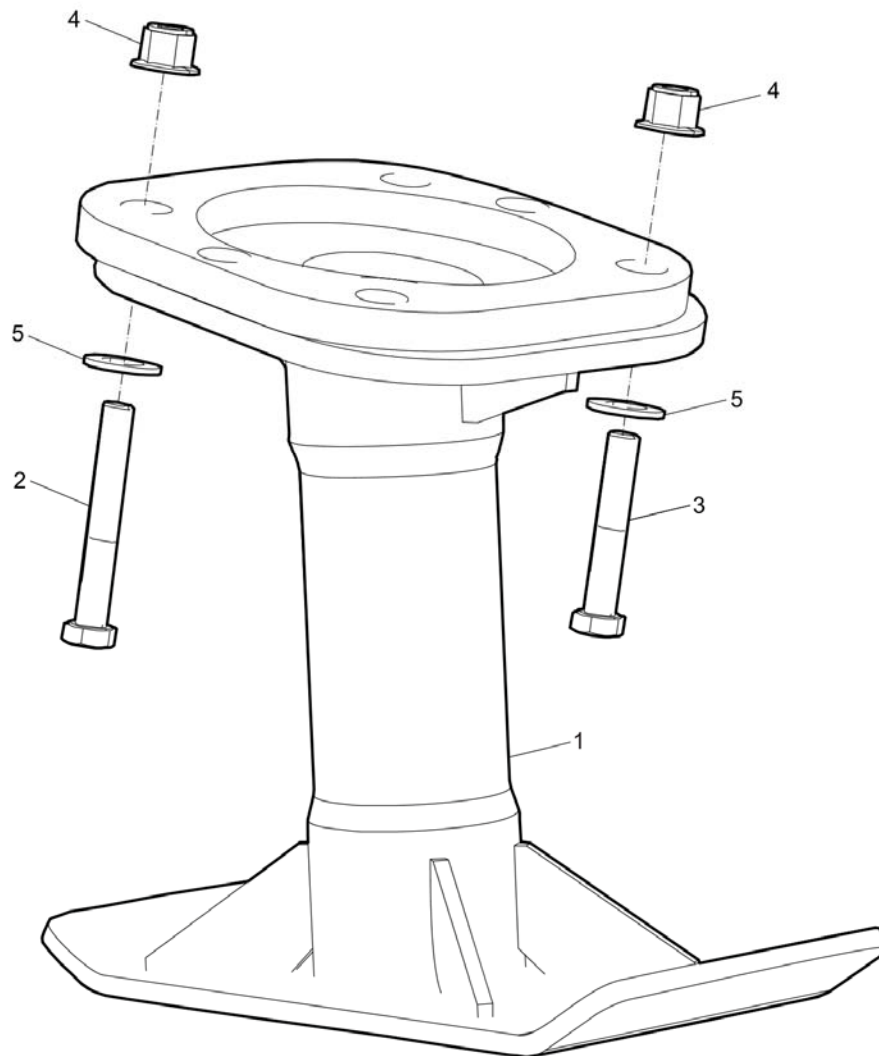
Wed Oct 08 05:01:52 MDT 2014

Item	Part No.	Name	Qty	L
1	4700382371	Ground plate	1	
2	4700382366	Foot	1	
3	4700791331	Screw, M8 x 50 mm NYLOK BLUE PATCH™(Known as TUF-LOK® in Europe)	8	A
4	-	Nut, M8 x 1.25 mm A2K	8	
5	4700791339	Screw, M12 x 150 mm 10.9 GEOMET®	2	B
6	4700791085	Screw, M12 x 100 mm 10.9 GEOMET®	2	B
7	4700791337	Screw, M12 x 110 mm 10.9 GEOMET®	2	B
8	-	Nut, M12 x 1.75 mm A3K	6	
9	-	Washer, 8.4 x 22 x 3 mm, 0.33 x 0.87 x 0.12 in. HV300	8	

Comments for Page: Foot 280 mm (11 in.)

A | NYLOK BLUE PATCH is a trademark of Nylok Corporation. TUF-LOK is a registered trademark of Nylok Corporation in Europe.

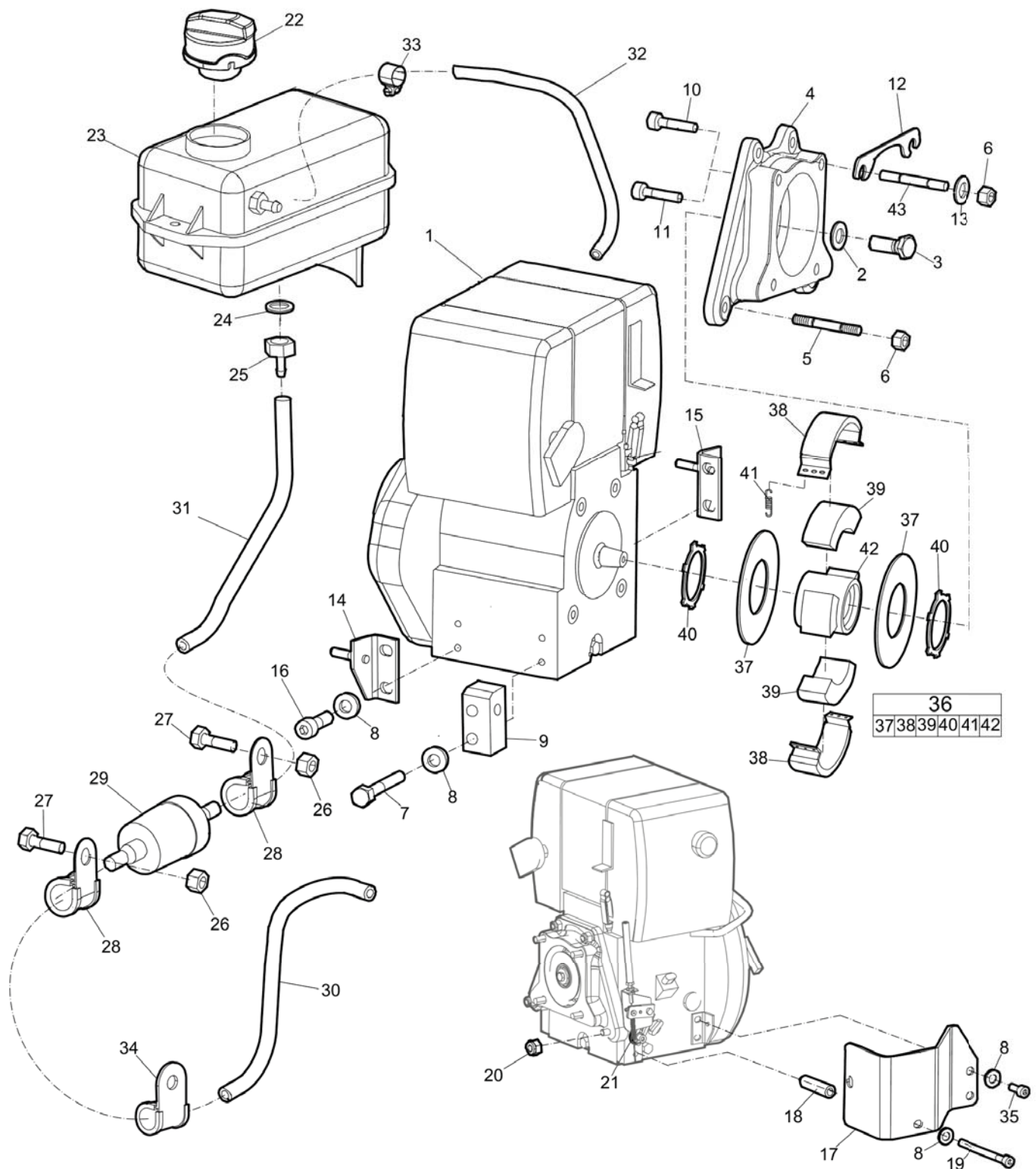
B | GEOMET is a registered trademark of Nof Metal Coatings North America Inc.

Spare parts list Extended foot

Item	Part No.	Name	Qty	L
1	4700389980	Extended foot	1	
2	4700928198	Screw, M12 x 90 mm 10.9 GEOMET®	2	A
3	4700903735	Screw, M12 x 70 mm 10.9 GEOMET®	4	A
4	-	Nut, M12 x 1.75 mm A3K	6	
5	-	Washer, 13 x 24 x 2 mm, 0.51 x 0.98 x 0.08 in. 300 HV	6	

Comments for Page: Extended foot

A | GEOMET is a registered trademark of Nof Metal Coatings North America Inc.

Spare parts list Engine installation

Refer to Parts Online for the most up to date information. The printed information might be outdated.

Wed Oct 08 05:01:54 MDT 2014

Item	Part No.	Name	Qty	L
1	3382011019	Engine	1	A
2	-	Washer, 8.4 x 26 x 4 mm, 0.33 x 1.02 x 0.16 in. 300 HV	1	
3	-	Screw, M8 x 25 mm 8.8 A2K	1	
4	4700387883	Adapter	1	
5	4700387444	Stud	2	
6	4700586018	Lock nut M10	3	
7	-	Screw, M8 x 40 mm 8.8 A2K	2	
8	-	Washer, 8.4 x 16 x 1.5 mm, 0.33 x 0.63 x 0.06 in. 300 HV	8	
9	4700382363	Bracket	2	
10	-	Screw, M10 x 45 mm 8.8 A3K	4	E
11	0211110478	Screw, M10 x 45 mm 10.9	4	F
12	4700387727	Support washer	1	
13	-	Washer, 10.5 x 22 x 2 mm, 0.41 x 0.87 x 0.08 in. 300 HV	1	
14	4700388374	Bracket	1	B
15	4700388373	Bracket	1	C
16	-	Screw, M8 x 20 mm 8.8 A2K	4	
17	3382012631	Cover	1	
18	4700393826	Spacer	1	
19	-	Screw, M8 x 100 mm 8.8 A2K	1	
20	4700791172	Lock nut M10 DIN985	1	
21	-	Washer, 8.4 x 25 x 2 mm, 0.33 x 0.98 x 0.12 in.	1	
22	4700950307	Filler cap	1	
23	4812070136	Fuel tank	1	
24	-	Fibre washer, 17 x 23 x 1.5 mm, 0.67 x 0.91 x 0.06 in.	1	
25	4700385839	Nipple	1	
26	-	Lock nut, M8 x 1.25 mm A2K	2	
27	-	Screw, M8 x 20 mm 8.8 A2K	2	
28	4700921119	Pipe clamp	2	
29	4700937430	Fuel filter	1	
30	4700945778	Fuel hose	1	
31	4700950241	Fuel hose	1	
32	4700945780	Fuel hose	1	
33	4700904394	Hose clamp	1	
34	-	Hose clamp	1	D
35	-	Screw, M8 x 20 mm 8.8 A2K	2	
36	4700381962	Clutch, cpl	1	
.37	4700239820	Cover	2	

Refer to Parts Online for the most up to date information. The printed information might be outdated.

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Item	Part No.	Name	Qty	L
.38	4700938289	Clutch lining	2	
39	--	Centrifugal weight	2	
40	4700239734	Retaining ring	2	
41	4700937954	Spring	2	
42	--	Hub	1	
43	4700387443	Stud	2	

Comments for Page: Engine installation

(L)OCAL REMARKS

A | Hatz 1B20 Rammer version

B | Right

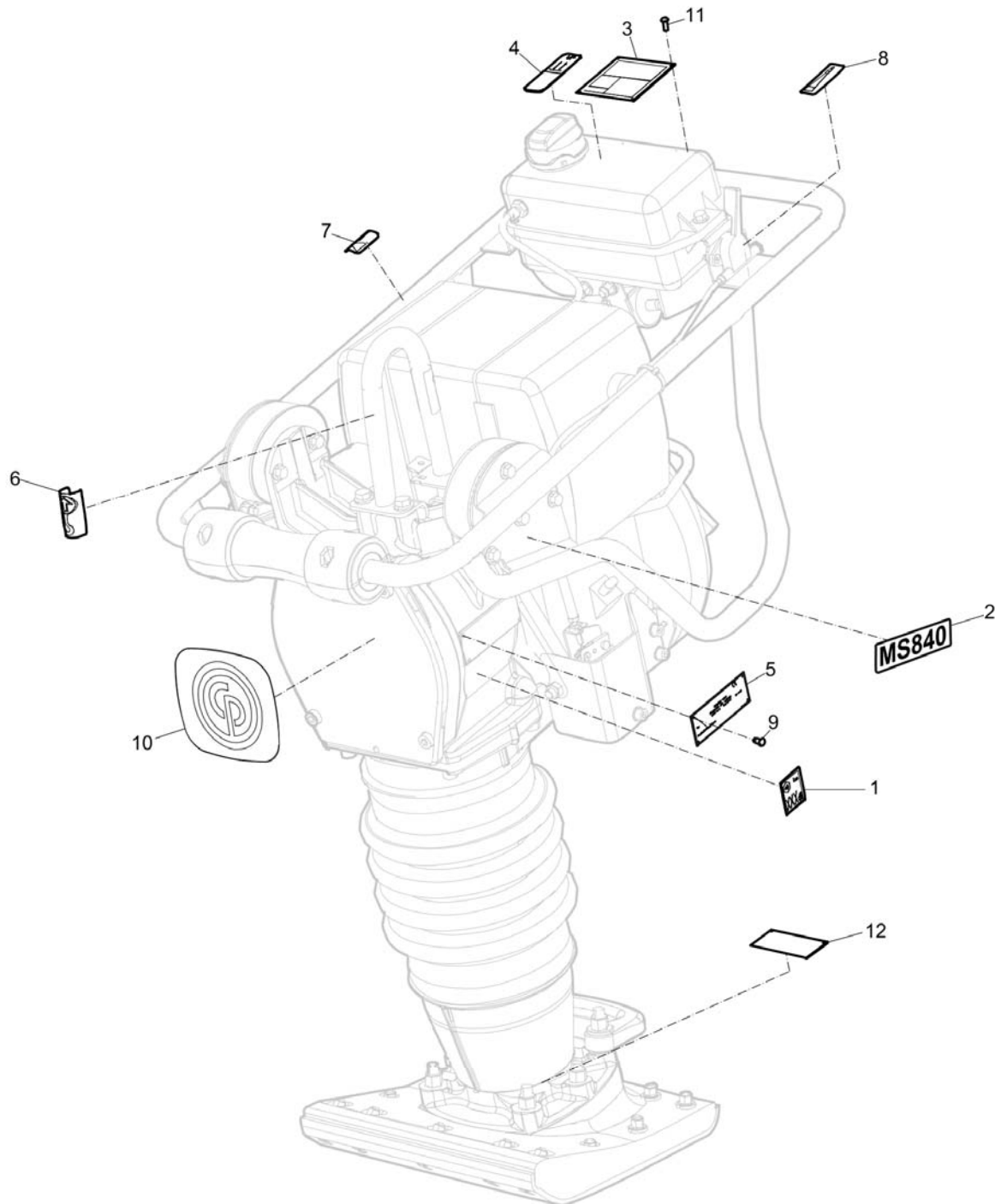
C | Left

D | Supplied with engine

E | Tightening torque: 45 Nm

F | Tightening torque: 68 Nm. Valid from serial number BGF055517-

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Spare parts list Labels

Refer to Parts Online for the most up to date information. The printed information might be outdated.

Wed Oct 08 05:01:55 MDT 2014

Item	Part No.	Name	Qty	L
1	-	Label	1	A
2	4812070564	Product label	2	B
3	4700386225	Decal	1	C
4	4700904977	Decal	1	D
5	-	Data plate	1	
6	4700357587	Decal, lift point	2	E
7	4700904366	Safety decal "Hot surface"	1	F
8	4700385877	Decal "THROTTLE CONTROL"	1	G
9	-	Drive screw, 2 x 5 mm KDS	4	
10	4812070655	Product label	1	H
11	-	Screw, K22 x 6 mm KX-PT	4	
12	4700791088	Safety label, compressed spring package	1	I

Comments for Page: Labels

(L)OCAL REMARKS

A | Sound power level

B | "MS 840"

C | Ear protection, read instruction manual and diesel

D | Keep upright

E | Lifting point

F | Hot surfaces

G | Throttle indication

H | "Chicago Pneumatic"

I | Compressed spring package

Kits One year service kit

**NO DRAWING
AVAILABLE
FOR THIS BOM**

Item	Part No.	Name	Qty	L
1	4812155561	Service kit, once a year	1	
.-	4700938150	Filter element	5	
.-	4700937003	O-ring	1	
.-	4700936989	Rope	1	
.-	4700937873	Fuel filter	5	
.-	4700939768	Gasket	1	

Kits Shock absorber repair kit

**NO DRAWING
AVAILABLE
FOR THIS BOM**

Item	Part No.	Name	Qty	L
1	4812155281	Repair kit, shock absorber	1	
2	-	Nut, M8 x 1.25 mm A2K	8	
3	-	Screw, M8 x 20 mm 8.8 A2K	4	
4	-	Screw, M8 x 25 mm 8.8 A2K	4	
5	4700386785	Shock absorber	2	
6	4700791323	Cylindric pin	4	

Kits Transmission repair kit

**NO DRAWING
AVAILABLE
FOR THIS BOM**

Item	Part No.	Name	Qty	L
1	4812155283	Repair kit, transmission	1	
.2	4700904950	Needle bearing	1	
.3	4700111078	Ball bearing	1	
.4	4700150009	Circlip ring	1	
.5	4700904949	Needle bearing	1	
.6	4700150014	Snap ring	2	
.7	4700903520	Bearing	2	
.8	4700151025	Snap ring	2	
.9	4700904952	Sealing	1	
10	-	Nut, M12 x 1.25 mm A3K	1	
11	4700160106	O-ring	1	
12	-	Screw, M10 x 25 mm 8.8 A3K	4	
13	4700160035	O-ring	1	
14	-	Washer, 10.5 x 22 x 2 mm, 0.41 x 0.87 x 0.08 in. 300 HV	4	
15	-	Screw, M10 x 35 mm 8.8 A3K	4	
16	-	Washer, 8.4 x 26 x 3 mm, 0.33 x 1.02 x 0.12 in.	1	
17	-	Screw, M8 x 25 mm 8.8 A2K	1	

Kits Spring unit repair kit

**NO DRAWING
AVAILABLE
FOR THIS BOM**

Item	Part No.	Name	Qty	L
1	4812155284	Repair kit, spring unit	1	
2	4700380895	Spring	2	
3	4700380894	Spring	2	
4	4700380899	Stop	1	
5	4700380902	Stop	1	
6	-	Screw, M8 x 20 mm 8.8 A2K	6	
7	4700383666	Gasket	1	
8	4700160054	O-ring	1	
9	-	Washer, 8.7 x 14 x 1 mm, 0.32 x 0.04 in. Type A	6	
10	-	Fibre washer, 27 x 32 x 2 mm, 1.06 x 1.26 x 0.08 in.	1	

Kits Foot 280 mm (11 in.) repair kit

**NO DRAWING
AVAILABLE
FOR THIS BOM**

Item	Part No.	Name	Qty	L
1	4700939183	Foot 280 mm (11 in.) repair kit	1	
2	4700382371	Ground plate	1	
3	4700382366	Foot	1	
4	4700791331	Screw, M8 x 50 mm NYLOK BLUE PATCH™(Known as TUF-LOK® in Europe)	8	A
5	-	Nut, M8 x 1.25 mm A2K	8	
6	4700791339	Screw, M12 x 150 mm 10.9 GEOMET®	2	B
7	4700791085	Screw, M12 x 100 mm 10.9 GEOMET®	2	B
8	4700791337	Screw, M12 x 110 mm 10.9 GEOMET®	2	B
9	-	Nut, M12 x 1.75 mm A3K	8	
10	-	Washer, 8.4 x 22 x 3 mm, 0.33 x 0.87 x 0.12 in. HV300	8	

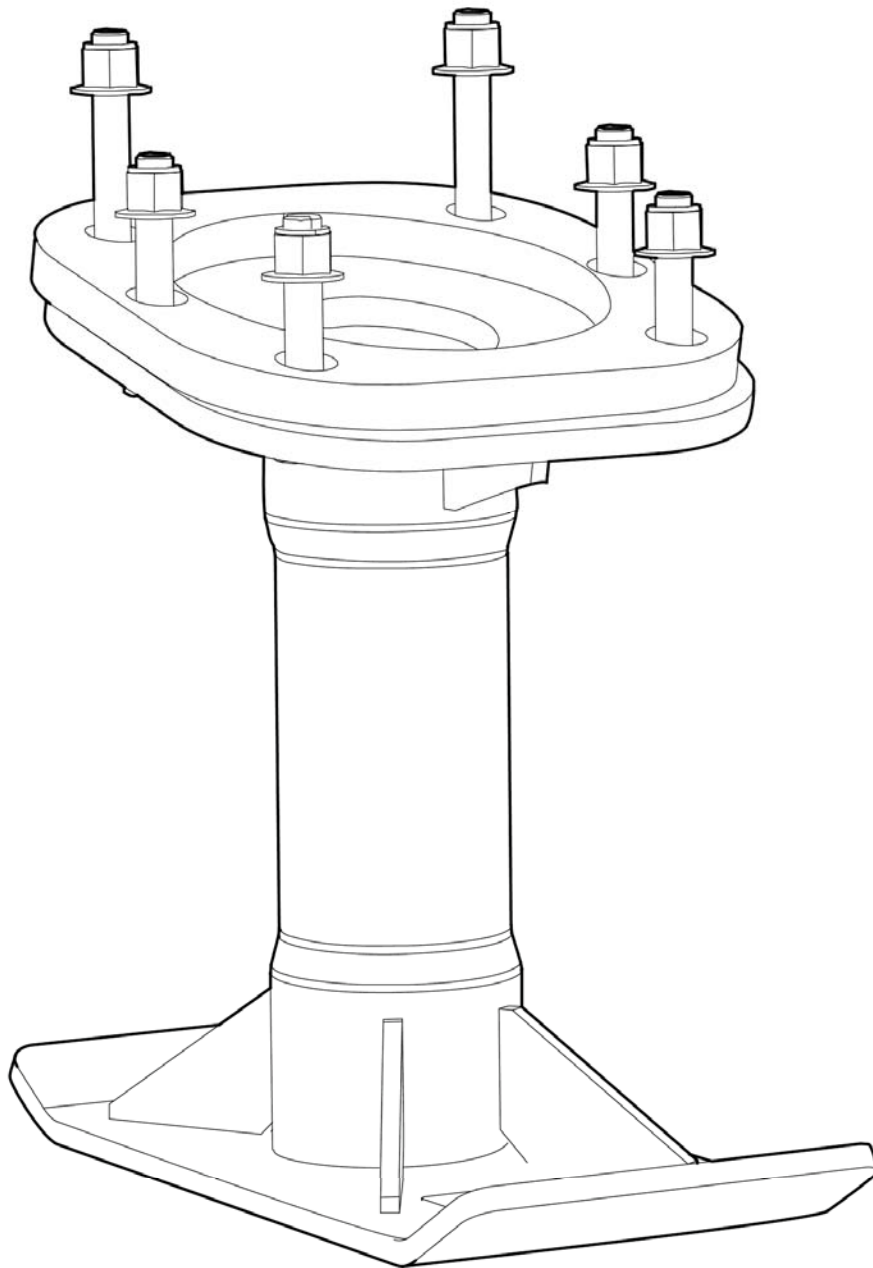
Comments for Page: Foot 280 mm (11 in.) repair kit

A || NYLOK BLUE PATCH is a trademark of Nylok Corporation.

TUF-LOK is a registered trademark of Nylok Corporation in Europe.

B || GEOMET is a registered trademark of Nof Metal Coatings North America Inc.

Kits Extended foot kit



Item	Part No.	Name	Qty	L
1	4700377128	Extended foot kit	1	
.2	-	Foot	1	
.3	-	Screw, M12 x 90 mm 10.9 GEOMET®	2	A
.4	-	Screw, M12 x 70 mm 10.9 GEOMET®	4	A
.5	-	Nut, M12	6	
.6	-	Washer, 13 x 24 x 2 mm, 0.51 x 0.98 x 0.08 in. 300 HV	6	
.7	-	Label	1	B

Comments for Page: Extended foot kit

A || GEOMET is a registered trademark of Nof Metal Coatings North America Inc.

B || Direction

