Flextool®
SINCE 1951

SPARE PARTS MANUAL

FLEXTOOL PROFINISH® WALK-BEHIND POWER TROWEL FP436-2



Version 2.0 (November 2026)

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HOW TO READ THIS SPARE PARTS MANUAL

The following section explains the different symbols and remarks used in this manual and how to interpret the information outlined in the following pages.

Section 1 – Diagram and parts list

- Item No : Used to reference the spare part in the diagram to the parts list.
- Product Code : Used to indicate the unique Flextool spare parts product code used when ordering parts.

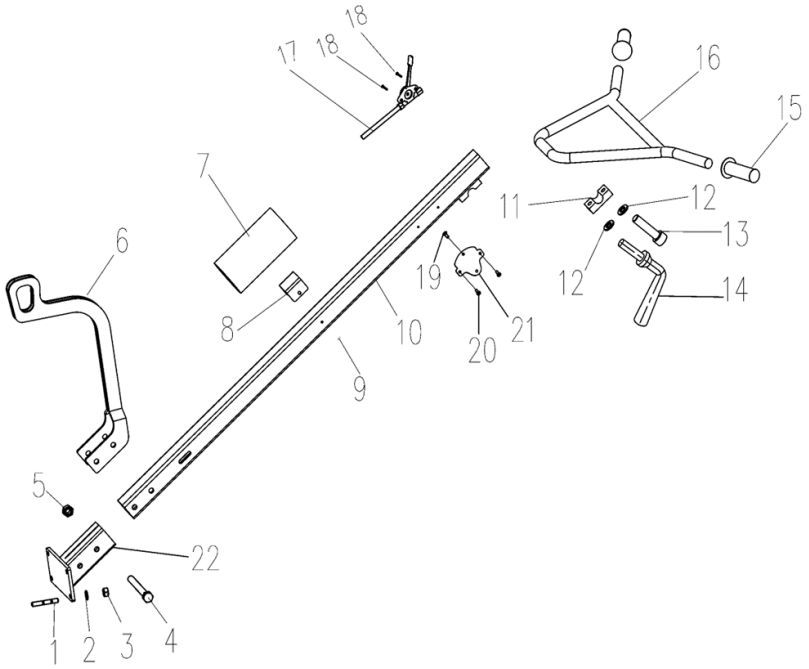
  Product code can be presented in the following ways:
  - Number : Signifies the unique Flextool spare parts product code used when placing orders.
  - Blank : Used for parts pending formal part number assignment at the time of publication. Also denotes that the spare parts are not sold separately or are unavailable from Flextool.
  - See remarks : Indicates that the spare parts are part of an assembly, service kit or is part of a serial number range where a particular part is used. Please refer to remarks to find further information.

- Description : Used to provide a concise description of the spare part such as size, length, diameter, models, etc.
- Qty : Indicates the quantity of part(s) required for the equipment. Please verify the required quantity when placing an order.
- Remarks : Refers to additional information, including assembly kit, service kit and serial number range where particular part is used.
  - AS : Refers to the parts supplied with an assembly kit.
  - SK : Refers to the parts supplied with a service kit.
  - Serial number : Indicates the range of serial number where particular part is used.

Section 2 – Fast moving spare parts

FLEXTOOL PROFINISH WALK-BEHIND POWER TROWEL FP436-2

Description	Product Code
FLX THROTTLE LEVER & CABLE	NPS90044-UNIT
FLX TILT CABLE	NPS02153-UNIT
FLX V-BELT A27	NPS00481-UNIT
FLX SCREW 5/16 X 1.75"	NPS02250-UNIT
FLX CENTRIFUGAL SAFETY SWITCH ASSY	NPS07245-UNIT

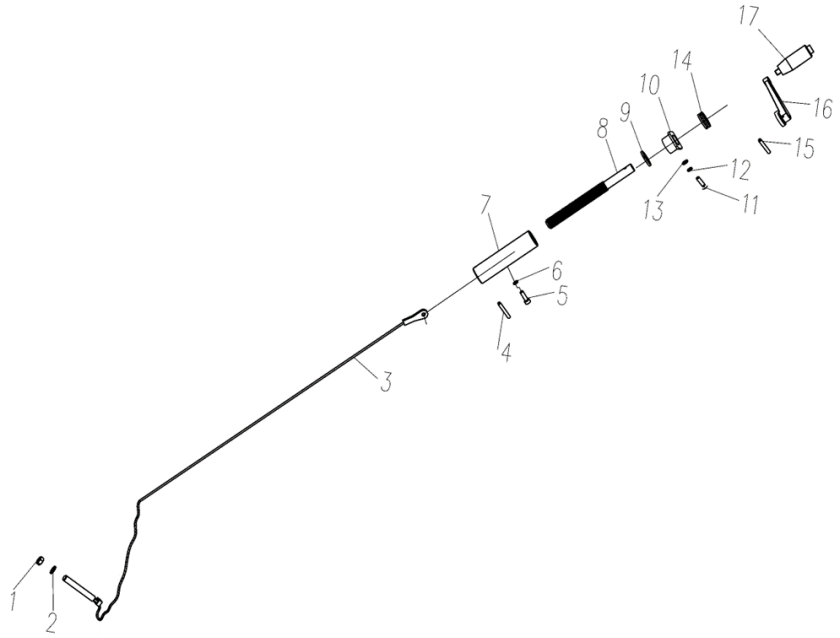


Handle (FP436-2)

Item No.	Product Code	Description	Qty	Remarks
1	NPS02141-UNIT	FLX SCREW (SY-GB211040)	4	
2	NPS07212-UNIT	FLX WASHER M10 (SY-GB1210)	4	
3	NPS07248-UNIT	FLX LOCK NUT M10 (SY-GB1010)	8	
4	NPS02142-UNIT	FLX HEX HEAD SCREW M10X85 (SY-GB011285)	2	
5	NPS01138-UNIT	FLX HEX NUT M12 (SY-GB0812)	2	
6	NPS02143-UNIT	FLX LIFTING HOOK (SY-L1096)	1	
7	NPS02144-UNIT	FLX CUP HOLDER (SY-L1097)	1	
8	NPS02145-UNIT	FLX CONNECTING PLATE (SY-L1098)	1	
9	NPS02146-UNIT	FLX FLANGE SCREW M6X8 (SY-GB200608)	2	
10	NPS02147-UNIT	FLX HANDLE (SY-L1099)	1	
11	NPS02180-UNIT	FLX HANDLEBAR CLAMP (SY-L1089)	1	
12	NPS07212-UNIT	FLX WASHER M10 (SY-GB1210)	2	
13	NPS02181-UNIT	FLX SOCKET HEAD SCREW M10X40 (SY-GB021040)	1	
14	NPS02149-UNIT	FLX SCREW (SY-L1106)	1	
15	NPS02218-UNIT	FLX HANDLE GRIP (SY-WY312)	2	
16	NPS02150-UNIT	FLX ADJUSTABLE HANDLE (SY-L1100)	1	
17	See Remarks	FLX THROTTLE CABLE(SY-WB221)	1	Use AS-1
18	See Remarks	FLX THROTTLE LEVER (SY-GB030612-Q1)	2	Use AS-1
19	NPS07666-UNIT	FLX SOCKET HEAD SCREW M5X10 (SY-GB030510-G1)	2	
20	NPS02182-UNIT	FLX SCREW (SY-GB150510)	2	
21	NPS02151-UNIT	FLX MOUNTING PLATE (SY-L1101)	1	
22	NPS02152-UNIT	FLX CONNECTING PLATE (SY-L1102)	1	

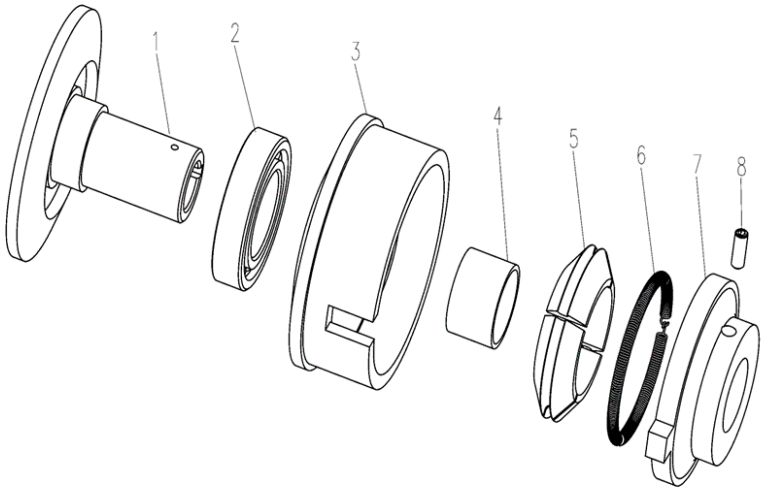
Handle - Assembly / Service Kits

Item No.	Product Code	Description	Qty	Remarks
AS-1	NPS90044-UNIT	FLX THROTTLE LEVER & CABLE (SY-CTP436-0006)	1	Inc Items: 17-18



Control Mechanism (FP436-2)

Item No.	Product Code	Description	Qty	Remarks
1	NPS07248-UNIT	FLX LOCK NUT M10 (SY-GB1010)	1	
2	NPS07212-UNIT	FLX WASHER M10 (SY-GB1210)	1	
3	NPS02153-UNIT	FLX TILT CABLE (SY-WB208)	1	
4	NPS02183-UNIT	FLX ROLLER PIN (SY-GB240530)	1	
5	NPS02184-UNIT	FLX SOCKET HEX SCREW M6X8 (SY-GB020608)	1	
6	NPS02185-UNIT	FLX SPRING WASHER (SY-GB1306)	1	
7	NPS02154-UNIT	FLX ADJUSTING BUSHING (SY-L1001)	1	
8	NPS02155-UNIT	FLX SHAFT PITCH CONTROL (SY-L1002)	1	
9	NPS02186-UNIT	FLX WASHER (SY-GB1215)	1	
10	NPS02156-UNIT	FLX BEARING HOLDER (SY-L1035)	1	
11	NPS02187-UNIT	FLX HEX SCREW M6X12 (SY-GB010612)	1	
12	NPS02185-UNIT	FLX SPRING WASHER (SY-GB1306)	1	
13	NPS02188-UNIT	FLX WASHER (SY-GB1206)	1	
14	NPS02157-UNIT	FLX BEARING (SY-ZC51103)	1	
15	NPS02158-UNIT	FLX PIN (SY-GB240540)	1	
16	NPS02189-UNIT	FLX PITCH CONTROL KNOB (SY-L0030)	1	
17	NPS02190-UNIT	FLX HANDLE (SY-WB643)	1	

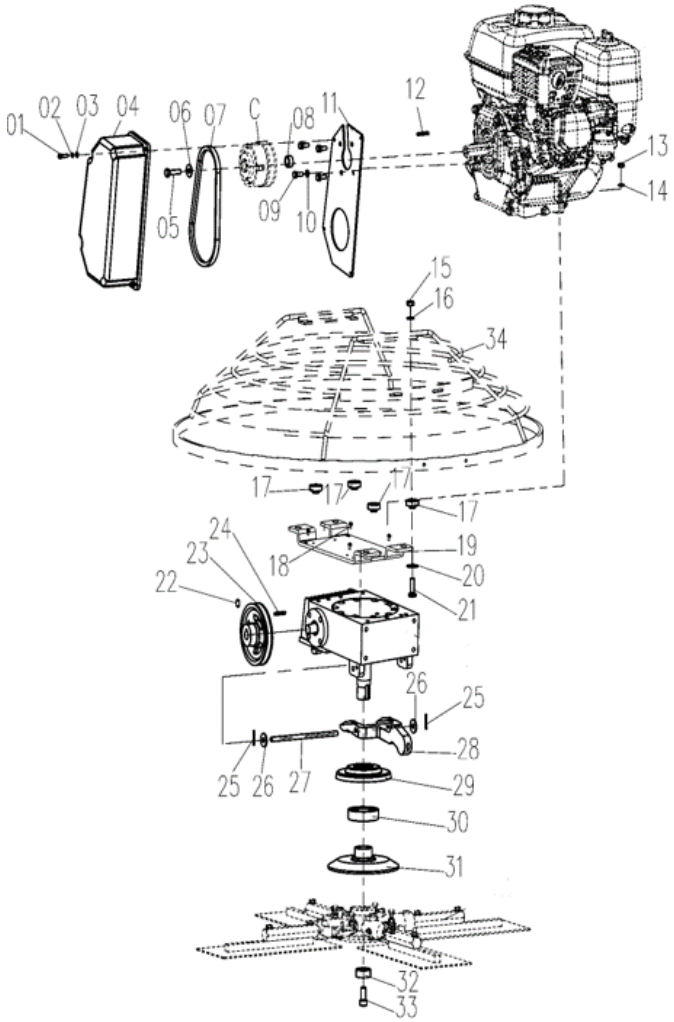


Clutch

Item No.	Product Code	Description	Qty	Remarks
1	See Remarks	FLX CLUTCH SPINDLE (SY-L1011)	1	Use AS-1
2	See Remarks	FLX BEARING 6007 (SY-ZC6007)	1	Use AS-1
3	See Remarks	FLX CLUTCH DRUM (SY-L1012)	1	Use AS-1
4	See Remarks	FLX BEARING SLEEVE (SY-L1013)	1	Use AS-1
5	NPS07243-UNIT	FLX CLUTCH SHOES SET OF 4 (SY-BT-A001701)	1	
6	NPS07244-UNIT	FLX CLUTCH SPRING (SY-BT-A0018)	1	
7	See Remarks	FLX CLUTCH FACE PLATE (SY-L1015)	1	Use AS-1
8	NPS07239-UNIT	FLX GRUB SCREW M8X16 (SY-GB050816)	1	Use AS-1

Clutch - Assembly / Service Kits

Item No.	Product Code	Description	Qty	Remarks
AS-1	NPS02179-UNIT	FLX CLUTCH (SY-B204)	1	Inc Items: 1 – 8



Drive System

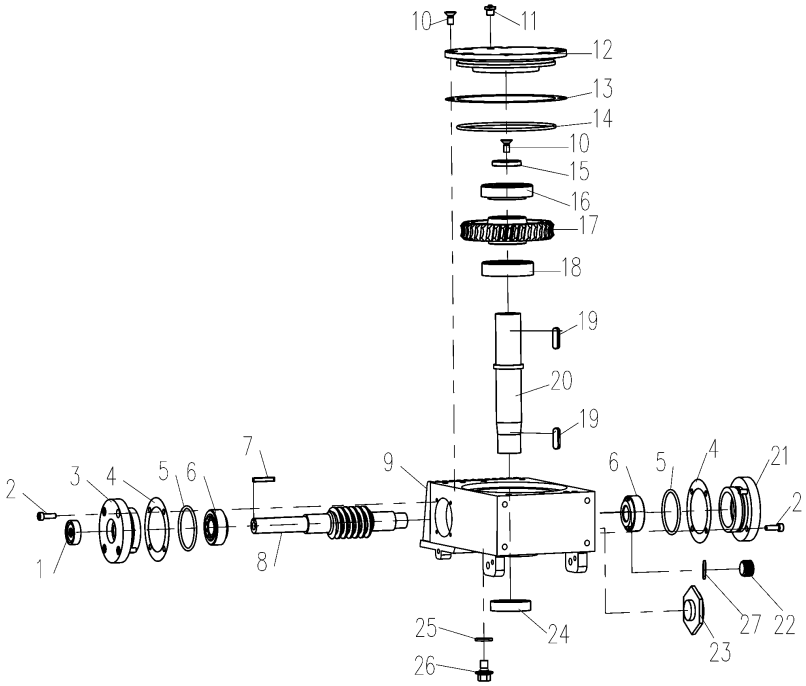
Item No.	Product Code	Description	Qty	Remarks
1	NPS01902-UNIT	FLX SOCKET HEAD SCREW M6X20 (SY-GB020620)	4	
2	NPS02185-UNIT	FLX WASHER SPRING M6 (SY-GB1306)	4	
3	NPS07267-UNIT	FLX WASHER FLAT M6 (SY-GB1206)	4	
4	NPS02191-UNIT	FLX BELT GUARD (SY-WB282)	1	
5	NPS07233-UNIT	FLX BOLT M8X40 (SY-GB01082438-G2)	1	
6	NPS07234-UNIT	FLX RETAINER M8 (SY-L1041)	1	
7	NPS03888-UNIT	FLX V-BELT 17X735 (SY-WB025)	1	
8	NPS02192-UNIT	FLX WASHER (SY-L1042)	1	
9	NPS02193-UNIT	FLX HEX SCREW 5/16 X20 (SY-GB01082420-G2)	4	
10	NPS02194-UNIT	FLX WASHER (SY-GB1208)	4	
11	NPS02196-UNIT	FLX MOUNTING PLATE (SY-L1043)	1	
12	NPS02210-UNIT	FLX KEY 5X30 (SY-GB220530)	1	
13	NPS00406-UNIT	FLX LOCK NUT M8 (SY-GB1008)	4	
14	NPS00404-UNIT	FLX WASHER SPRING M8(SY-GB1208)	4	
15	NPS07248-UNIT	FLX LOCK NUT M10 (SY-GB1010)	4	
16	NPS07212-UNIT	FLX WASHER M10 (SY-GB1210)	4	
17	NPS02159-UNIT	FLX SHOCKPROOF GASKET (SY-WB068)	4	
18	NPS02160-UNIT	FLX FLANGE SCREW M10X20 (SY-GB201020)	4	
19	NPS02161-UNIT	FLX ENGINE MOUNTING PLATE (SY-L1020)	1	
20	NPS02197-UNIT	FLX WASHER (SY-GB12102802)	4	
21	NPS02198-UNIT	FLX HEX HEAD SCREW M10X35 (SY-GB011035)	4	
22	NPS07239-UNIT	FLX GRUB SCREW M8X16 (SY-R-E436-CL00032)	1	
23	NPS07238-UNIT	FLX PULLEY (SY-BT-A0058)	1	

Drive System - Continued

Item No.	Product Code	Description	Qty	Remarks
24	NPS02210-UNIT	FLX KEY 5X30 (SY-GB220530)	1	
25	NPS02199-UNIT	FLX PIN (SY-GB282525)	2	
26	NPS02197-UNIT	FLX WASHER (SY-GB12102802)	2	
27	NPS07241-UNIT	FLX YOLK SHAFT (SY-L-BCX-003)	1	
28	NPS07242-UNIT	FLX BLADE TILT YOLK (SY-BT-A0025)	1	
29	NPS07214-UNIT	FLX PRESSURE PLATE COVER (SY-BT-A083)	1	
30	NPS07215-UNIT	FLX PRESSURE PLATE BEARING (SY-R-436-002)	1	
31	NPS00349-UNIT	FLX BLADE LIFTING RING (SY-L0065)	1	
32	NPS07216-UNIT	FLX RETAINING BUSH (SY-WB225)	1	
33	NPS07218-UNIT	FLX BOLT M12X30 (SY-GB021230)	1	
34	NPS02140-UNIT	FLX GUARD RING (SY-L1077)	1	

Drive System - Assembly / Service Kit

Item No.	Product Code	Description	Qty	Remarks
AS-1	NPS00136-UNIT	FLX BELT GUARD KIT AY (SY-CT434-BGKIT)	1	Inc Items: 1-4, 9, 11

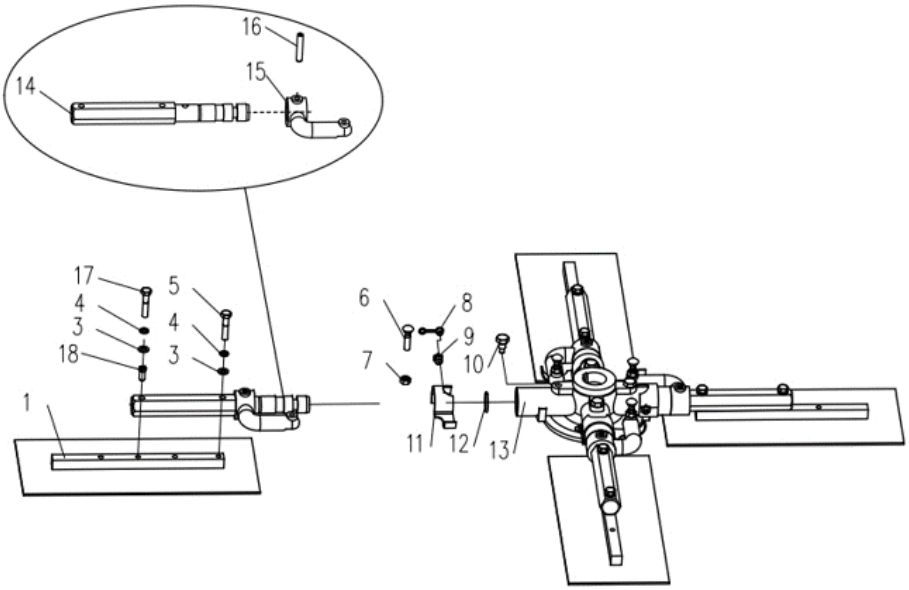


Gearbox

Item No.	Product Code	Description	Qty	Remarks
1	NPS07195-UNIT	FLX OIL SEAL 32X20X7 (SY-GB30203207)	1	
2	NPS01902-UNIT	FLX SOCKET HEAD SCREW M6X20 (SY-GB020620)	8	
3	NPS07194-UNIT	FLX FLANGE BEARING WORM GEAR (SY-L1023)	1	
4	NPS07189-UNIT	FLX GASKET (SY-WB631)	2	
5	NPS07188-UNIT	FLX O-RING 53X3.1 (SY-GB255531)	2	
6	NPS07190-UNIT	FLX BEARING (SY-ZC32204)	2	
7	NPS02210-UNIT	FLX KEY 5X30 (SY-GB220530)	1	
8	NPS07193-UNIT	FLX WORM SHAFT (SY-WB353)	1	
9	See Remarks	FLX GEARBOX CASE (SY-L1104)	1	Use AS-1
10	NPS07211-UNIT	FLX BOLT CSK M8X20 (SY-GB030820)	9	
11	NPS07207-UNIT	FLX BREATHER GEARBOX (SY-GB3210-Q2Q11)	1	
12	NPS07206-UNIT	FLX GEAR BOX TOP COVER (SY-L1026)	1	
13	NPS07205-UNIT	FLX GASKET TOP COVER (SY-WB632)	1	
14	NPS02211-UNIT	FLX RUBBER SEAL (SY-GB2513531)	1	
15	NPS07202-UNIT	FLX WASHER (SY-L0086)	1	
16	NPS07201-UNIT	FLX BEARING TOP (SY-ZC30207)	1	
17	NPS07200-UNIT	FLX MAIN GEAR (SY-WB351)	1	
18	NPS07199-UNIT	FLX BEARING (SY-ZN6207)	1	
19	NPS07203-UNIT	FLX KEY 8X30 (SY-GB220830)	1	
20	NPS07198-UNIT	FLX MAIN SHAFT (SY-WB352)	1	
21	NPS07187-UNIT	FLX BEARING COVER (SY-L1029)	1	
22	NPS07208-UNIT	FLX OIL PLUG (SY-WB626)	1	
23	NPS00046-UNIT	FLX SIGHT GLASS (SY-GB312715)	1	
24	NPS07197-UNIT	FLX OIL SEAL 54X35X8 (SY-GB30355408)	1	
25	NPS07191-UNIT	FLX WASHER SEAL (SY-GB121802-Q8)	1	
26	NPS07192-UNIT	FLX BOLT M12X10 P1.25 (DRAIN PLUG) (SY-GB011210-TQ)	1	
27	NPS07209-UNIT	FLX COPPER WASHER (SY-GB182402-Q8)	1	

Gearbox - Assembly / Service Kits

Item No.	Product Code	Description	Qty	Remarks
AS-1	NPS02214-UNIT	FLX GEARBOX ASSEMBLY (SY-B231)	1	Inc Items: 1-27

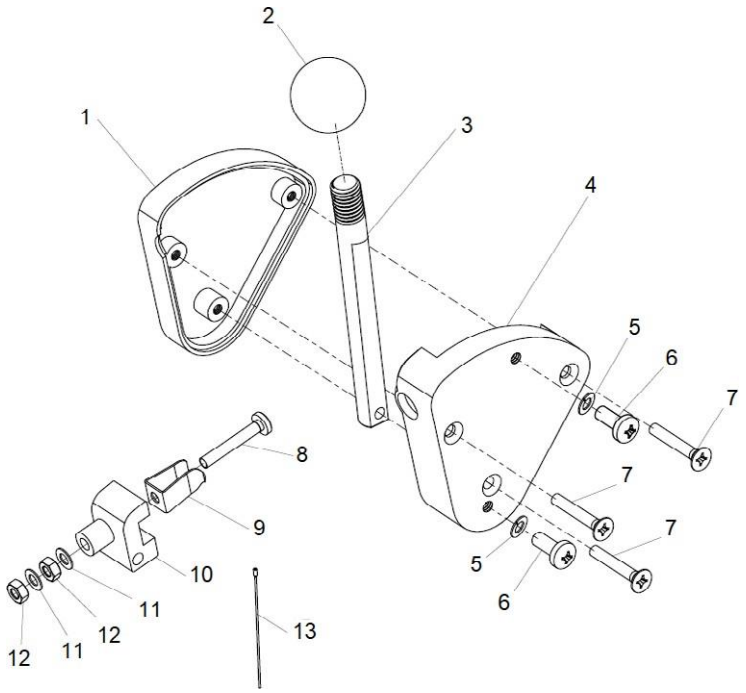


Spider Plate

Item No.	Product Code	Description	Qty	Remarks
1	See Remarks	FLX TROWEL BLADE (SY-L9002)	4	Please refer to the product catalogue
3	See Remarks	FLX WASHER (SY-GB1208)	8	Included with replacement Trowel Blades Set
4	See Remarks	FLX SPRING WASHER (SY-GB1308)	8	
5	NPS02250-UNIT	FLX SCREW 5/16 X 1.75" (SY-GB1082445-Q2)	4	
6	NPS07223-UNIT	FLX DOME HEAD BOLT M8X30 (SY-GB350830)	4	
7	NPS07224-UNIT	FLX HEX NUT M8 (SY-GB0808)	4	
8	NPS07220-UNIT	FLX GREASE NIPPLE COVER (SY-WY692)	4	
9	NPS07219-UNIT	FLX GREASE NIPPLE (SY-GB331001-Q8)	4	
10	NPS02294-UNIT	FLX SCREW M10 X 20 (SY-GB141020)	4	
11	NPS07221-UNIT	FLX BLADE RETURN SPRING (SY-L0075)	4	
12	NPS07222-UNIT	FLX O-RING 35X3.5MM (SY-GB253035)	4	
13	NPS02213-UNIT	FLX SPIDER PLATE (SY-L1032)	1	
14	See Remarks	FLX TROWEL ARM EXTENDED (SY-L1033)	4	Use AS-1
15	See Remarks	FLX MOUNT (SY-L0077)	4	Use AS-1
16	See Remarks	FLX PIN (SY-GB240845)	4	Use AS-1
17	NPS02251-UNIT	FLX SCREW 5/16 X 2.0" (SY-GB1082450-Q2)	4	
18	NPS02279-UNIT	FLX BLADE ADJUSTMENT INSERT (SY-L0119)	1	

Spider Plate - Assembly / Service Kits

Item No.	Product Code	Description	Qty	Remarks
AS-1	NPS02162-UNIT	FLX TROWEL ARM ASSY (SY-L1031)	4	Inc Items: 2, 14-16



Safety Switch (FP436-2)

Item No.	Product Code	Description	Qty	Remarks
1	See Remarks	FLX SAFETY SWITCH INNER COVER (SY-L1075)	1	Use AS-1
2	See Remarks	FLX SAFETY SWITCH KNOB (SY-WB197)	1	Use AS-1
3	See Remarks	FLX SAFETY SWITCH THROW ARM (SY-L1008)	1	Use AS-1
4	See Remarks	FLX SAFETY SWITCH OUTER COVER (SY-L1009)	1	Use AS-1
5	See Remarks	FLX WASHER FLAT M5 (SY-GB1305)	2	Use AS-1
6	See Remarks	FLX SCREW M5X10 (SY-GB150510)	2	Use AS-1
7	See Remarks	FLX BOLT CSK M4X25 (SY-GB160425)	3	Use AS-1
8	See Remarks	FLX BOLT M4X20 (SY-GB150420)	1	Use AS-1
9	See Remarks	FLX EARTH CONTACT (SY-L1010)	1	Use AS-1
10	See Remarks	FLX EARTH CONTACT SEAT (SY-WB201)	1	Use AS-1
11	See Remarks	FLX FLAT WASHER M4 (SY-GB1204)	2	Use AS-1
12	See Remarks	FLX NUT M4 (SY-GB0804)	2	Use AS-1
13	See Remarks	FLX SAFETY SWITCH CABLE (SY-R-436-0006)	1	Use AS-1

Safety Switch (FP436-2) - Assembly / Service Kits

Item No.	Product Code	Description	Qty	Remarks
AS-1	NPS07245-UNIT	FLX CENTRIFUGAL SAFETY SWITCH ASSY (SY-BT-AQKG01)	1	Inc Items: 1-13

Flextool

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This manual summarises our best knowledge of the product based on the information available at the time of publication. You should read this manual carefully and consider the information in the context of how the product will be used. Our responsibility for products sold is subject to our standard terms and conditions of sale.

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