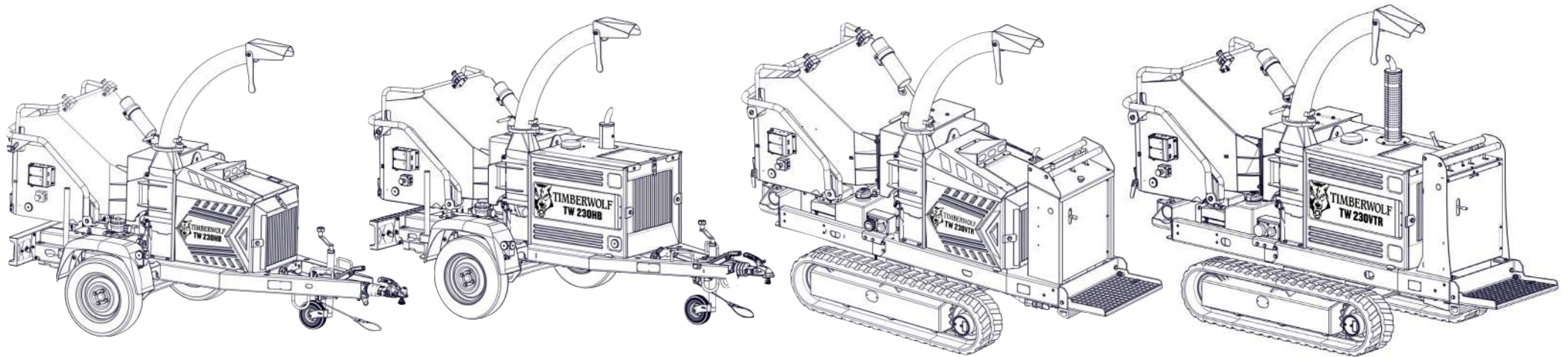


TW 230HB/230VTR





timberwolf-uk.com



timberwolf-houtversnipperaar.nl



timberwolf-hacksler.de



timberwolf.fr



timberwolfchippers.com.au

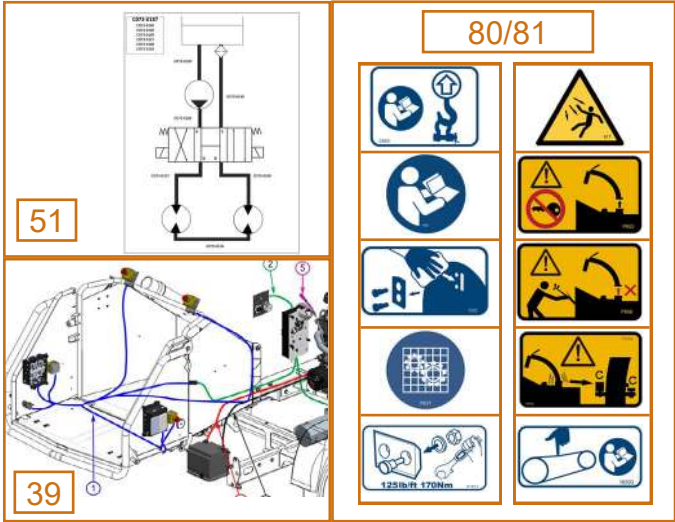
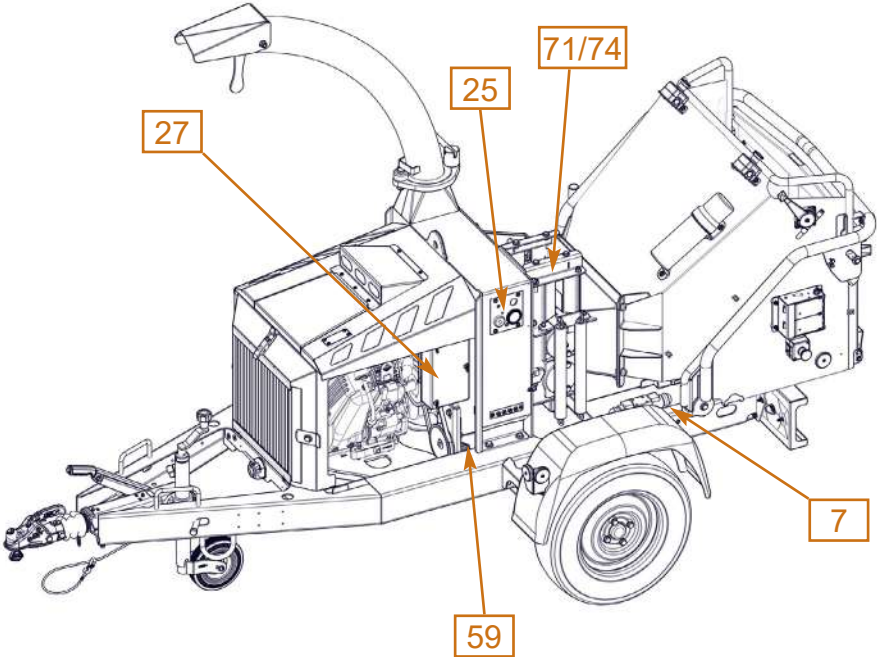
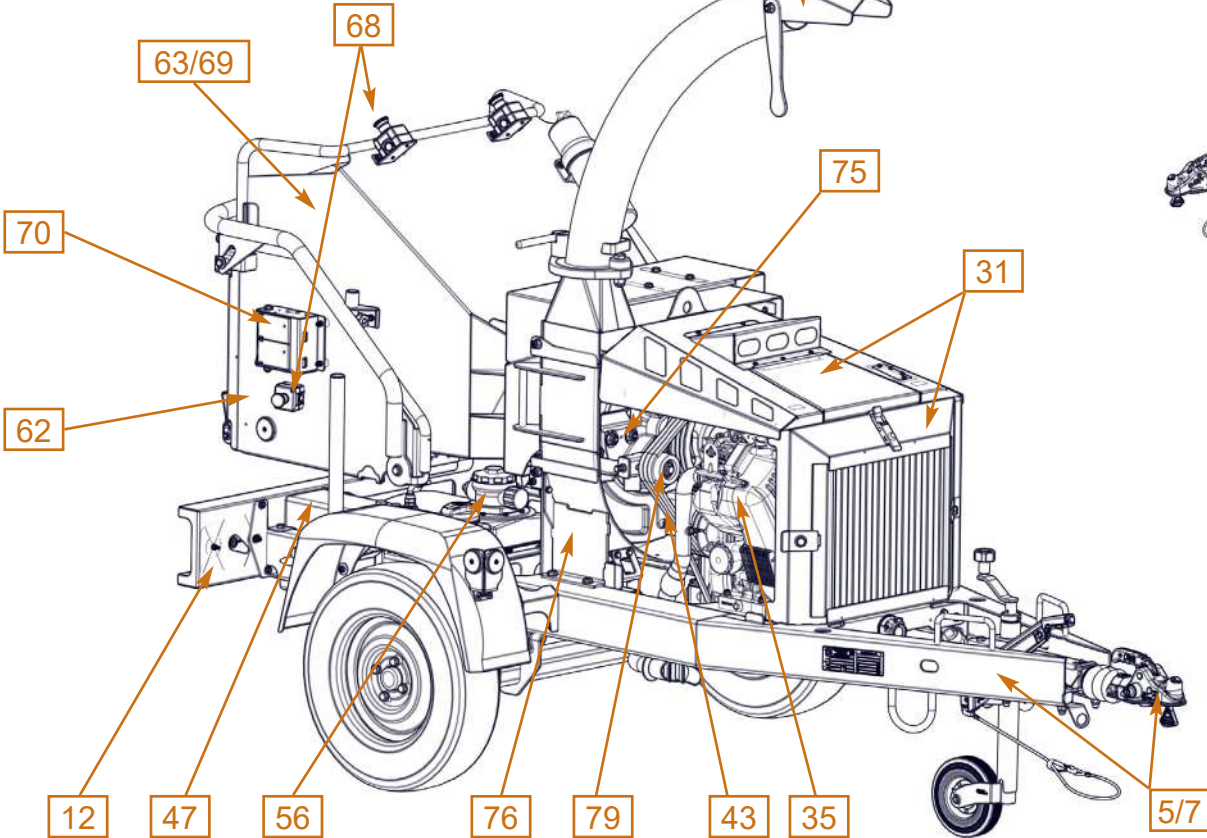
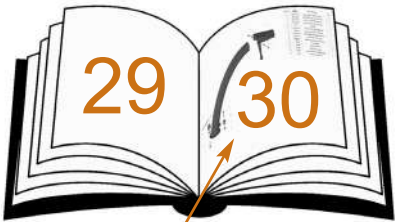
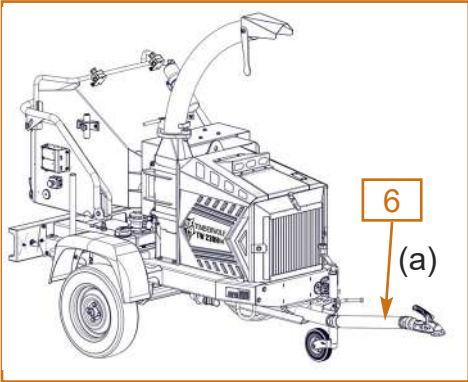
PDF document links - click on the page numbers shown on the content pages to go directly to the correct parts page. Click on the model name at the top of the page to return to the contents pages.

TW 230HB Petrol ☒

TW 230HB Diesel ☐

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐



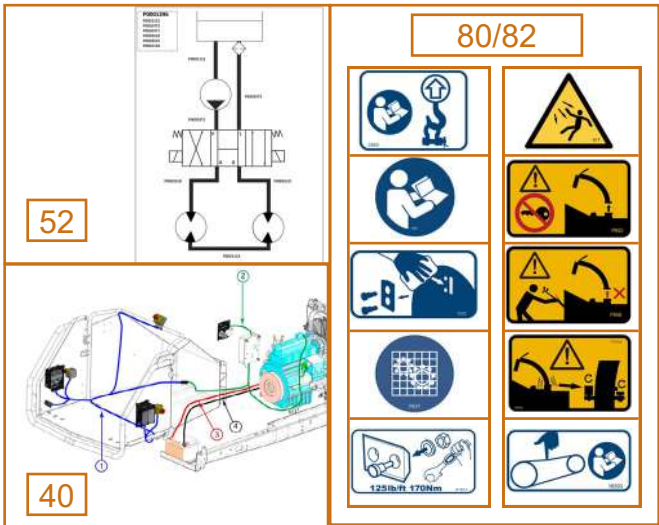
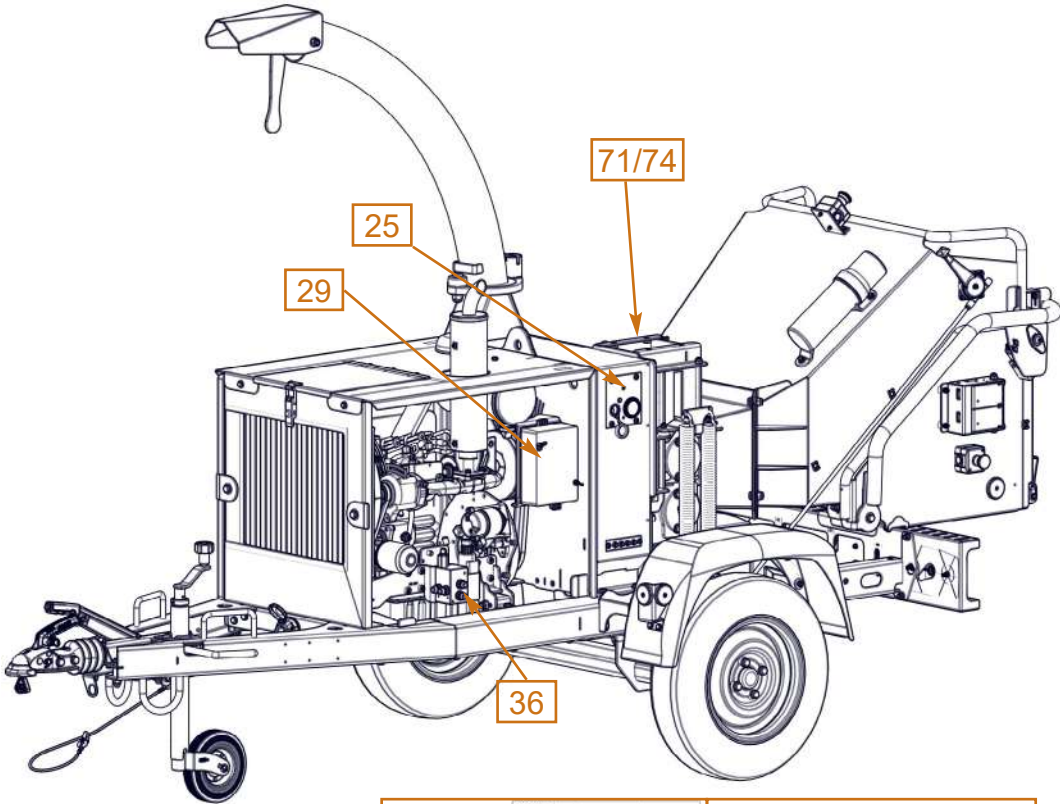
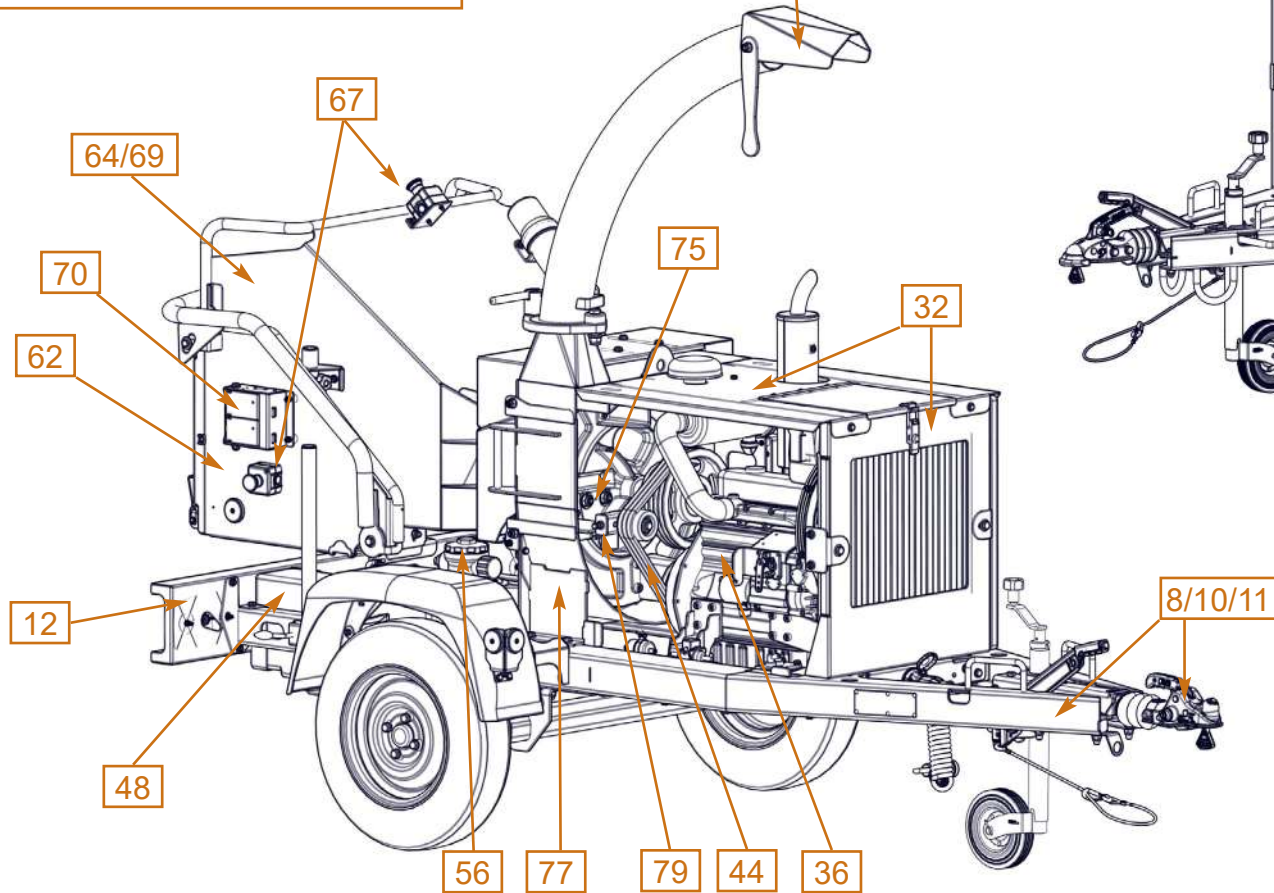
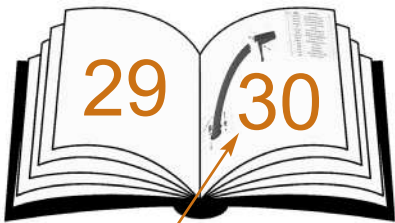
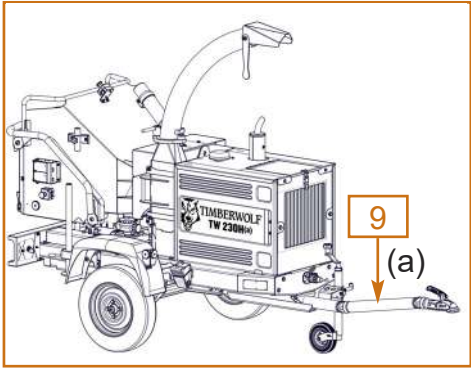
PDF document links - click on the page numbers shown on the content pages to go directly to the correct parts page. Click on the model name at the top of the page to return to the contents pages.

TW 230HB Petrol ☐

TW 230HB Diesel ☒

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐



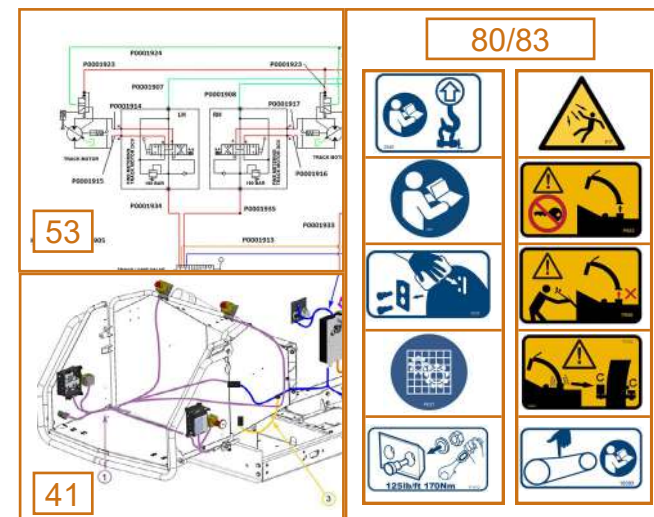
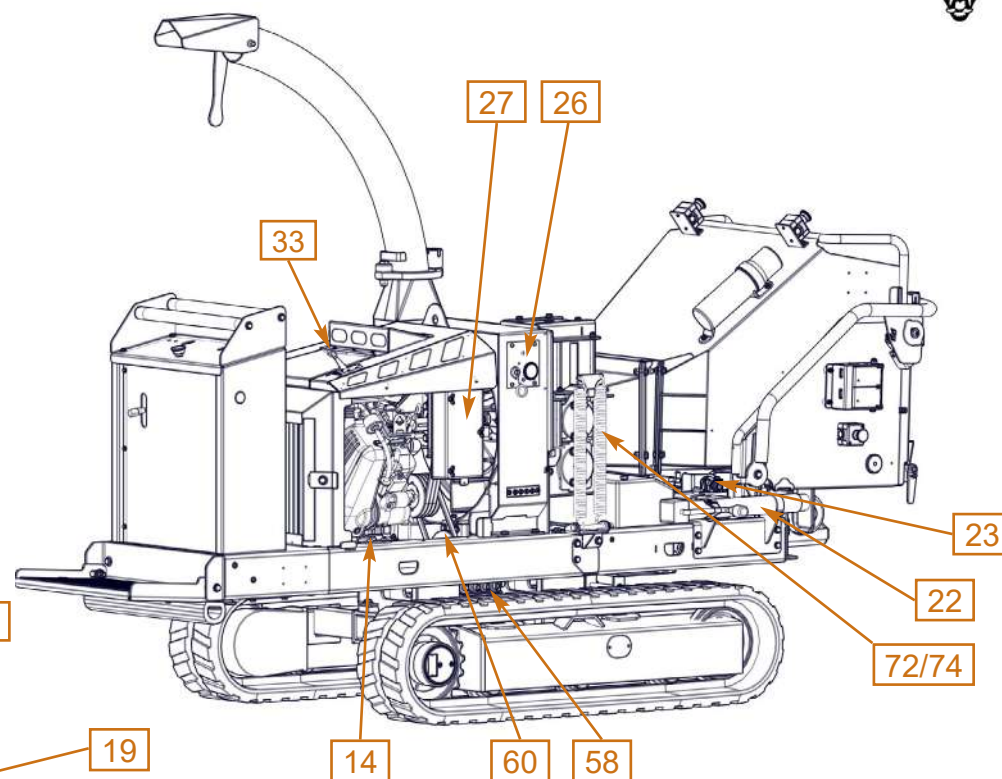
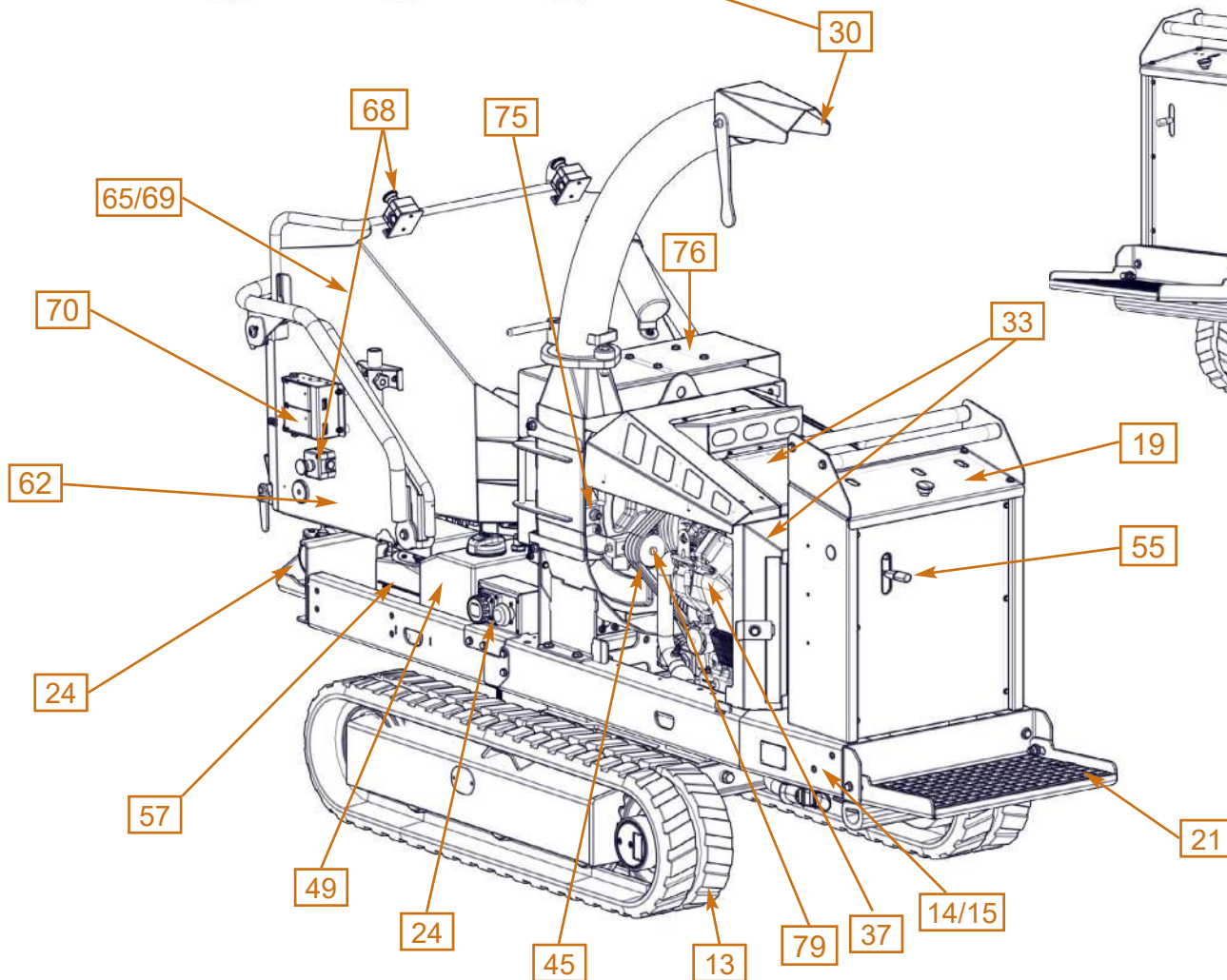
PDF document links - click on the page numbers shown on the content pages to go directly to the correct parts page. Click on the model name at the top of the page to return to the contents pages.

TW 230HB Petrol ☐

TW 230HB Diesel ☐

TW 230VTR Petrol ☒

TW 230VTR Diesel ☐

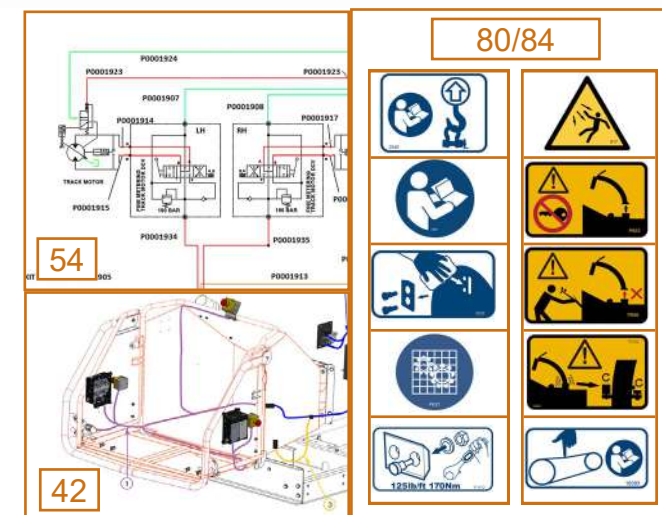
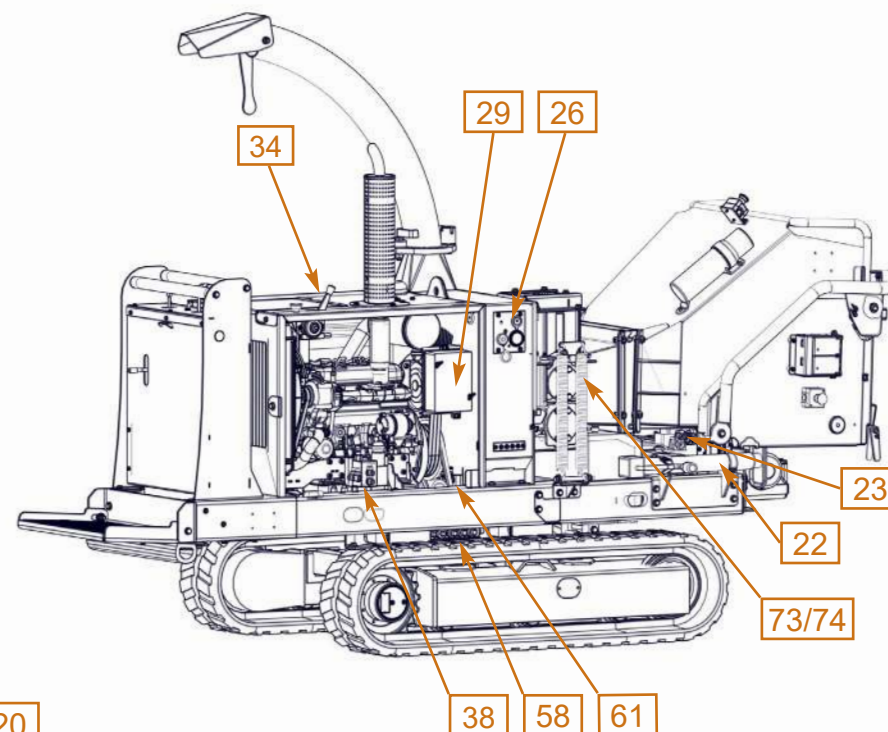
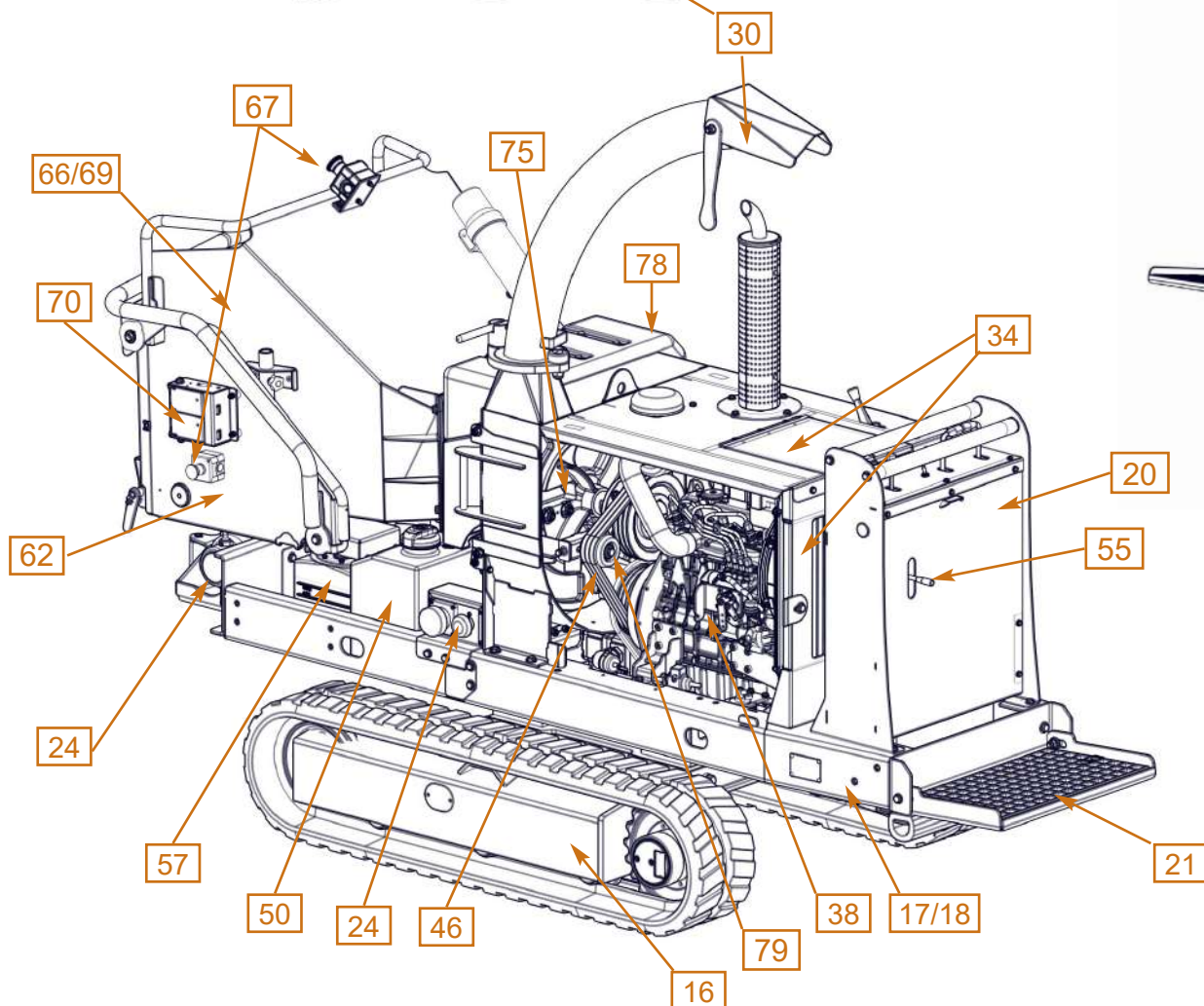


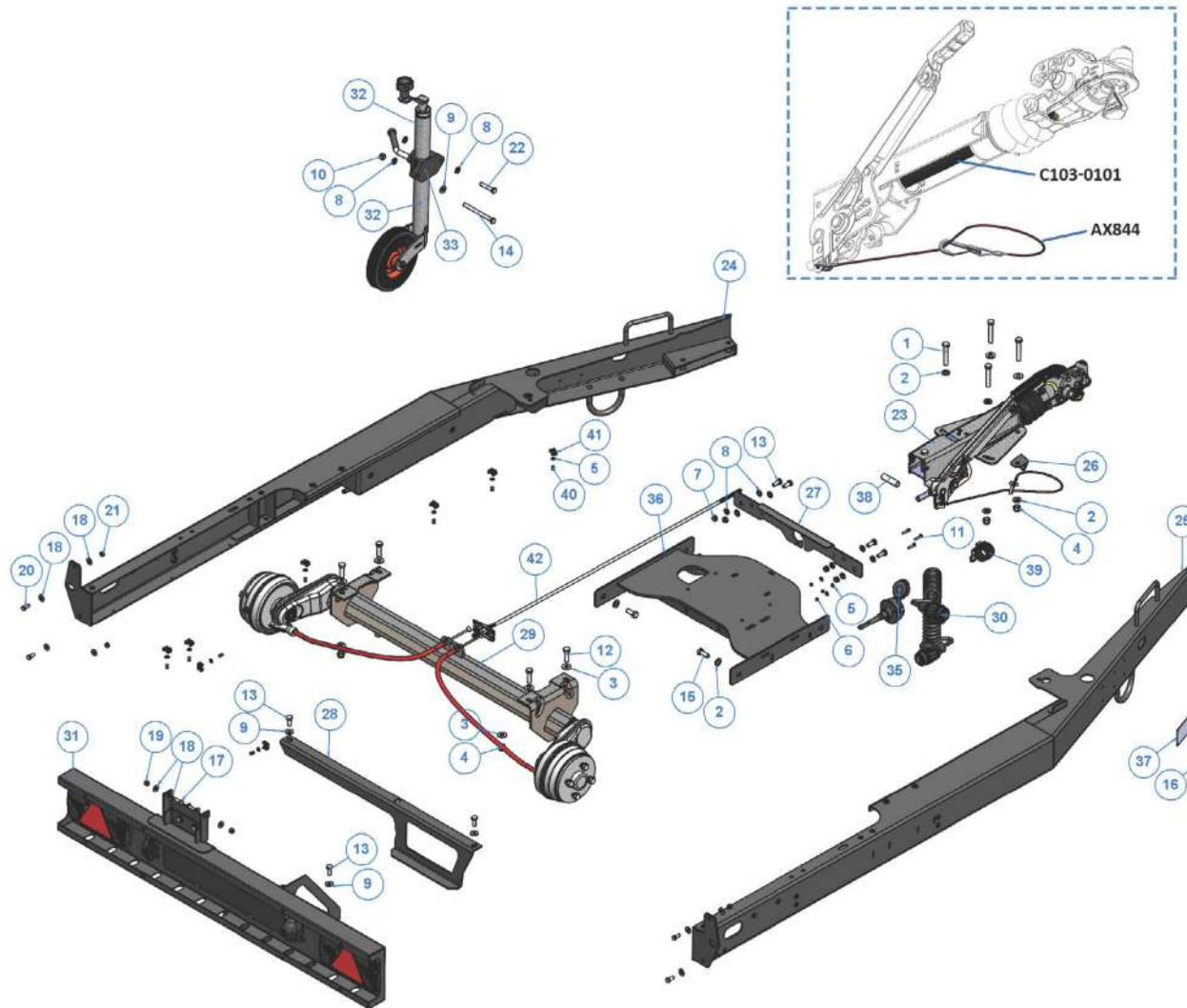
TW 230HB Petrol ☐

TW 230HB Diesel ☐

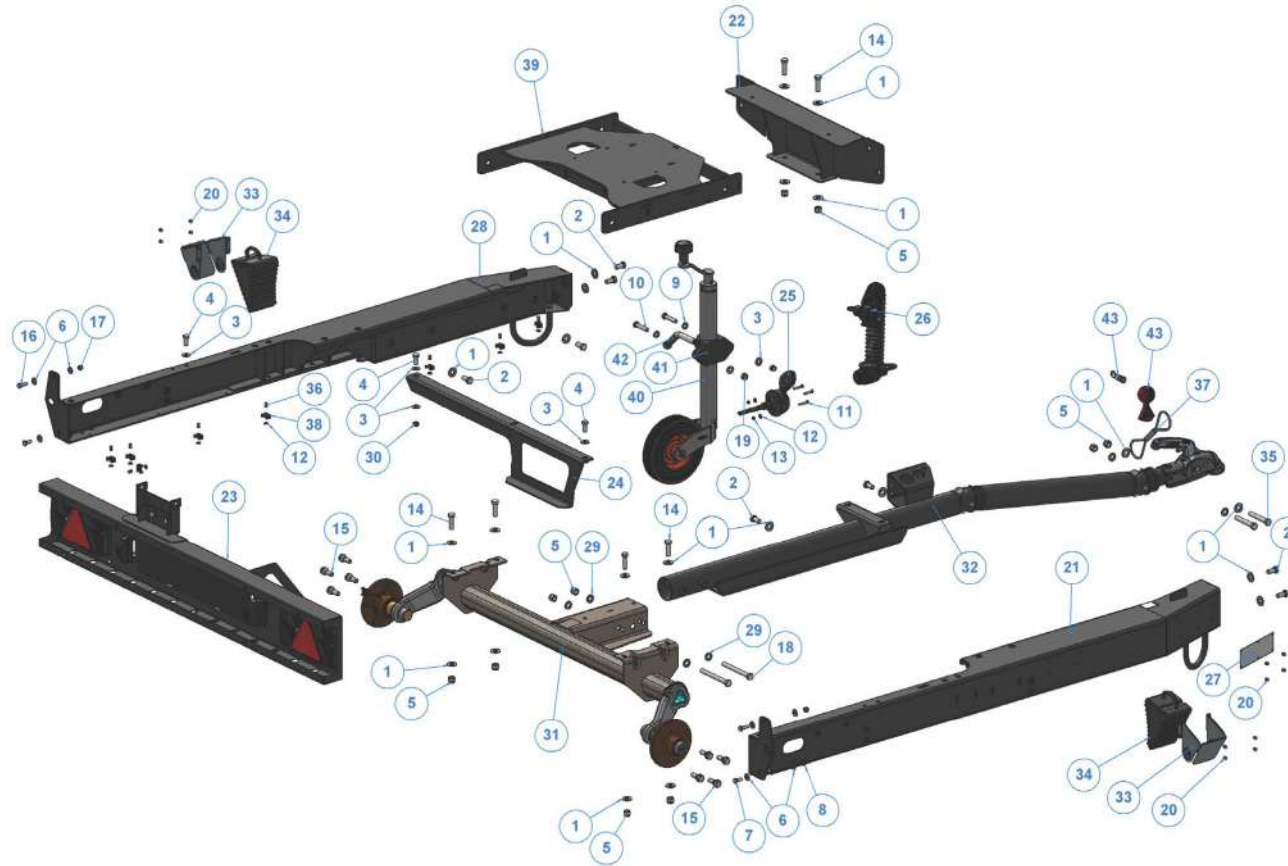
TW 230VTR Petrol ☐

TW 230VTR Diesel ☒

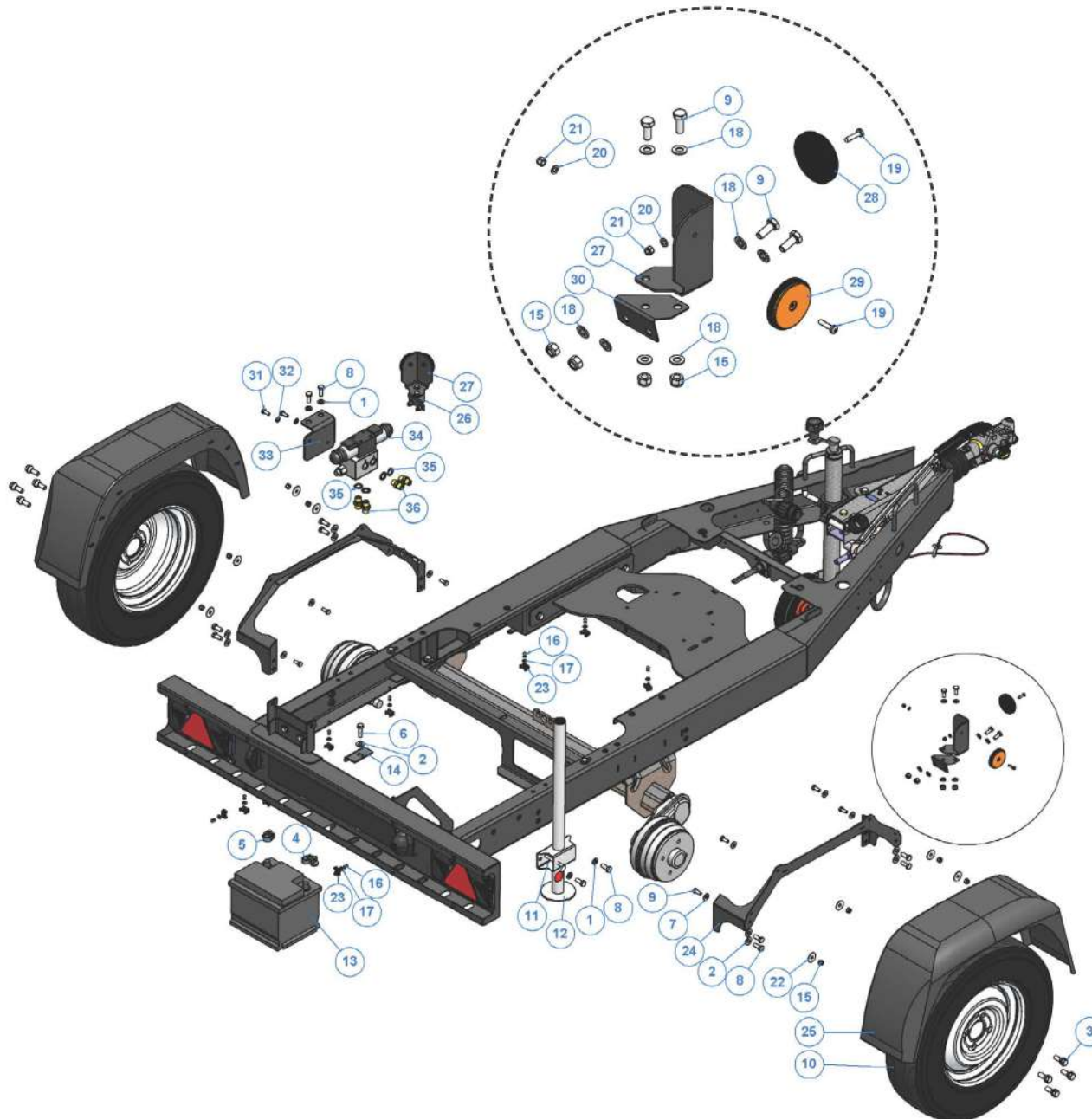


TW 230HB Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☐

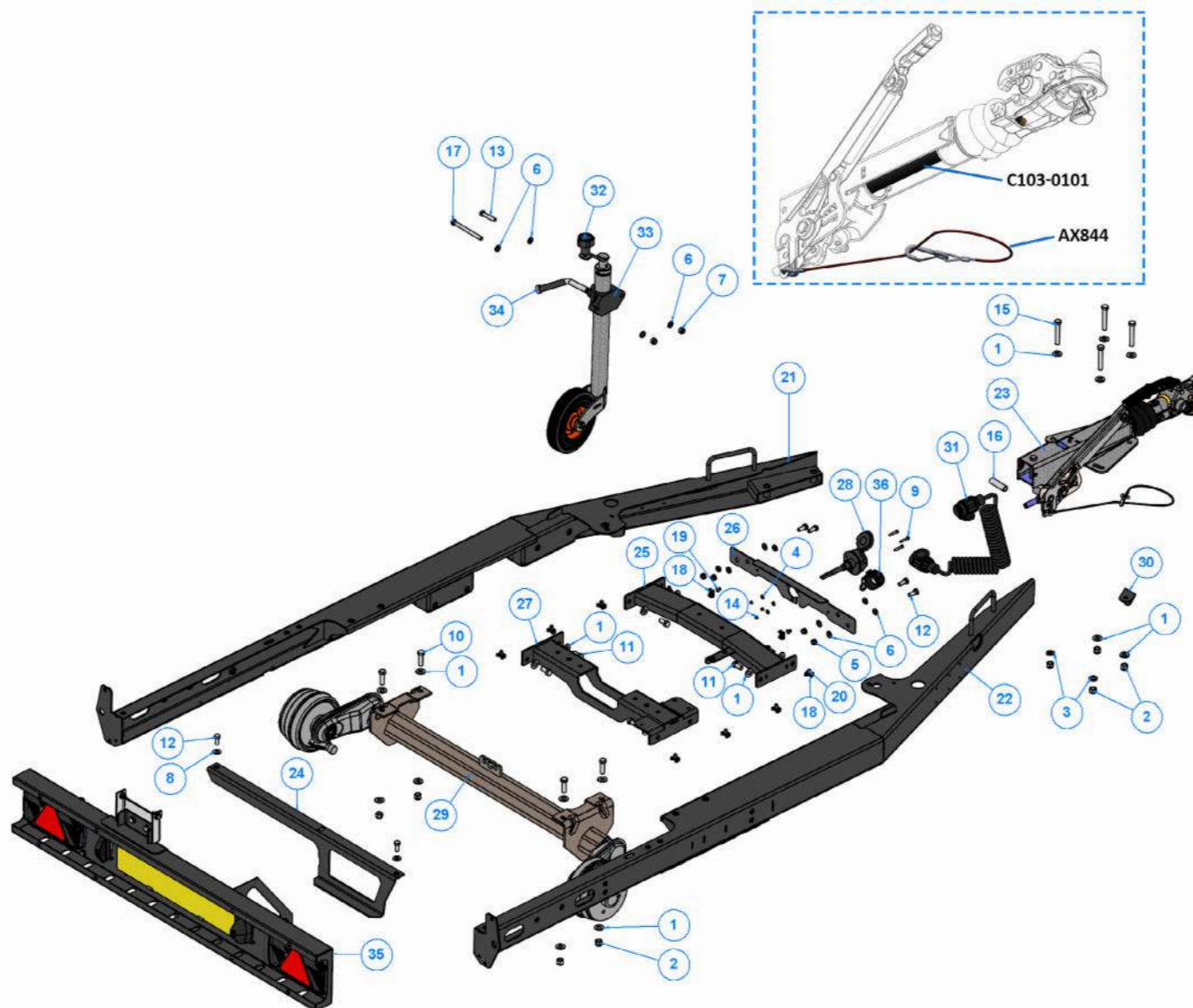
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C008-0818	M12 X 70 HEX SET Z/P 8.8	4
2	C021-0107	M12 STD A WASHER Z/P 8.8	10
3	C021-0127	M12 STD C WASHER Z/P 8.8	10
4	C031-0165	M12 TYPE P NYLOC NUT Z/P	8
5	C021-0122	M6 STD C WASHER Z/P 8.8	12
6	C031-0120	M5 TYPE T NYLOC NUT Z/P	3
7	C031-0124	M10 TYPE T NYLOC NUT Z/P	4
8	C021-0106	M10 STD A WASHER Z/P 8.8	11
9	C021-0126	M10 STD C WASHER Z/P	4
10	C031-0164	M10 TYPE P NYLOC NUT Z/P	2
11	C013-0308	M5 X 25 POZI PAN Z/P 4.8	3
12	C002-0812	M12 X 40 HEX SET Z/P 8.8	4
13	C002-0709	M10 X 25 HEX SET Z/P 8.8	7
14	C002-0726	M10 X 120 HEX SET Z/P 8.8	1
15	C002-0810	M12 X 30 HEX SET Z/P 8.8	4
16	C045-0105	4.8 X 12 ALU/STEEL RIVET	6
17	C002-0609	M8 X 25 HEX SET Z/P 8.8	2
18	C021-0125	M8 STD C WASHER Z/P 8.8	12
19	C031-0163	M8 TYPE P NYLOC NUT Z/P	2
20	C002-0607	M8 X 20 HEX SET Z/P 8.8	4
21	C031-0123	M8 TYPE T NYLOC NUT Z/P	4
22	C002-0714	M10 X 50 HEX SET Z/P 8.8	1
23	P0000074	AL-KO 161 S CAST TOW HEAD	1
24	C132-0113	BEAM CHASSIS OPPOSITE OF C132-0114	1
25	C132-0114	BEAM CHASSIS NS OPPOSITE OF C132-0113	1
26	P0001354F	BREAK AWAY CABLE GUIDE	1
27	P0000863F	BRACKET LIGHT SOCKET	1
28	P0000754F	BRACKET TANK SUPPORT	1
29	C104-0104	AL-KO 750KG BRAKED AXLE	1
30	19658	3.0M CURLY CABLE 13 PIN EURO	1
31	TW230 PAHB LIGHTBOARD	TW230 PAHB LIGHTBOARD	1
32	C108-0103	JOCKEY WHEEL 48mm 200 KG NOSE WEIGHT	1
33	P0001400	CLAMP MODIFIED	1
34	P0001399	CLAMP HANDLE	1
35	P0001404	LED LIGHT HARNESS	1
36	C132-0321	TW230HBP ENGINE BRIDGE ASSEMBLY	1
37	C194-0102	STATUTORY PLATE - CE & ECWVTA	1
38	C082-0123	SPACER FOR P*74 TOW HEAD (AL-KO PART NUMBER: 582700)	1
39	P0001430	7/13 PLUG HOLDER	1
40	C045-0105	4.8 X 12 ALU/STEEL CSK RIVET	9
41	C078-0131	TIE MOUNT	9
42	C105-0101	BRAKE ROD 1150 X 9mm (M10 THREADED BOTH ENDS)	1

TW 230HB(a) Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☐

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0127	M12 STD C WASHER Z/P 8.8	22
2	C002-0809	M12 X 25 HEX SET Z/P 8.8	8
3	C021-0126	M10 STD C WASHER Z/P	6
4	C002-0709	M10 X 25 HEX SET Z/P 8.8	3
5	C031-0165	M12 TYPE P NYLOC NUT Z/P	10
6	C021-0125	M8 STD C WASHER Z/P 8.8	8
7	C002-0607	M8 X 20 HEX SET Z/P 8.8	2
8	C031-0123	M8 TYPE T NYLOC NUT Z/P	2
9	C021-0106	M10 STD A WASHER Z/P 8.8	2
10	C002-0714	M10 X 50 HEX SET Z/P 8.8	2
11	C013-0309	M5 X 30 POZI PAN Z/P 4.8	3
12	C021-0122	M5 STD C WASHER Z/P 8.8	12
13	C031-0120	M5 TYPE T NYLOC NUT Z/P	3
14	C002-0812	M12 X 40 HEX SET Z/P 8.8	6
15	WHEEL BOLT	BOLT M12 1.5 WHEEL - SUPP'D WITH AXLE	8
16	C002-0609	M8 X 25 HEX SET Z/P 8.8	2
17	C031-0163	M8 TYPE P NYLOC NUT Z/P	2
18	C008-0826	M12 X 120 HEX BOLT Z/P 8.8	2
19	C031-0164	M10 TYPE P NYLOC NUT Z/P	2
20	C045-0105	4.8 X 12 ALU/STEEL RIVET	14
21	C132-0331	TW230H(A)P CHASSIS BEAM ASSEMBLY OS	1
22	C132-0338	TW230H(A)P CHASSIS FRONT PLATE ASSY	1
23	TW230 PAHB LIGHTBOARD	TW230 PAHB LIGHTBOARD	1
24	P0000754F	BRACKET TANK SUPPORT	1
25	P0001404	LED LIGHT HARNESS	1
26	19658	3.0M CURLY CABLE 13 PIN EURO	1
27	C194-0102	STATUTORY PLATE - CE & ECWVTA	1
28	C132-0330	TW230H(A)P CHASSIS BEAM ASSEMBLY NS	1
29	C021-0107	M12 STD A WASHER Z/P 8.8	6
30	C031-0124	M10 TYPE T NYLOC NUT Z/P	1
31	P0000827	UNBRAKE AXLE	1
32	P0001455	SWAN NECK	1
33	P0000363	WHEEL CHOCK HOLSTER	2
34	1390	WHEEL CHOCK	2
35	C002-0820	M12 X 80 HEX SET Z/P 8.8	2
36	C045-0105.	4.8 X 12 ALU/STEEL RIVET	9
37	C103-0104	AL-KO ARRESTING CABLE	1
38	C078-0131	TIE MOUNT	9
39	C107-0158	TW230 PETROL ENGINE BRIDGE ASSEMBLY	1
40	C108-0103	JOCKEY WHEEL 48mm 200 KG NOSE WEIGHT	1
41	P0001400	CLAMP MODIFIED	1
42	P0001399	CLAMP HANDLE	1
43	C191-0106	LOCK BARREL WITH SAFETY-BALL	1

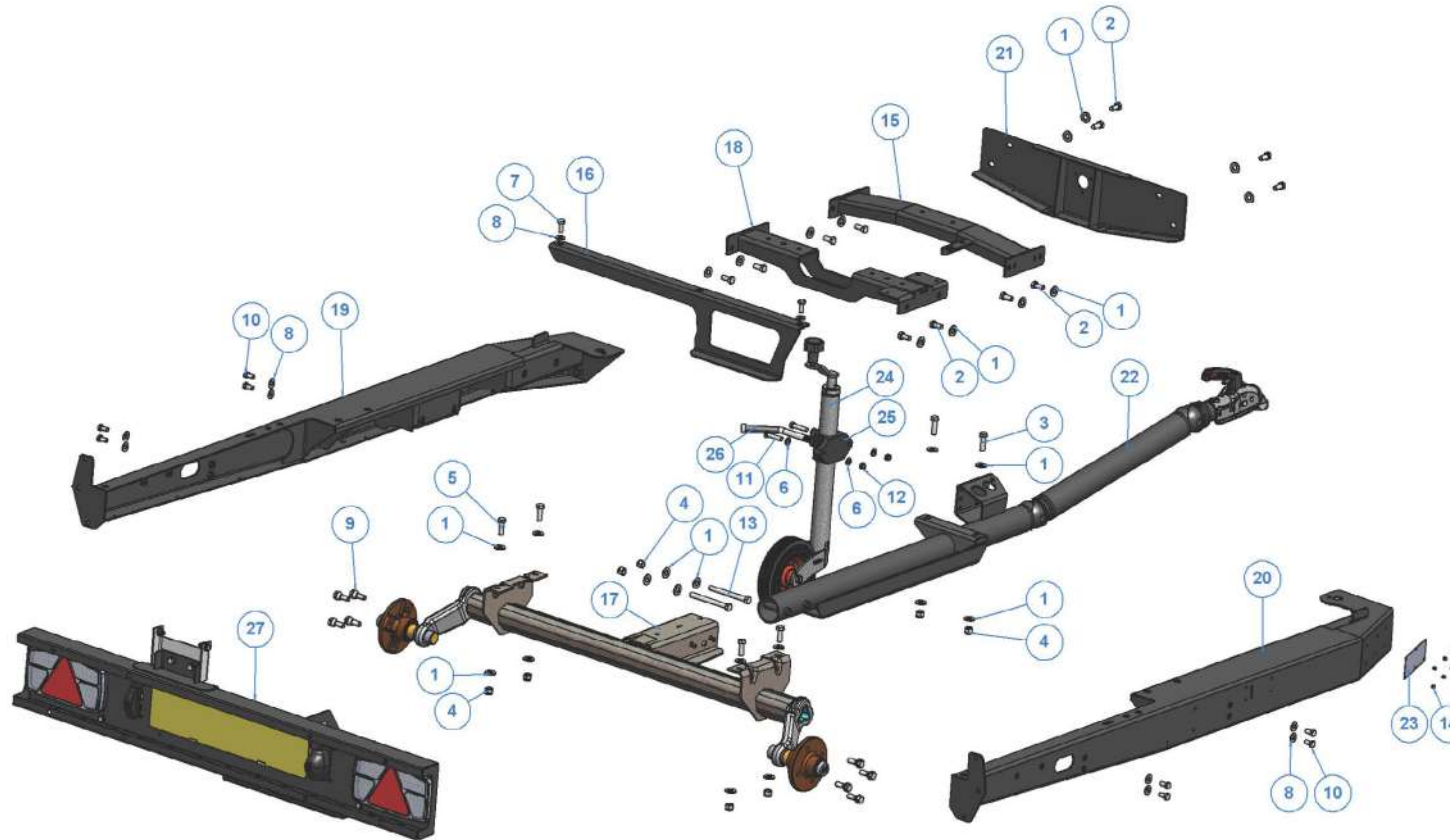
TW 230HB Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☐

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0106	M10 STD A WASHER Z/P 8.8	7
2	C021-0126	M10 STD C WASHER Z/P	11
3	WHEEL BOLT	BOLT M12 1.5 WHEEL - SUPP'D WITH AXLE	8
4	4074 TERMINAL -	BATTERY TERMINAL KIT -	1
5	4074 TERMINAL +	BATTERY TERMINAL KIT +	1
6	C002-0711	M10 X 35 HEX SET Z/P 8.8	1
7	C021-0125	M8 STD C WASHER Z/P 8.8	16
8	C002-0709	M10 X 25 HEX SET Z/P 8.8	13
9	C002-0607	M8 X 20 HEX SET Z/P 8.8	20
10	P0002292	WHEEL 13 INCH TYRE 175	2
11	P0002192	CLAMP PROP STAND	1
12	P0001309	PROP STAND	1
13	4210	BATTERY 12V	1
14	P0000801F	BATTERY CLAMP BRACKET	1
15	C031-0163	M8 TYPE P NYLOC NUT Z/P	16
16	C045-0105.	4.8 X 12 ALU/STEEL CSK RIVET	9
17	C021-0122	M5 STD C WASHER Z/P 8.8	9
18	C021-0105	M8 STD A WASHER Z/P 8.8	16
19	C013-0307	M5 X 20 POZI PAN Z/P 4.8	4
20	C021-0102	M5 STD A WASHER Z/P 8.8	4
21	C031-0160	M5 TYPE P NYLOC NUT Z/P	4
22	C024-0103	M8 X 30 MUDGUARD WASHER Z/P 8.8	8
23	C078-0131	TIE MOUNT	9
24	P0000665F	MOUNT MUDGUARD	2
25	P0002291	MUDGUARD	2
26	P0001250F	BRACKET REFLECTOR MUDGUARD NS OPPOSITE OF P0001251F	1
27	18919	SUPPORT FOR LIGHT REFLECTOR	2
28	18922	REFLECTOR CLEAR ROUND FRONT	2
29	18923	REFLECTOR AMBER ROUND SIDE	2
30	P0001251F	BRACKET REFLECTOR MUDGUARD OS OPPOSITE OF P0001250F	1
31	C002-0607	M8 X 20 HEX SET Z/P 8.8	2
32	C021-0105	M8 STD A WASHER Z/P 8.8	2
33	P0003453F	CEE TOP BRACKET ASSEMBLY	1
34	19369	DIRECTIONAL CONTROL VALVE NO FILTER	1
35	HY396	WASHER DOWTY 3/8"	4
36	HY161	ADAPTOR MM 3/8 - 3/8	4

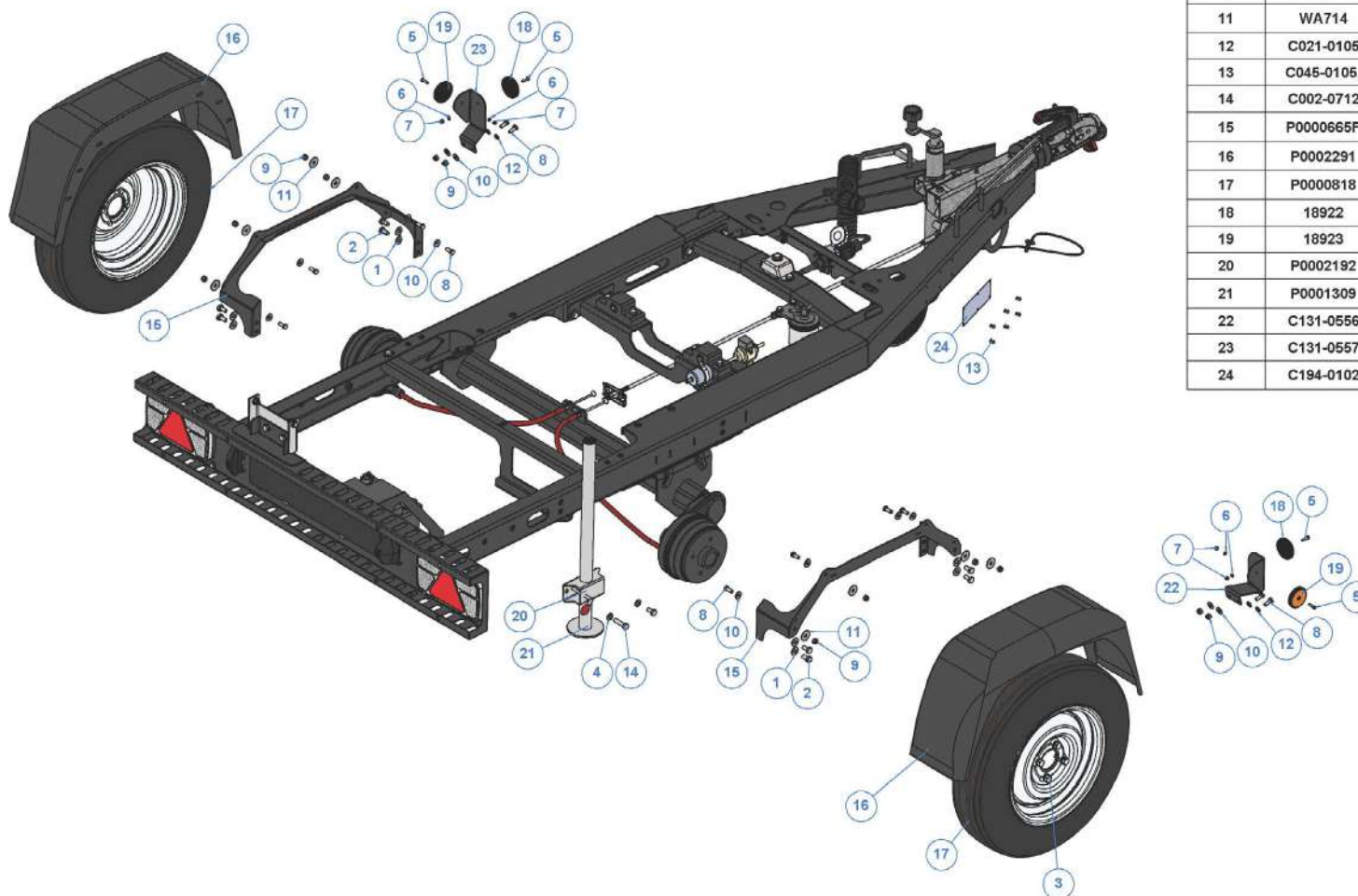
TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

*A1 Chassis and earlier use P00000074 with bolt on jockey wheel. A2 Chassis use C103-0146 with integrated jockey wheel clamp.

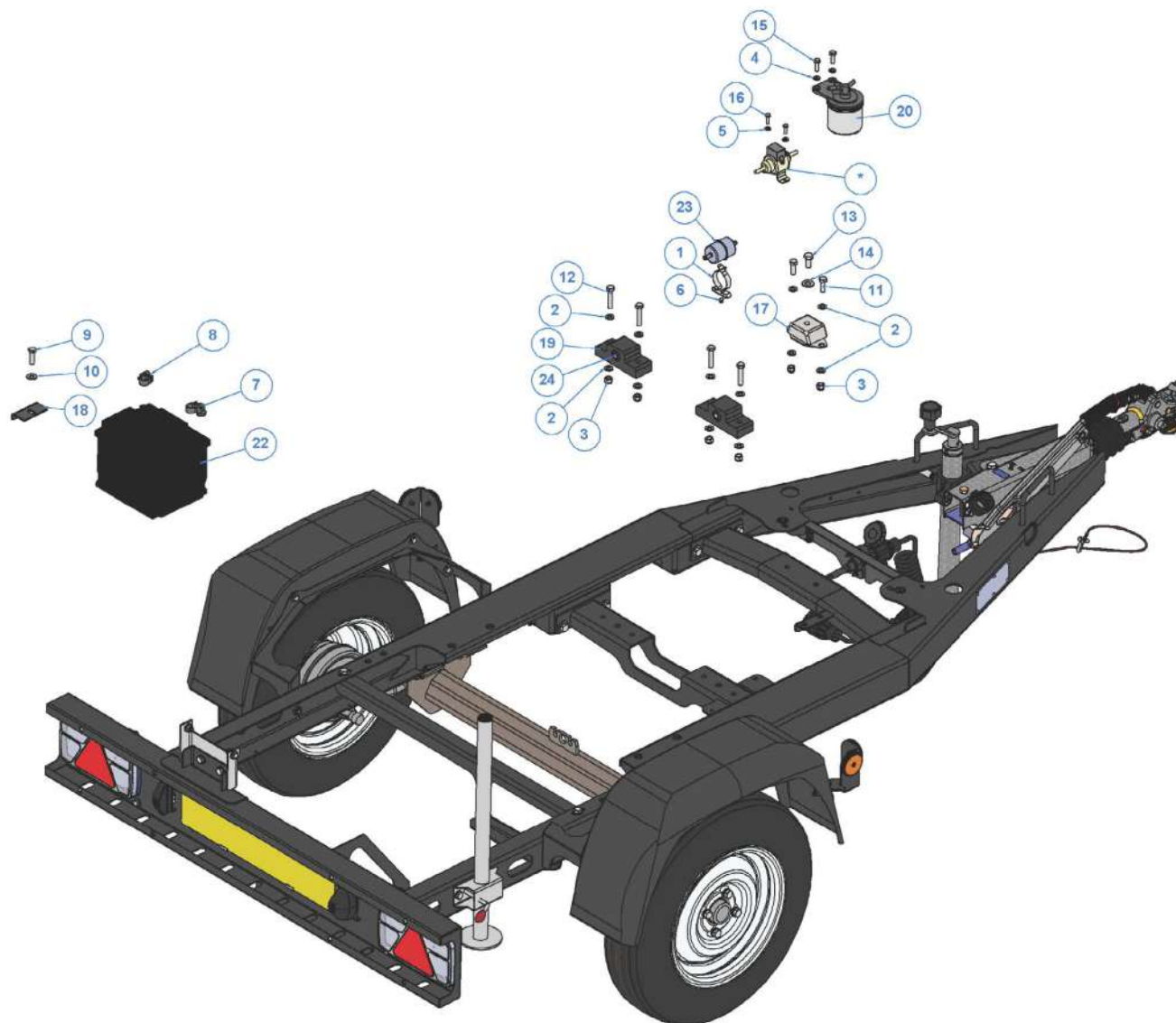
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0127	M12 STD C WASHER Z/P 8.8	22
2	C031-0165	M12 TYPE P NYLOC NUT Z/P	8
3	C021-0107	M12 STD A WASHER Z/P 8.8	2
4	C021-0122	M5 STD C WASHER Z/P 8.8	13
5	C031-0124	M10 TYPE T NYLOC NUT Z/P	4
6	C021-0106	M10 STD A WASHER Z/P 8.8	12
7	C031-0164	M10 TYPE P NYLOC NUT Z/P	2
8	C021-0126	M10 STD C WASHER Z/P	2
9	C013-0309	M5 x 30 Pozl Pan Z/P 4.8	3
10	C002-0812	M12 x 40 Hex Set Z/P 8.8	4
11	C002-0809	M12 x 25 Hex Set Z/P 8.8	8
12	C002-0709	M10 x 25 Hex Set Z/P 8.8	6
13	C002-0714	M10 x 50 Hex Set Z/P 8.8	1
14	C031-0120	M5 TYPE T NYLOC NUT Z/P	3
15	C002-0830	M12 x 75 Hex Bolt Z/P 8.8	4
16	C082-0123	SPACER FOR P*74 TOW HEAD (AL-KO PART NUMBER: 582700)	1
17	C002-0726	M10 x 120 Hex Set Z/P 8.8	1
18	C078-0131	TIE MOUNT	10
19	C045-0105	4.8 x 12 Alu/Steel CSK Rivet	2
20	C045-0104	4.8 x 16 Alu/Steel CSK Rivet	8
21	C132-0155	TW230 DHB Chassis Beam NS (opp hand C132-0156)	1
22	C132-0156	TW230 DHB Chassis Beam NS (opp hand C132-0155)	1
23	P0000074 *	Al-ko 161 S Cast Tow Head	1
24	P0000754F	Bracket Tank Support	1
25	P000857F	Bracket Engine Front	1
26	P0000863F	Bracket Light Socket	1
27	P0000865F	Bracket Engine Rear Lower	1
28	P0001404	Led Light Harness	1
29	P0001306	Al-ko 1000kg braked axle	1
30	P0001354F	BREAK AWAY CABLE GUIDE	1
31	19658	3.0M Curly Cable 13 Pin Euro	1
32	C108-0103	Jockey Wheel 48mm 200 kg Nose Weight	1
33	P0001400	Clamp Modified	1
34	P0001399	CLAMP HANDLE	1
35	TW230 HBD Lightboard	TW230 HBD Lightboard	1
36	P0001430	7/13 Plug Holder	1

TW 230HB Petrol ☐TW 230H(a) Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

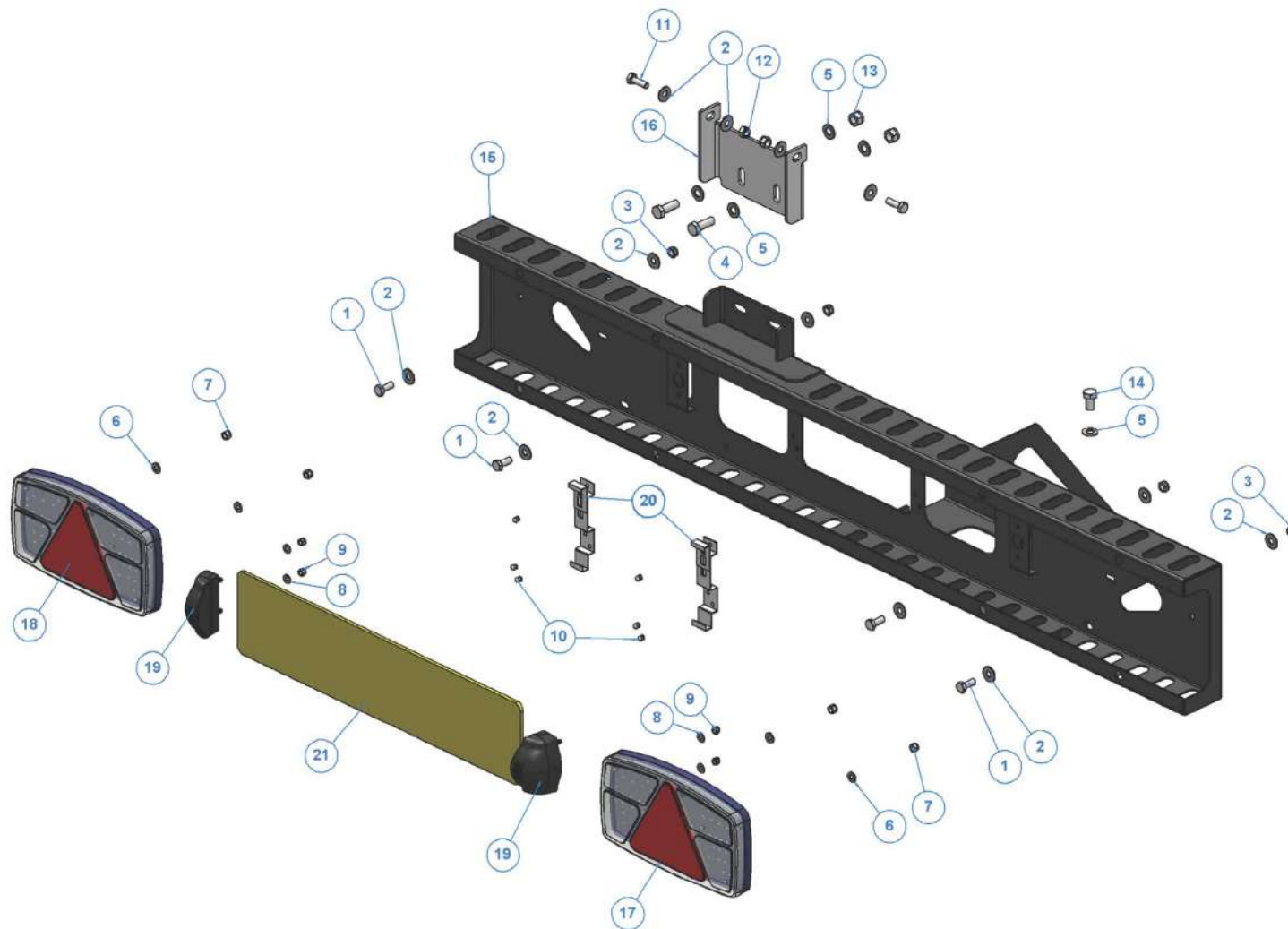
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0127	M12 STD C WASHER Z/P 8.8	28
2	C002-0809	M12 x 25 Hex Set Z/P 8.8	12
3	C002-0812	M12 x 40 Hex Set Z/P 8.8	2
4	C031-0165	M12 TYPE P NYLOC NUT Z/P	8
5	C002-0811	M12 x 35 Hex Set Z/P 8.8	4
6	C021-0106	M10 STD A WASHER Z/P 8.8	4
7	C002-0709	M10 x 25 Hex Set Z/P 8.8	2
8	C021-0126	M10 STD C WASHER Z/P	10
9	Wheel bolt	Bolt M12 1.5 Wheel - Supp'd with axle	8
10	C002-0707	M10 x 20 HEX SET Z/P 8.8	8
11	C002-0713	M10 x 45 Hex Set Z/P 8.8	2
12	C031-0124	M10 TYPE T NYLOC NUT Z/P	2
13	C002-0826	M12 x 120 Hex Set Z/P 8.8	2
14	C045-0105	4.8 x 8 Alu/Steel Rivet	6
15	P000857F	Bracket Engine Front	1
16	P0000754F	Bracket Tank Support	1
17	P0000827	Unbrake Axle	1
18	P0000865F	Bracket Engine Rear Lower	1
19	P0001350F	Beam Chassis NS Opposite of P0001351F	1
20	P0001351F	Beam Chassis NS Opposite os P0001351F	1
21	P0001353F	Bracket Chassis Adjustable Tow Head	1
22	P0001455	Swan Neck	1
23	C194-0102	Statutory Plate - CE & ECWVTA	1
24	C108-0103	Jockey Wheel 48mm 200 kg Nose Weight	1
25	P0001400	Clamp Modified	1
26	P0001399	CLAMP HANDLE	1
27	TW230 HBD Lightboard	TW230 HBD Lightboard	1

TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

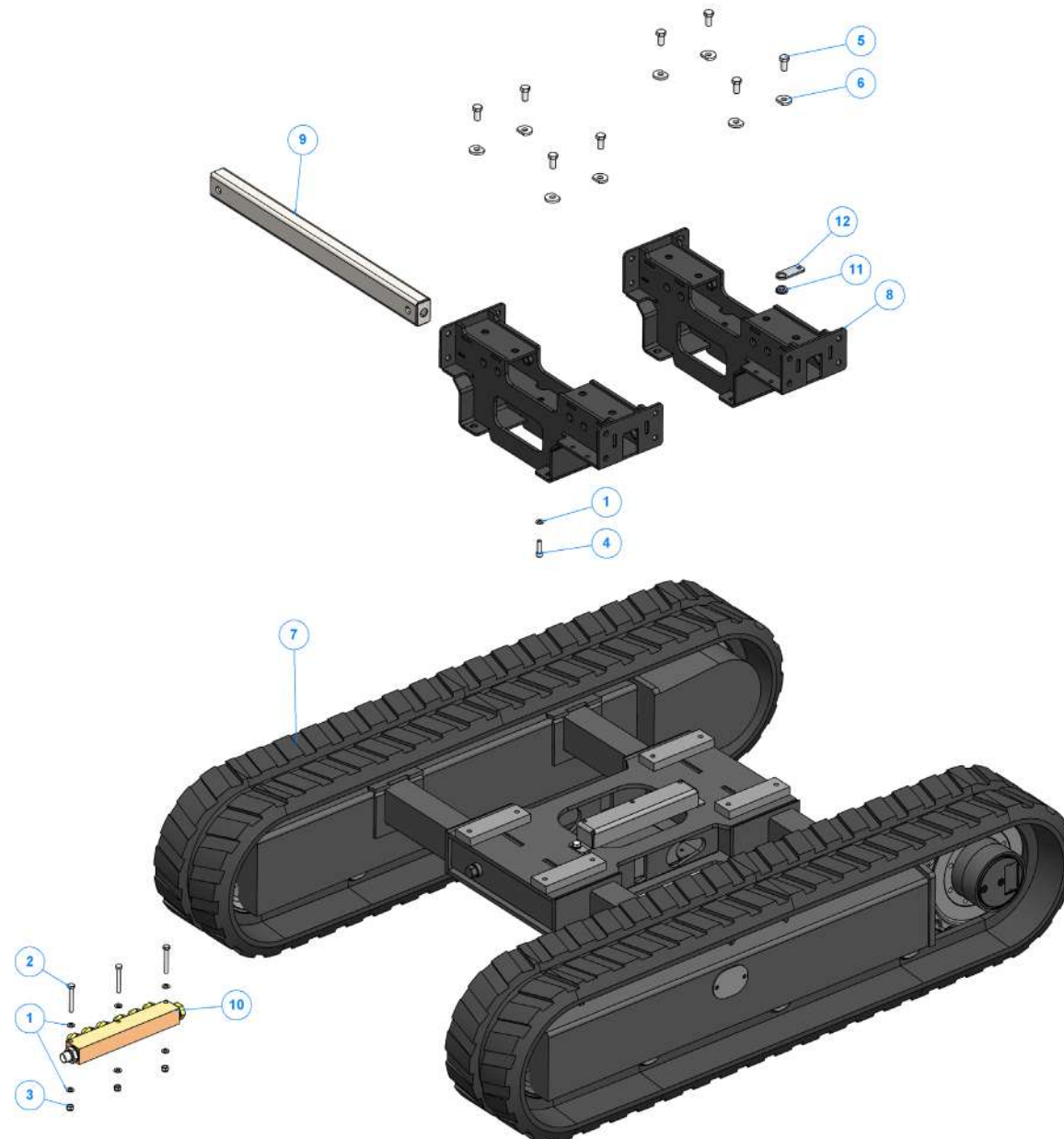
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0126	M10 STD C WASHER Z/P	8
2	C002-0707	M10 X 20 HEX SET Z/P 8.8	9
3	WHEEL BOLT	BOLT M12 1.5 WHEEL - SUPP'D WITH AXLE	8
4	C021-0106	M10 STD A WASHER Z/P 8.8	2
5	C013-0307	M5 X 20 POZI PAN Z/P 4.8	4
6	C021-0102	M5 STD A WASHER Z/P 8.8	4
7	C031-0160	M5 TYPE P NYLOC NUT Z/P	4
8	C002-0607	M8 X 20 HEX SET Z/P 8.8	12
9	C031-0163	M8 TYPE P NYLOC NUT Z/P	12
10	C021-0125	M8 STD C WASHER Z/P 8.8	12
11	WA714	M8X30 MUDGUARD WASHER BZP.	8
12	C021-0105	M8 STD A WASHER Z/P 8.8	4
13	C045-0105	4.8 X 12 ALU/STEEL RIVET	6
14	C002-0712	M10 X 40 HEX SET Z/P 8.8	1
15	P0000665F	MOUNT MUDGUARD	2
16	P0002291	MUDGUARD	2
17	P0000818	WHEEL 13 INCH TYRE 185	2
18	18922	REFLECTOR CLEAR ROUND FRONT	2
19	18923	REFLECTOR AMBER ROUND SIDE	2
20	P0002192	CLAMP PROP STAND	1
21	P0001309	PROP STAND	1
22	C131-0556	OS REFLECTOR BRACKET	1
23	C131-0557	NS REFLECTOR BRACKET	1
24	C194-0102	STATUTORY PLATE - CE & ECWVTA	1

TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

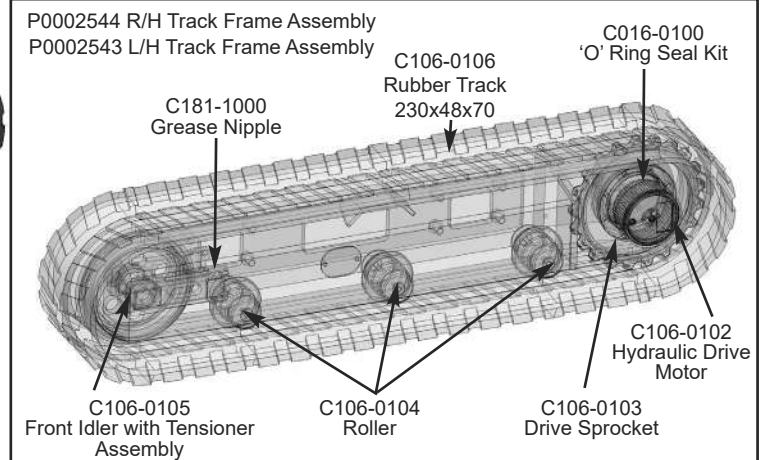
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	18197	SPRING CLIP	1
2	C021-0106	M10 STD A WASHER Z/P 8.8	12
3	C031-0164	M10 TYPE P NYLOC NUT Z/P	7
4	C021-0105	M8 STD A WASHER Z/P 8.8	2
5	C021-0123	M6 STD C WASHER Z/P 8.8	2
6	C045-0102	4.8 X 12 ALU/STEEL CSK RIVET	1
7	4074 TERMINAL -	BATTERY TERMINAL KIT -	1
8	4074 TERMINAL +	BATTERY TERMINAL KIT +	1
9	C002-0711	M10 X 35 HEX SET Z/P 8.8	1
10	C021-0126	M10 STD C WASHER Z/P	2
11	C002-0710	M10 X 30 HEX SET Z/P 8.8	2
12	C002-0714	M10 X 50 HEX SET Z/P 8.8	4
13	C002-0809	M12 X 25 HEX SET Z/P 8.8	1
14	C021-0127	M12 STD C WASHER Z/P 8.8	1
15	C002-0609	M8 X 25 HEX SET Z/P 8.8	2
16	C002-0407	M6 X 20 HEX SET Z/P 8.8	2
17	P0000398	ENGINE AV MOUNT	1
18	P0000801F	BATTERY CLAMP BRACKET	1
19	P0001635M	SQUARE BOSS AV MOUNT ENGINE	2
20	0085	FUEL FILTER	1
21	0807	FUEL PUMP	1
22	4210	BATTERY 12V	1
23	4315	PRE- FUEL FILTER	1
24	18522	AV BUSH ENGINE MOUNT M12	2
25	P0001430	7/13 PLUG HOLDER	1

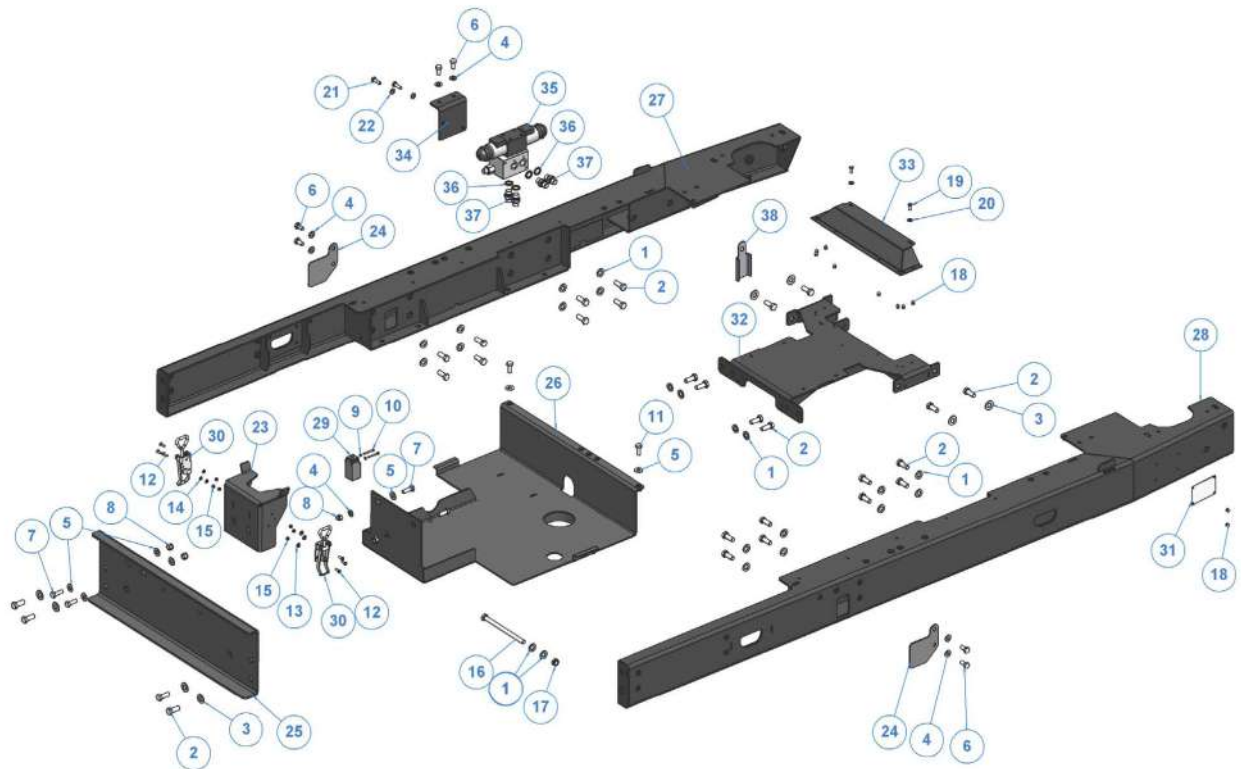
TW 230HB Petrol ☒TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0607	M8 X 20 HEX SET Z/P 8.8	4
2	C021-0126	M8 STD C WASHER Z/P 8.8	12
3	C031-0123	M8 TYPE T NYLOC NUT Z/P	4
4	C002-0710	M10 X 30 HEX SET Z/P 8.8	2
5	C021-0106	M10 STD A WASHER Z/P 8.8	5
6	C021-0123	M6 STD C WASHER Z/P 8.8	4
7	C031-0161	M6 TYPE P NYLOC NUT Z/P	4
8	C021-0122	M5 STD C WASHER Z/P 8.8	4
9	C031-0160	M5 TYPE P NYLOC NUT Z/P	4
10	C045-0100	4 X 10 ALU/STEEL RIVET	6
11	C002-0609	M8 X 25 HEX SET Z/P 8.8	2
12	C031-0163	M8 TYPE P NYLOC NUT Z/P	2
13	C031-0164	M10 TYPE P NYLOC NUT Z/P	2
14	C002-0707	M10 X 20 HEX SET Z/P 8.8	1
15	P0000864F C131-0520	LIGHTBOARD ASSEMBLY (PETROL) LIGHTBOARD ASSEMBLY (DIESEL)	1 1
16	P0000802F	BRACKET FUNNEL SUPPORT	1
17	P0001406	O/S LED CLUSTER	1
18	P0001405	N/S LED CLUSTER	1
19	P0001407	LIGHTING ASSEMBLY LED	2
20	17895	CLIP NUMBER PLATE	2
21	NUMBER PLATE MOCK UP	NUMBER PLATE MOCK UP	1

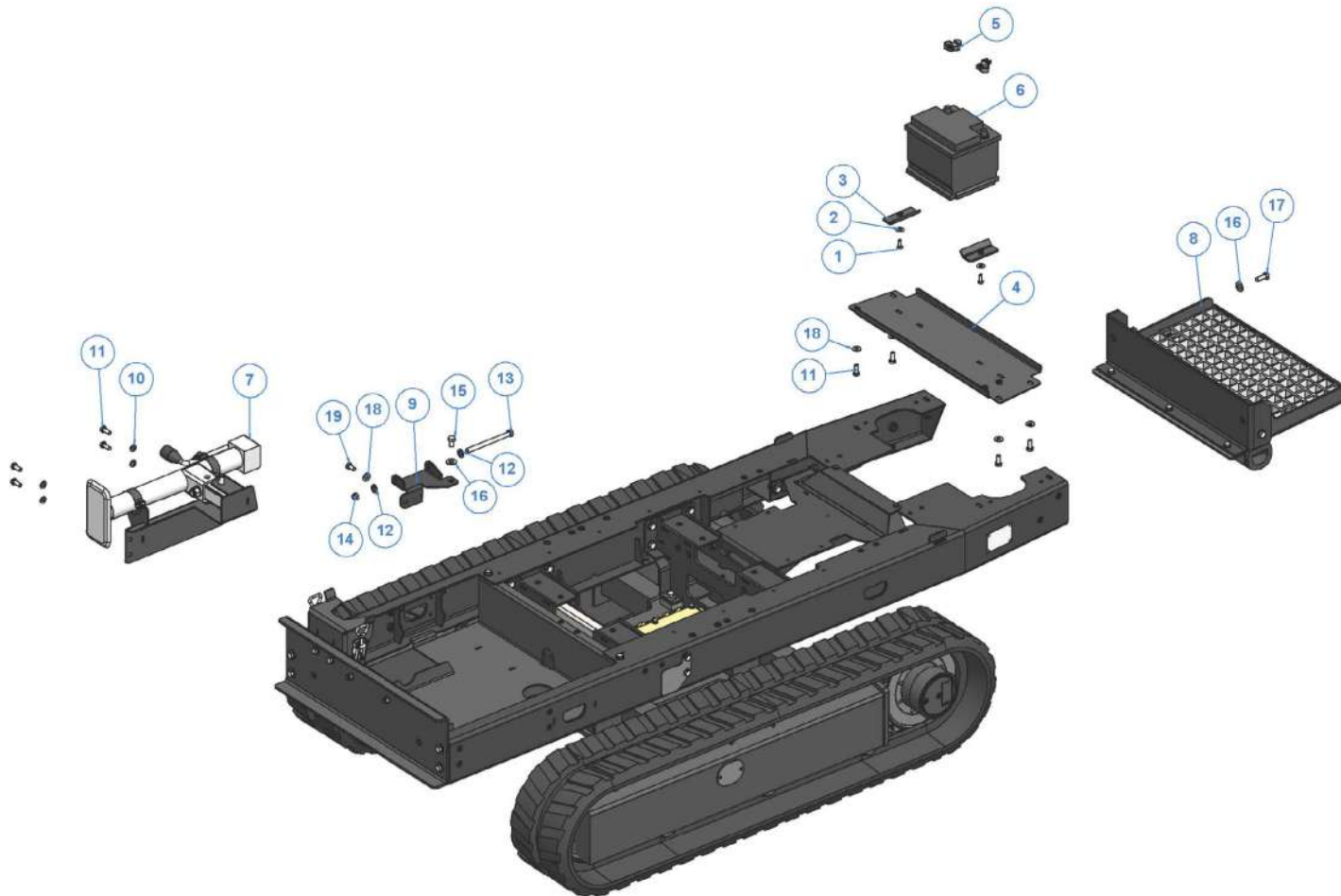
TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0105	M8 STD A WASHER Z/P 8.8	7
2	C002-0616	M8 x 60 Hex Set Z/P 8.8	3
3	C031-0163	M8 TYPE P NYLOC NUT Z/P	3
4	C005-0610	M8 x 30 Skt Cap Z/P 12.9	1
5	C002-0809	M12 x 25 Hex Set Z/P 8.8	8
6	C024-0110	M12 VTR Track Base Washer Stainless Steel 316	8
7	P0001666	VARIABLE WIDTH TRACK BASE	1
8	C146-0162	TW230VTR CHASSIS STAND-OFF ASSY	2
9	P0001678F	Jacking Beam	1
10	TW230 VTR Hydraulic Manifold Assembly	TW 230 VTR Hydraulic Manifold Assembly	1
11	C082-0135	HOSE CLIP SPACER	1
12	C082-0136	HOSE CLIP PLATE	1

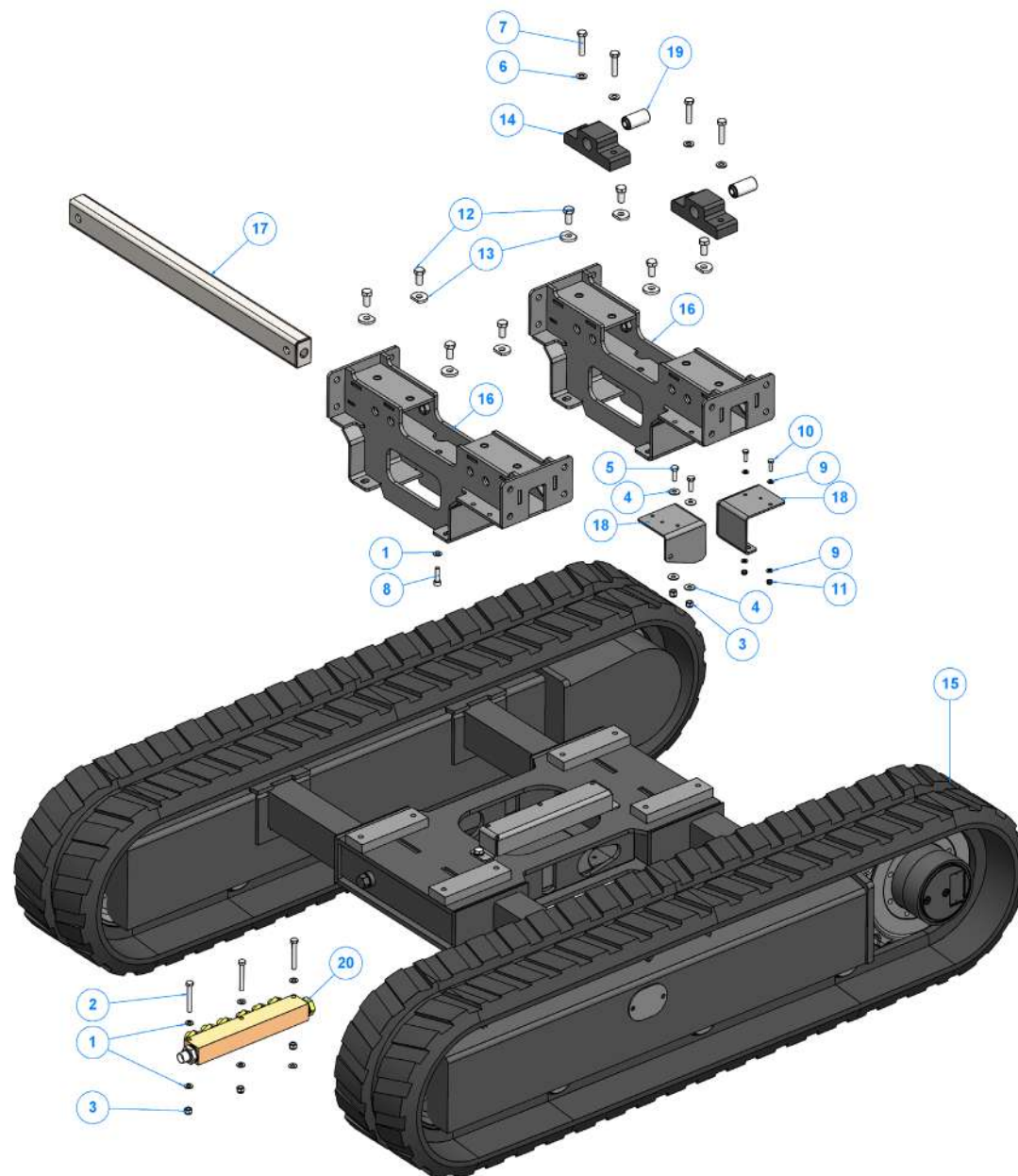


TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0107	M12 STD A WASHER Z/P 8.8	22
2	C002-0810	M12 X 30 HEX SET Z/P 8.8	28
3	C021-0127	M12 STD C WASHER Z/P 8.8	8
4	C021-0106	M10 STD A WASHER Z/P 8.8	8
5	C021-0126	M10 STD C WASHER Z/P	8
6	C002-0707	M10 X 20 HEX SET Z/P 8.8	6
7	C002-0710	M10 X 30 HEX SET Z/P 8.8	4
8	C031-0164	M10 TYPE P NYLOC NUT Z/P	4
9	C021-0101	M4 STD A WASHER Z/P 8.8	2
10	C013-0210	M4 X 35 POZI PAN Z/P 4.8	2
11	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
12	C015-0305	M5 X 16 SKT CSK SET Z/P 10.9	6
13	C021-0122	M5 STD C WASHER Z/P 8.8	3
14	C021-0102	M5 STD A WASHER Z/P 8.8	3
15	C031-0120	M5 TYPE T NYLOC NUT Z/P	6
16	C002-0830	M12 X 170 HEX BOLT Z/P 8.8	1
17	C031-0125	M12 TYPE T NYLOC NUT Z/P	1
18	C045-0105	4.8 X 12 ALU/STEEL RIVET	12
19	C002-0405	M6 X 16 HEX SET Z/P 8.8	2
20	C021-0123	M6 STD C WASHER Z/P 8.8	2
21	C002-0609	M8 X 25 HEX SET Z/P 8.8	2
22	C021-0105	M8 STD A WASHER Z/P 8.8	2
23	C107-0155	TW230VTRP FUNNEL SUPPORT ASSEMBLY	1
24	P0001689	JACKING BEAM COVER PLATE	2
25	P0001717F	BRACKET CHASSIS WINCH	1
26	C131-0486	TW230VTR PLATE TANK SUPPORT GUARD ASSEMBLY	1
27	C132-0316	TW230VTR CHASSIS BEAM OS	1
28	C132-0317	TW230VTR CHASSIS BEAM NS	1
29	EL1348	SWITCH LIMIT (METAL PLUNGER)	1
30	4092	OVER CENTRE CATCH	2
31	C194-0103	STATUTORY PLATE - CE	1
32	C107-0148	TW230VTRP ENGINE BRIDGE ASSEMBLY	1
33	C137-0152	TW230VTRP FRONT ENGINE CHASSIS COVER	1
34	C107-0154	TW230VTRP DCV BRACKET	1
35	19369	DIRECTIONAL CONTROL VALVE NO FILTER	1
36	HY396	WASHER DOWTY 3/8"	4
37	HY161	ADAPTOR MM 3/8 - 3/8	4
38	C137-0192	HOSE GUARD	1

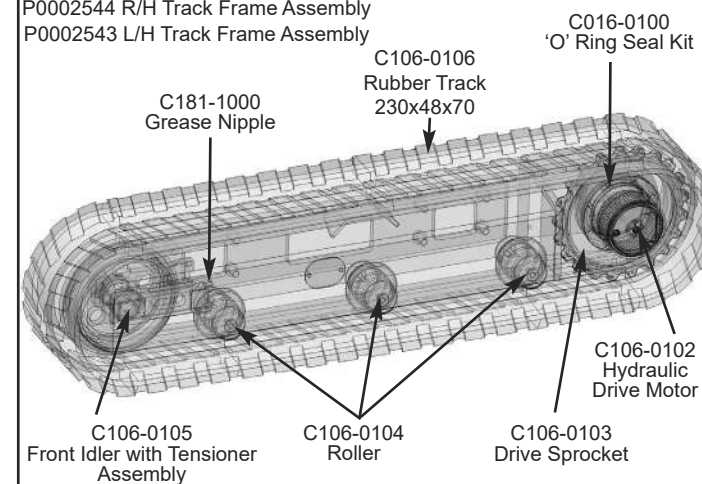
TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

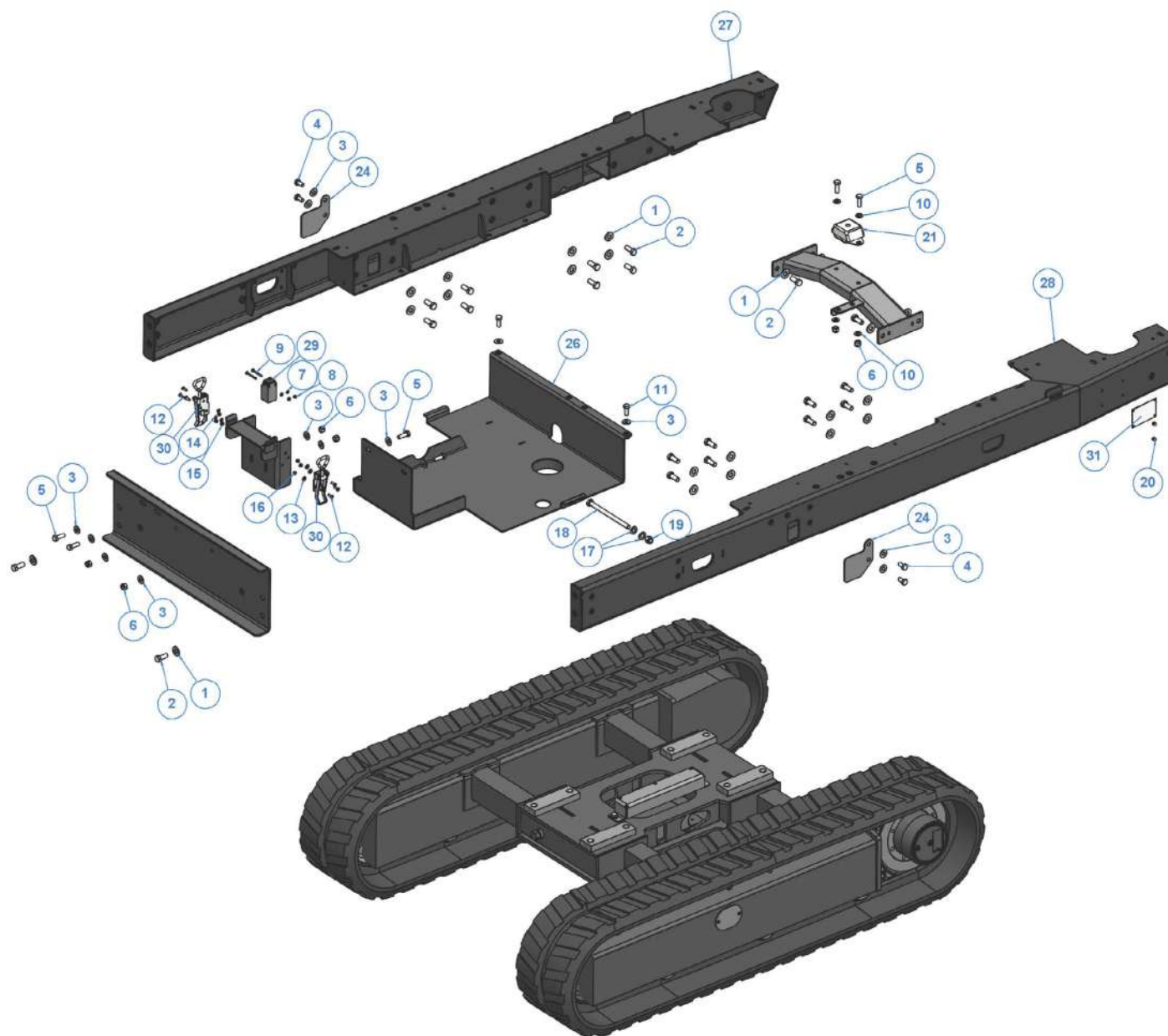
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0607	M8 X 20 HEX SET Z/P 8.8	1
2	C021-0126	M8 STD C WASHER Z/P 8.8	1
3	P0002617F	BATTERY CLAMP	1
4	C132-0376	TW230VTR BATTERY TRAY ASSY	1
5	4074	BATTERY TERMINALS KIT	1
6	4210	BATTERY 12V	1
7	TW230 VTR BULLDOG JACK AND BRACKET ASSEMBLY	BULLDOG JACK AND BRACKET ASSEMBLY	1
8	TW230 VTR STEP	TW 230 VTR STEP	1
9	C131-0478	TW230VTRP SPRING HANGER OS ASSEMBLY	1
10	C021-0106	M10 STD A WASHER Z/P 8.8	4
11	C002-0709	M10 X 25 HEX SET Z/P 8.8	8
12	C021-0107	M12 STD A WASHER Z/P 8.8	2
13	C007-0829	M8 X 150 HEX BOLT Z/P 8.8	1
14	C031-0125	M12 TYPE T NYLOC NUT Z/P	1
15	C002-0807	M12 X 20 HEX SET Z/P 8.8	1
16	C021-0127	M12 STD C WASHER Z/P 8.8	3
17	C002-0810	M12 X 30 HEX SET Z/P 8.8	2
18	C021-0126	M10 STD C WASHER Z/P	5
19	C002-0707	M10 X 20 HEX SET Z/P 8.8	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

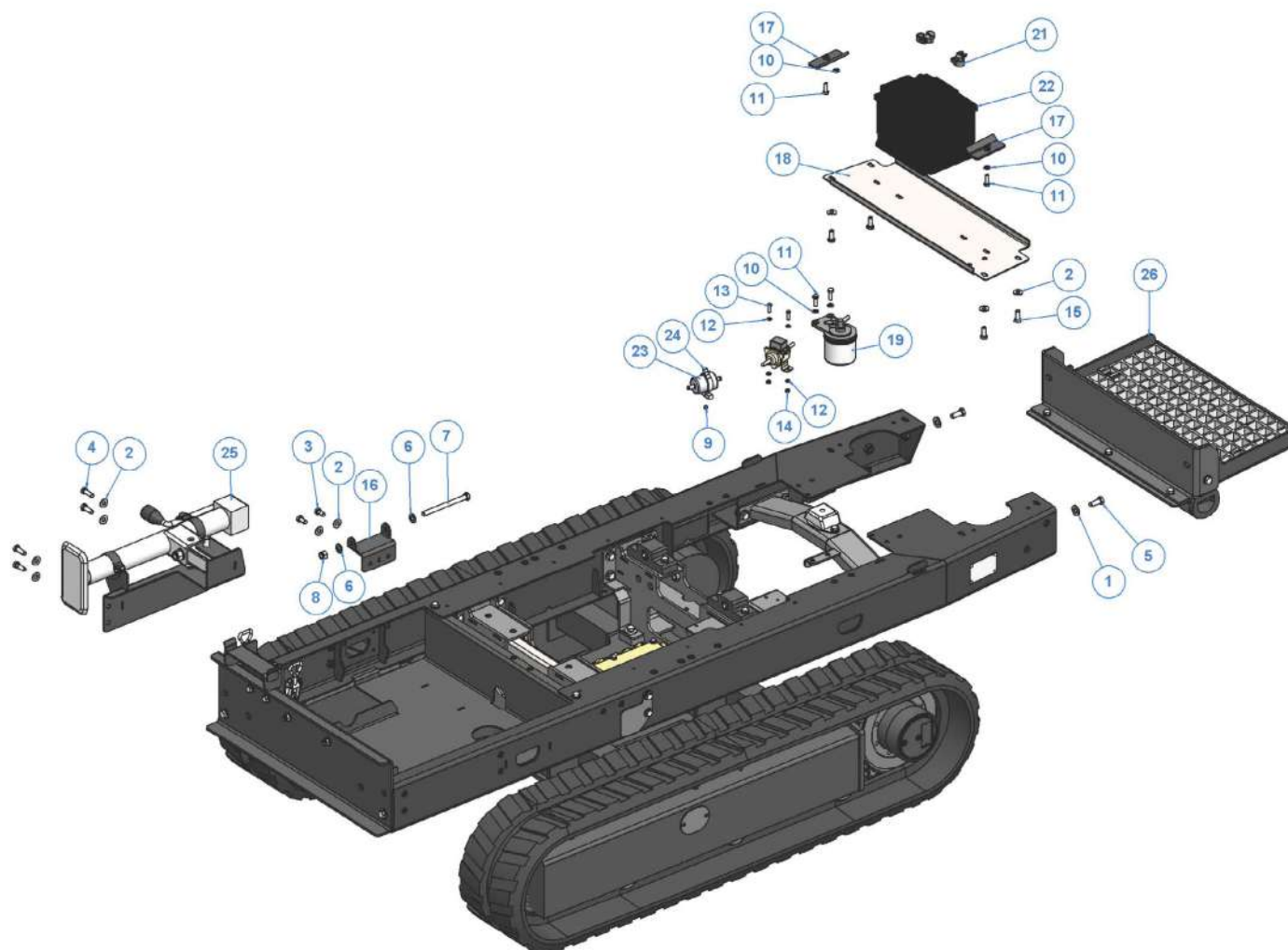
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0105	M8 STD A WASHER Z/P 8.8	7
2	C002-0616	M8 X 60 HEX SET Z/P 8.8	3
3	C031-0163	M8 TYPE P NYLOC NUT Z/P	5
4	C021-0125	M8 STD C WASHER Z/P 8.8	4
5	C002-0609	M8 X 25 HEX SET Z/P 8.8	2
6	C021-0106	M10 STD A WASHER Z/P 8.8	4
7	C007-0716	M10 X 45 HEX BOLT Z/P 8.8	4
8	C005-0610	M8 X 30 SKT CAP Z/P 12.9	1
9	C021-0103	M6 STD A WASHER Z/P 8.8	4
10	C002-0407	M6 X 20 HEX SET Z/P 8.8	2
11	C031-0121	M6 TYPE T NYLOC NUT Z/P	2
12	C002-0809	M12 X 25 HEX SET Z/P 8.8	8
13	C024-0110	M12 VTR TRACK BASE WASHER STAINLESS STEEL 316	8
14	P0001635M	SQUARE BOSS AV MOUNT ENGINE	2
15	P0001666	VARIABLE WIDTH TRACK BASE	1
16	C146-0162	TW230VTR CHASSIS STAND-OFF ASSY	2
17	P0001678F	JACKING BEAM	1
18	P0001719F	BRACKET FUEL PUMP	2
19	18522	AV BUSH ENGINE MOUNT M12	2
20	TW230 VTRD HYDRAULIC MANIFOLD ASSEMBLY	TW230 VTRD HYDRAULIC MANIFOLD ASSEMBLY	1

P0002544 R/H Track Frame Assembly
P0002543 L/H Track Frame Assembly

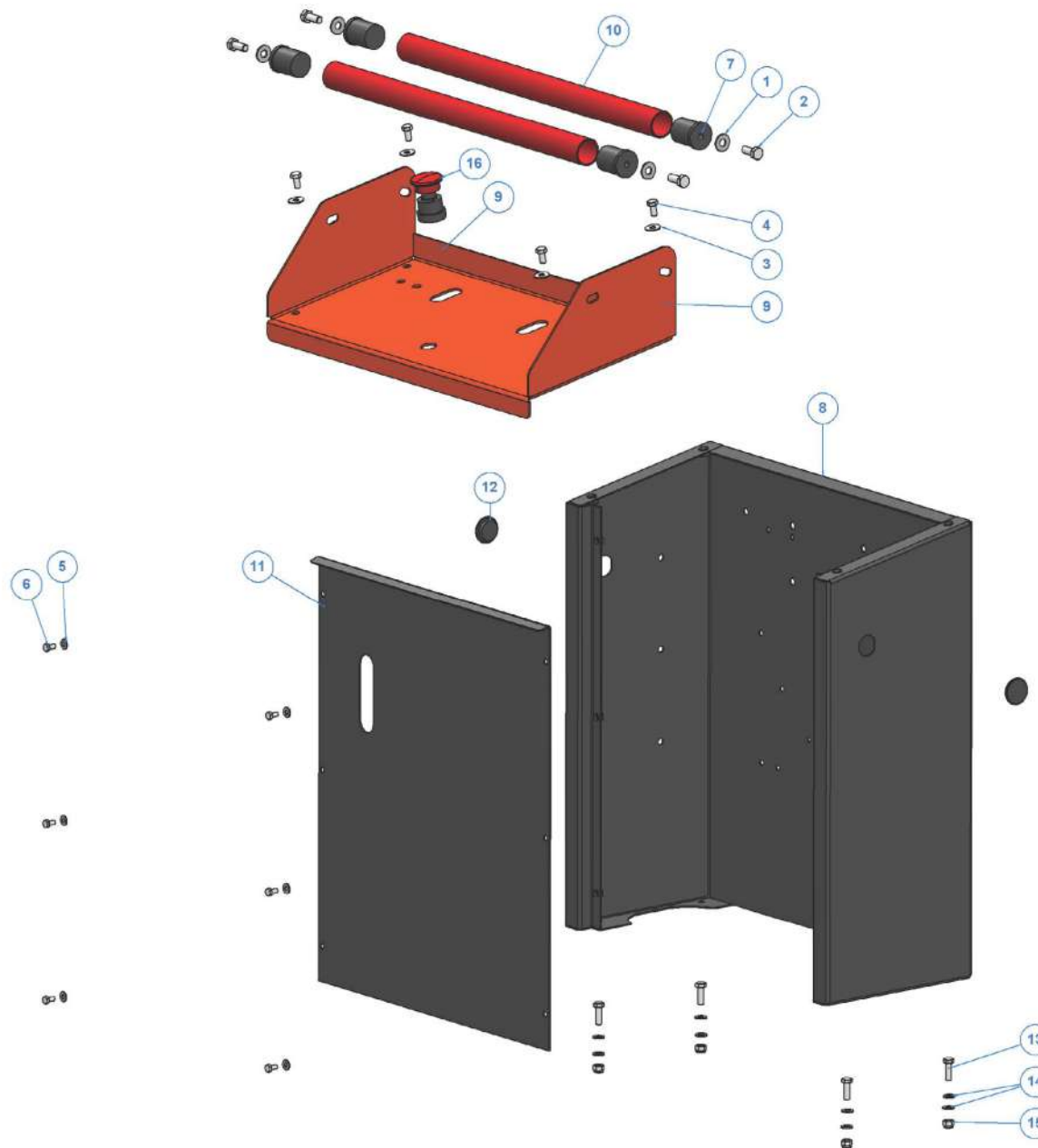


TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

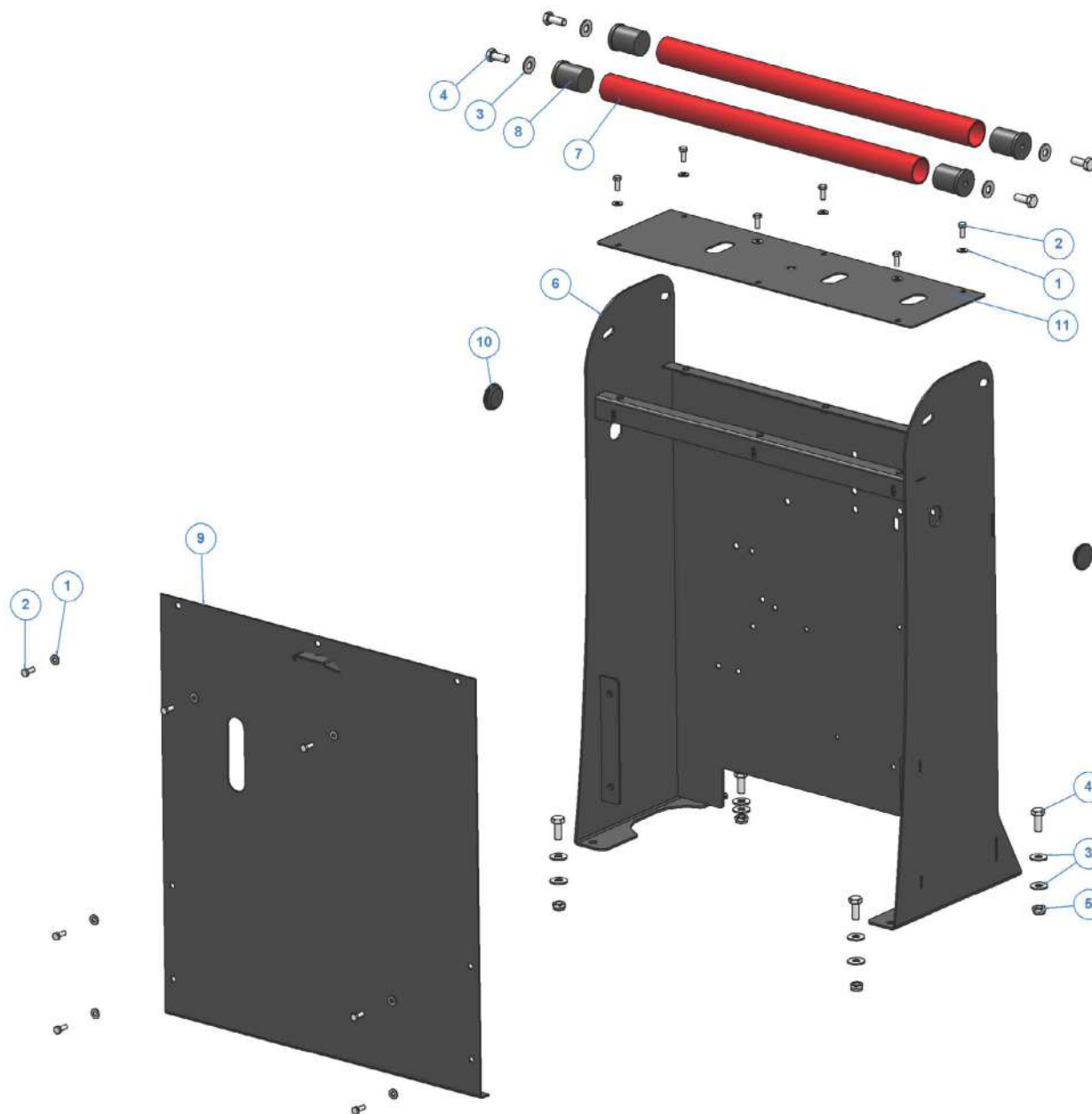
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0127	M12 STD C WASHER Z/P 8.8	22
2	C002-0810	M12 X 30 HEX SET Z/P 8.8	22
3	C021-0126	M10 STD C WASHER Z/P	14
4	C002-0707	M10 X 20 HEX SET Z/P 8.8	4
5	C002-0710	M10 X 30 HEX SET Z/P 8.8	6
6	C031-0164	M10 TYPE P NYLOC NUT Z/P	6
7	C021-0101	M4 STD A WASHER Z/P 8.8	4
8	C035-0102	M4 TYPE P NYLOC NUT Z/P	2
9	C013-0211	M4 X 40 POZI PAN Z/P 4.8	2
10	C021-0106	M10 STD A WASHER Z/P 8.8	4
11	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
12	C015-0305	M5 X 16 SKT CSK SET Z/P 10.9	6
13	C021-0122	M5 STD C WASHER Z/P 8.8	3
14	C021-0102	M5 STD A WASHER Z/P 8.8	3
15	C031-0160	M5 TYPE P NYLOC NUT Z/P	3
16	C031-0120	M5 TYPE T NYLOC NUT Z/P	3
17	C021-0107	M12 STD A WASHER Z/P 8.8	2
18	C002-0830	M12 X 170 HEX BOLT Z/P 8.8	1
19	C031-0165	M12 TYPE P NYLOC NUT Z/P	1
20	C045-0105	4.8 X 12 ALU/STEEL RIVET	4
21	P0000398	ENGINE AV MOUNT	1
22	P0001524F	BRACKET ENGINE FRONT	1
23	P0001676F	BRACKET FUNNEL SUPPORT	1
24	P0001689	JACKING BEAM COVER PLATE	2
25	P0001717F	BRACKET CHASSIS WINCH	1
26	C131-0486	TW230VTR PLATE TANK SUPPORT GUARD ASSEMBLY	1
27	C132-0316	TW230VTR CHASSIS BEAM OS	1
28	C132-0317	TW230VTR CHASSIS BEAM NS	1
29	EL1348	SWITCH LIMIT (METAL PLUNGER)	1
30	4092	OVER CENTRE CATCH	2
31	C194-0103	STATUTORY PLATE - CE	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

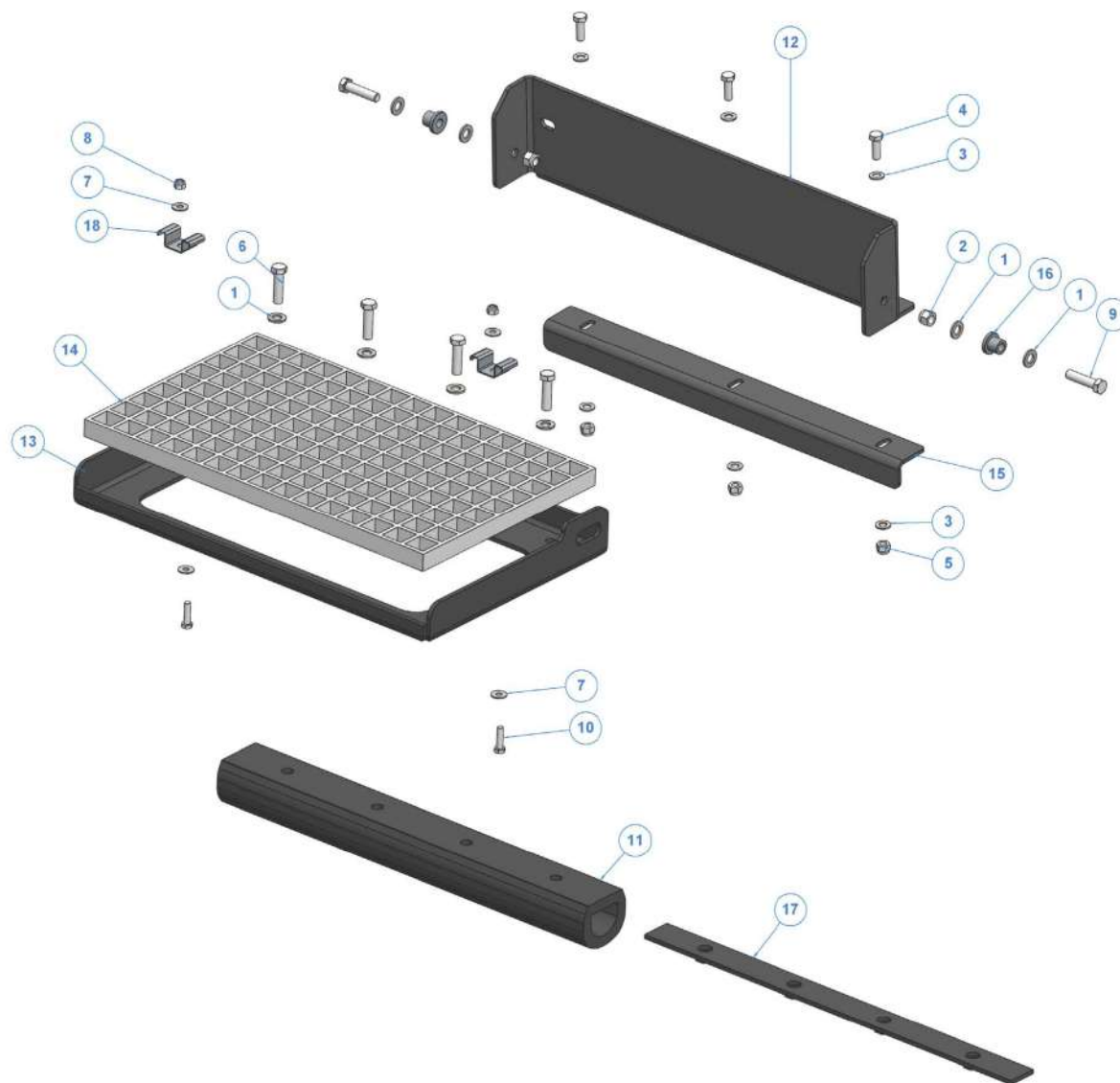
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0127	M12 STD C WASHER Z/P 8.8	2
2	C021-0126	M10 STD C WASHER Z/P	10
3	C002-0707	M10 X 20 HEX SET Z/P 8.8	2
4	C002-0710	M10 X 30 HEX SET Z/P 8.8	4
5	C002-0810	M12 X 30 HEX SET Z/P 8.8	2
6	C021-0107	M12 STD A WASHER Z/P 8.8	2
7	C002-0830	M12 X 140 HEX BOLT Z/P 8.8	1
8	C031-0165	M12 TYPE P NYLOC NUT Z/P	1
9	C045-0105	4.8 X 12 ALU/STEEL RIVET	1
10	C021-0105	M8 STD A WASHER Z/P 8.8	4
11	C002-0609	M8 X 25 HEX SET Z/P 8.8	4
12	C021-0103	M6 STD A WASHER Z/P 8.8	4
13	C002-0407	M6 X 20 HEX SET Z/P 8.8	2
14	C031-0121	M6 TYPE T NYLOC NUT Z/P	2
15	C002-0709	M10 X 25 HEX SET Z/P 8.8	4
16	P0001788F	BRACKET SPRING HANGER	1
17	P0002617F	BATTERY CLAMP	2
18	C132-0320	BATTERY TRAY	1
19	0085	FUEL FILTER	1
20	0807	FUEL PUMP	1
21	4074	BATTERY TERMINALS KIT	1
22	4210	BATTERY 12V	1
23	4315	PRE- FUEL FILTER	1
24	18197	SPRING CLIP	1
25	TW230 VTRD BULLDOG JACK AND BRACKET ASSEMBLY	TW230 VTRD Bulldog Jack and Bracket Assembly	1
26	TW230 VTRD STEP	TW230 VTRD Step	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0126	M10 STD C WASHER Z/P	4
2	C002-0709	M10 X 25 HEX SET Z/P 8.8	4
3	C021-0125	M8 STD C WASHER Z/P 8.8	4
4	C002-0605	M8 X 16 HEX SET Z/P 8.8	4
5	C021-0123	M6 STD C WASHER Z/P 8.8	6
6	C002-0403	M6 X 12 HEX SET Z/P 8.8	6
7	1803P	THREADED INSERT M10	4
8	P0002606F	CONTROL TOWER MAIN ASSEMBLY	1
9	C146-0166	TW230VTRP CONTROL TOWER TOP PLATE	1
10	1802FR	HANDLE DRIVING MAIN TOWER	2
11	C146-0158	TW230VTRP CONTROL TOWER FRONT PLATE	1
12	P0002159	28mm DIA RUBBER BLANKING GROMMET	2
13	C002-0609	M8 X 25 HEX SET Z/P 8.8	4
14	C021-0105	M8 STD A WASHER Z/P 8.8	8
15	C031-0163	M8 TYPE P NYLOC NUT Z/P	4
16	2627	EMERGENCY STOP SWITCH	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0123	M6 STD C WASHER Z/P 8.8	13
2	C002-0405	M6 x 16 Hex Set Z/P 8.8	13
3	C021-0126	M10 STD C WASHER Z/P	12
4	C002-0709	M10 x 25 Hex Set Z/P 8.8	8
5	C031-0124	M10 TYPE T NYLOC NUT Z/P	4
6	C131-0489	TW 230VTRD CONTROL TOWER	1
7	1802FR	Handle Driving Main Tower	2
8	1803P	Threaded Insert M10	4
9	P0001872F	Front Valve Cover	1
10	P0002159	28mm Dia Rubber Blanking Grommet	2
11	P0002628	Profile Control Tower Panel	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☒

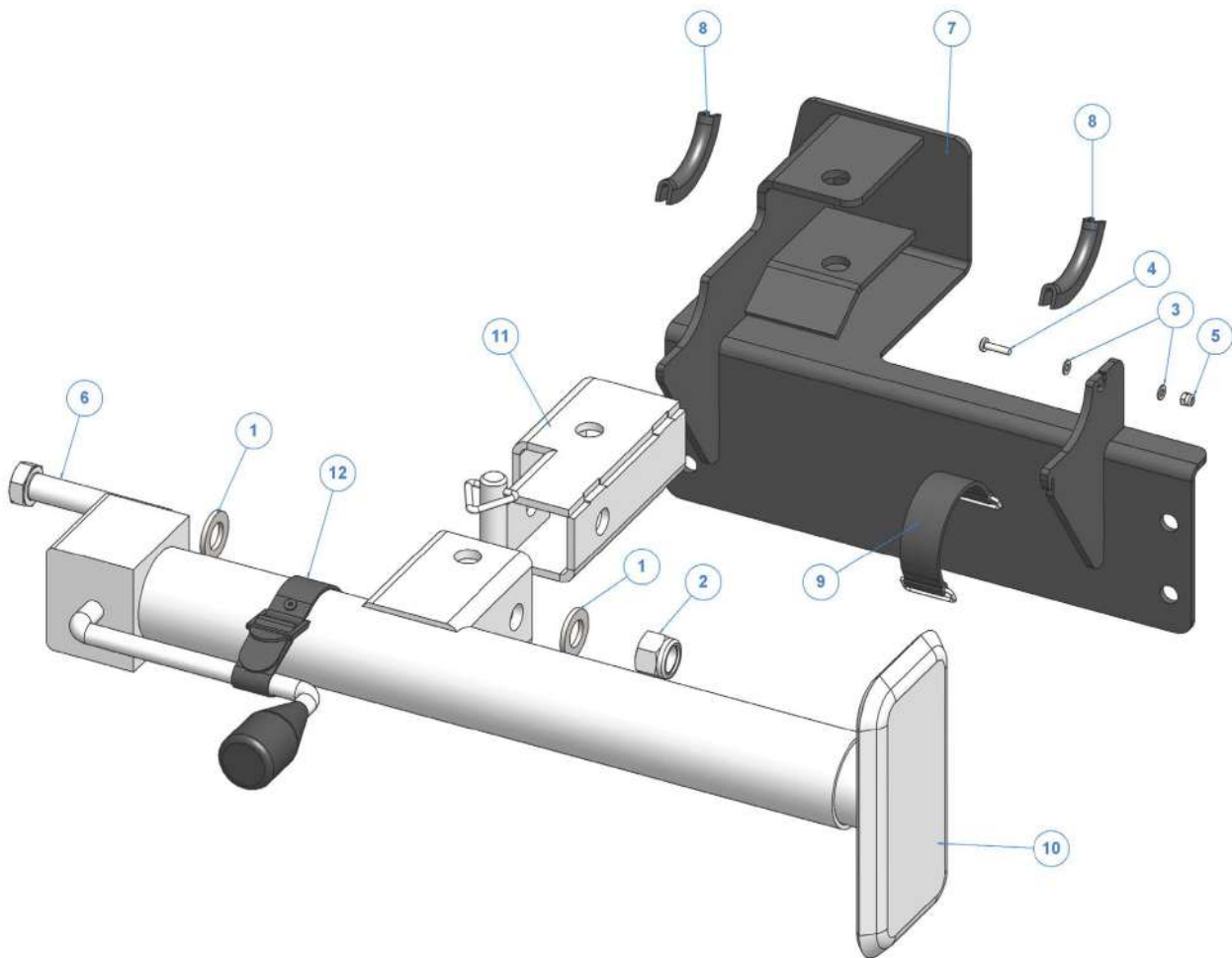
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0107	M12 STD A WASHER Z/P 8.8	8
2	C031-0165	M12 TYPE P NYLOC NUT Z/P	2
3	C021-0106	M10 STD A WASHER Z/P 8.8	6
4	C002-0710	M10 x 30 Hex Set Z/P 8.8	3
5	C031-0164	M10 TYPE P NYLOC NUT Z/P	3
6	C002-0813	M12 x 45 Hex Set Z/P 8.8	4
7	C021-0125	M8 STD C WASHER Z/P 8.8	4
8	C031-0163	M8 TYPE P NYLOC NUT Z/P	2
9	C002-0814	M12 x 50 Hex Set Z/P 8.8	2
10	C002-0610	M8 x 30 Hex Set Z/P 8.8	2
11	P0001814	Rubber Buffer	1
12	P0001855F	Bracket Step	1
13	P0001856F	Step	1
14	P0001857	Step Grating	1
15	P0001858F	Bracket Step Stop	1
16	P0001859M	Step Pivot Boss	2
17	P0001864F	Bracket Step Buffer	1
18	P0001865F	Bracket Step Grating Clamp	2

TW 230HB Petrol ☐

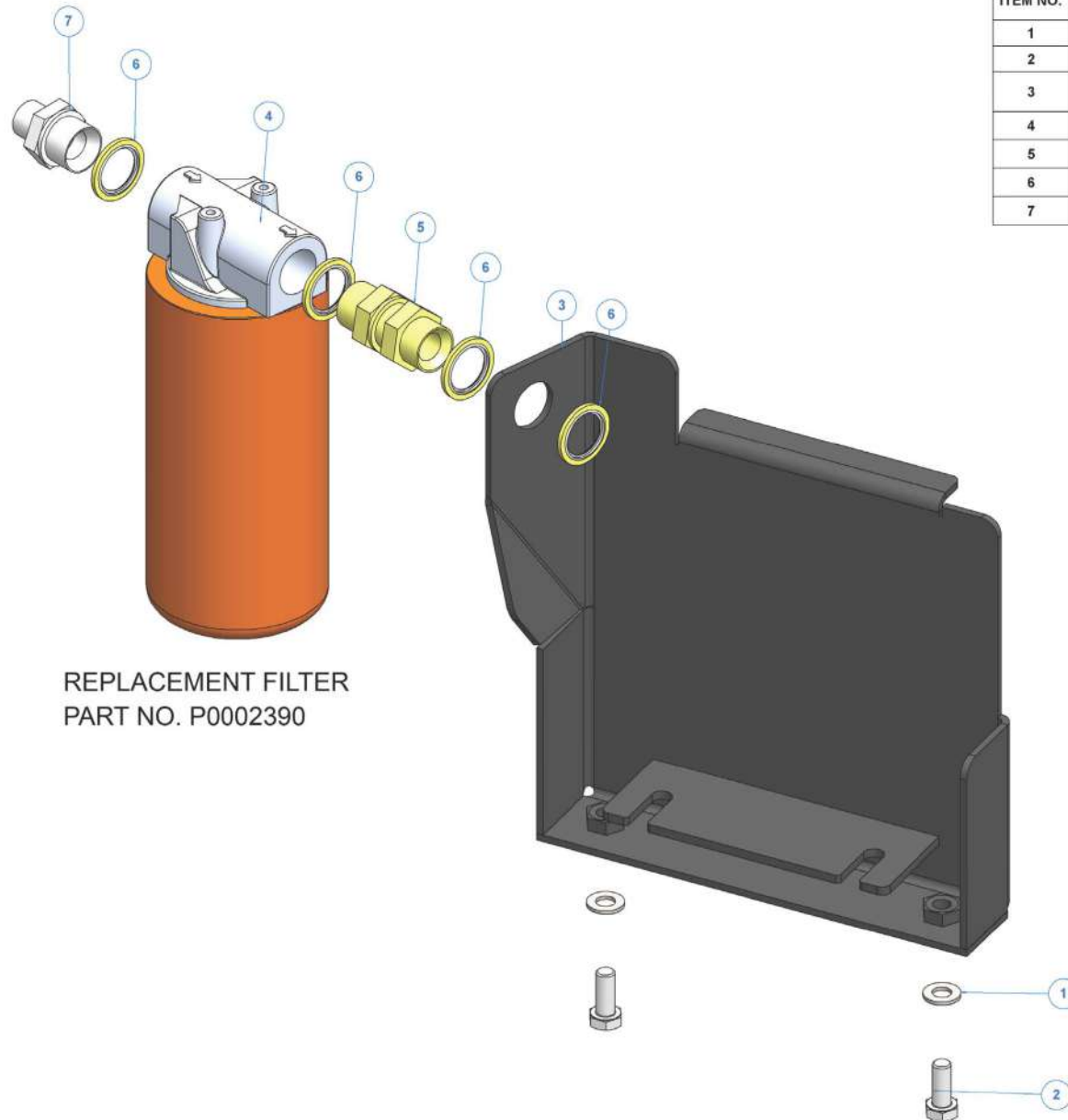
TW 230HB Diesel ☐

TW 230VTR Petrol ☒

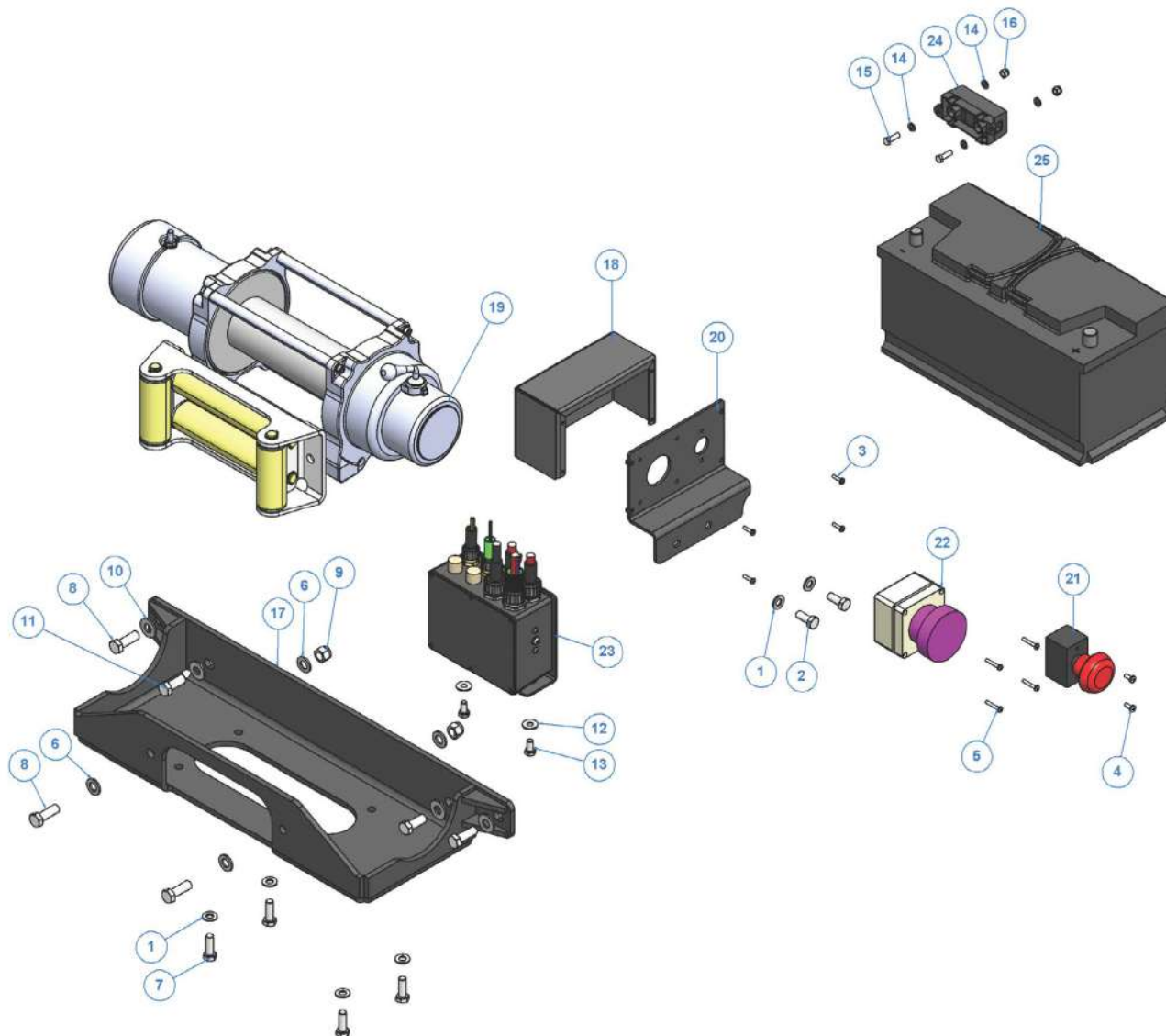
TW 230VTR Diesel ☒



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0109	M16 STD A WASHER Z/P 8.8	2
2	C031-0167	M16 TYPE P NYLOC NUT Z/P	1
3	C021-0101	M4 STD A WASHER Z/P 8.8	2
4	C013-0205	M4 x 16 Poz Pan Z/P 4.8	1
5	C035-0102	M4 TYPE P NYLOC NUT Z/P	1
6	C002-1022	M16 x 90 Hex Set Z/P 8.8	1
7	P0001888F	Bracket Bulldog Jack Assembly	1
8		Edging Strip	2
9	P0002046	Butser Rubber 125mm Strap	1
10	P0001882	Bulldog 5000 LBS Jack 620312	1
11	P0001804F	Jack Adapter TW230VTR	1
12	P0002160	Rubber Tree Strap 24 x 380 long	1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0106	M10 STD A WASHER Z/P 8.8	2
2	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
3	C146-0160	TW230VTR WINCH CONTROL AND OIL FILTER BRKT	1
4	P0001660	INLINE HYDRAULIC OIL FILTER	1
5	HY827	BULK HEAD ADAPTOR 3/4" - 3/4" BSP	1
6	HY152	WASHER DOWTY 3/4"	4
7	1583	ADAPTOR 1/2" - 3/4" BSP	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☒

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0106	M10 STD A WASHER Z/P 8.8	6
2	C002-0709	M10 x 25 Hex Set Z/P 8.8	2
3	C013-0205	M4 x 16 Pozi Pan Z/P 4.8	4
4	C013-0303	M5 x 12 Pozi Pan Z/P 4.8	2
5	C013-0208	M4 x 25 Pozi Pan Z/P 4.8	4
6	C021-0107	M12 STD A WASHER Z/P 8.8	4
7	C002-0710	M10 x 30 Hex Set Z/P 8.8	4
8	C002-0811	M12 x 35 Hex Set Z/P 8.8	4
9	C031-0165	M12 TYPE P NYLOC NUT Z/P	2
10	C021-0127	M12 STD C WASHER Z/P 8.8	4
11	C002-0810	M12 x 30 Hex Set Z/P 8.8	2
12	C021-0125	M8 STD C WASHER Z/P 8.8	2
13	C002-0605	M8 x 16 Hex Set Z/P 8.8	2
14	C021-0103	M6 STD A WASHER Z/P 8.8	4
15	C002-0407	M6 x 20 Hex Set Z/P 8.8	2
16	C031-0161	M6 TYPE P NYLOC NUT Z/P	2
17	P0001340F	Bracket Winch	1
18	P0001708F	Cover Winch Socket	1
19	P0001715	Bushey Hall Winch Roller and Control	1
20	P0001785F	Bracket Winch Socket	1
21	P0002035	Main Isolator Switch for P0002030 Kit	1
22	P0002037	SOCKET PENDANT FOR DELTA WINCH WANDERLEAD	1
23	C184-0132	BHW Winch Solenoid Pack	1
24	C184-0106	Fuse Holder	1
25	C166-0100	020 Battery	1

TW 230HB Petrol ☒

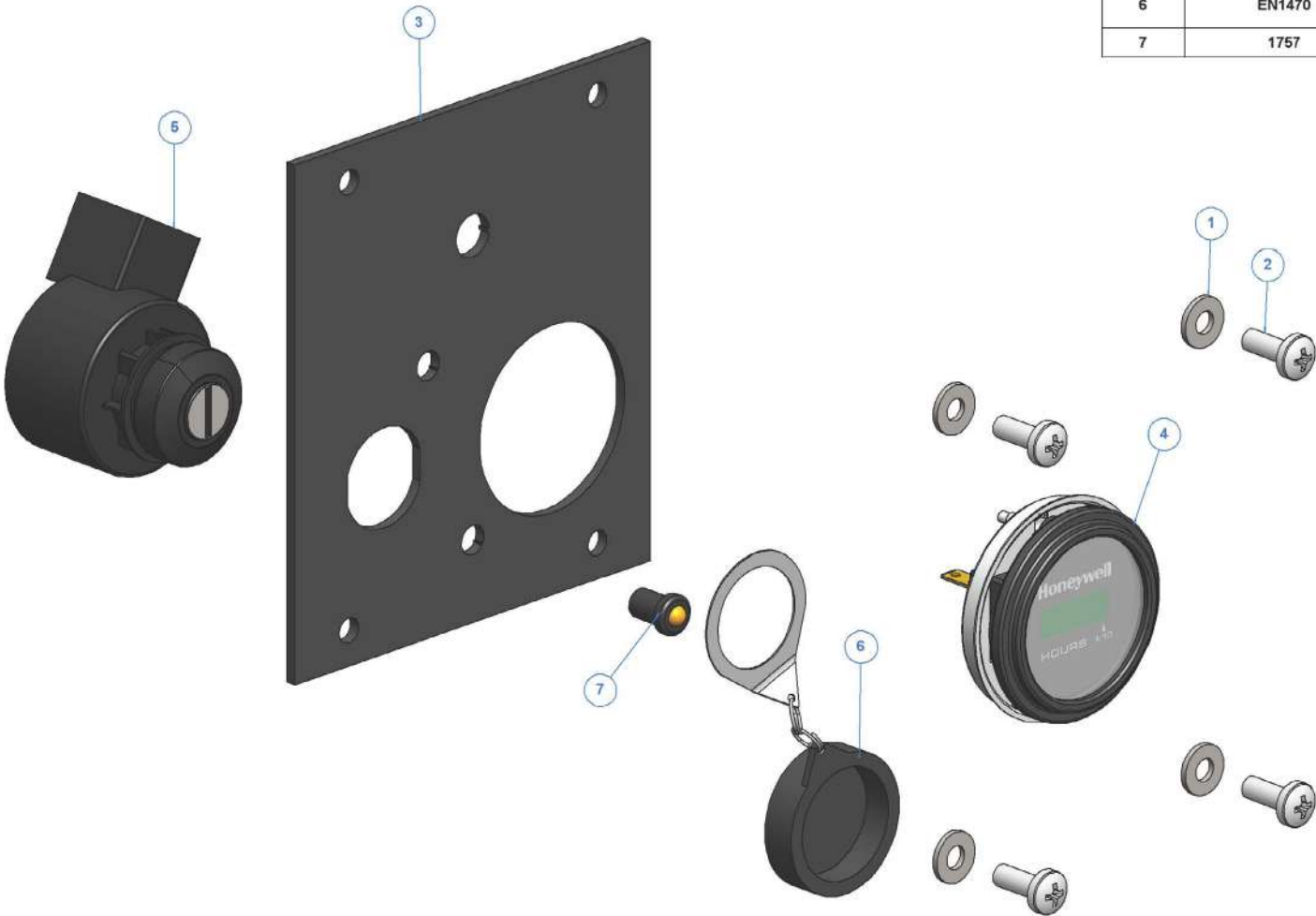
TW 230HB Diesel ☒

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0123	M6 STD C WASHER Z/P 8.8	4
2	C013-0405	M6 X 16 POZI PAN Z/P 4.8	4
3	C131-0525	KEY SHWITCH CONTROL PANEL WITHOUT 12V SOCKET	1
4	EL327	DIGITAL HOURS COUNTER	1
5	EN1311	KUBOTA KEY IGNITION SWITCH	1
6	EN1470	KUBOTA KEY SWITCH COVER	1
7	1757	AMBER LED	1



TW 230HB Petrol ☐

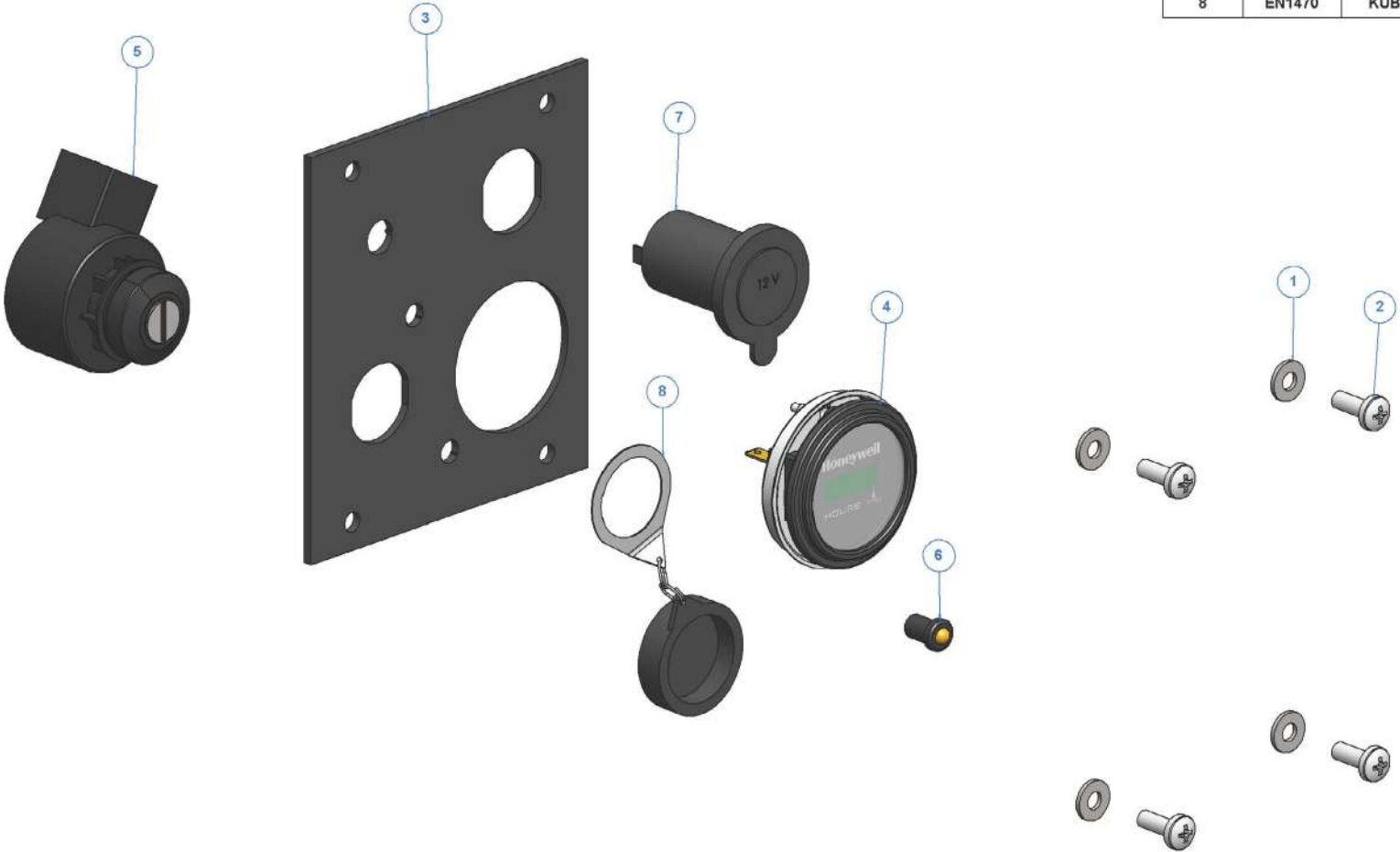
TW 230HB Diesel ☐

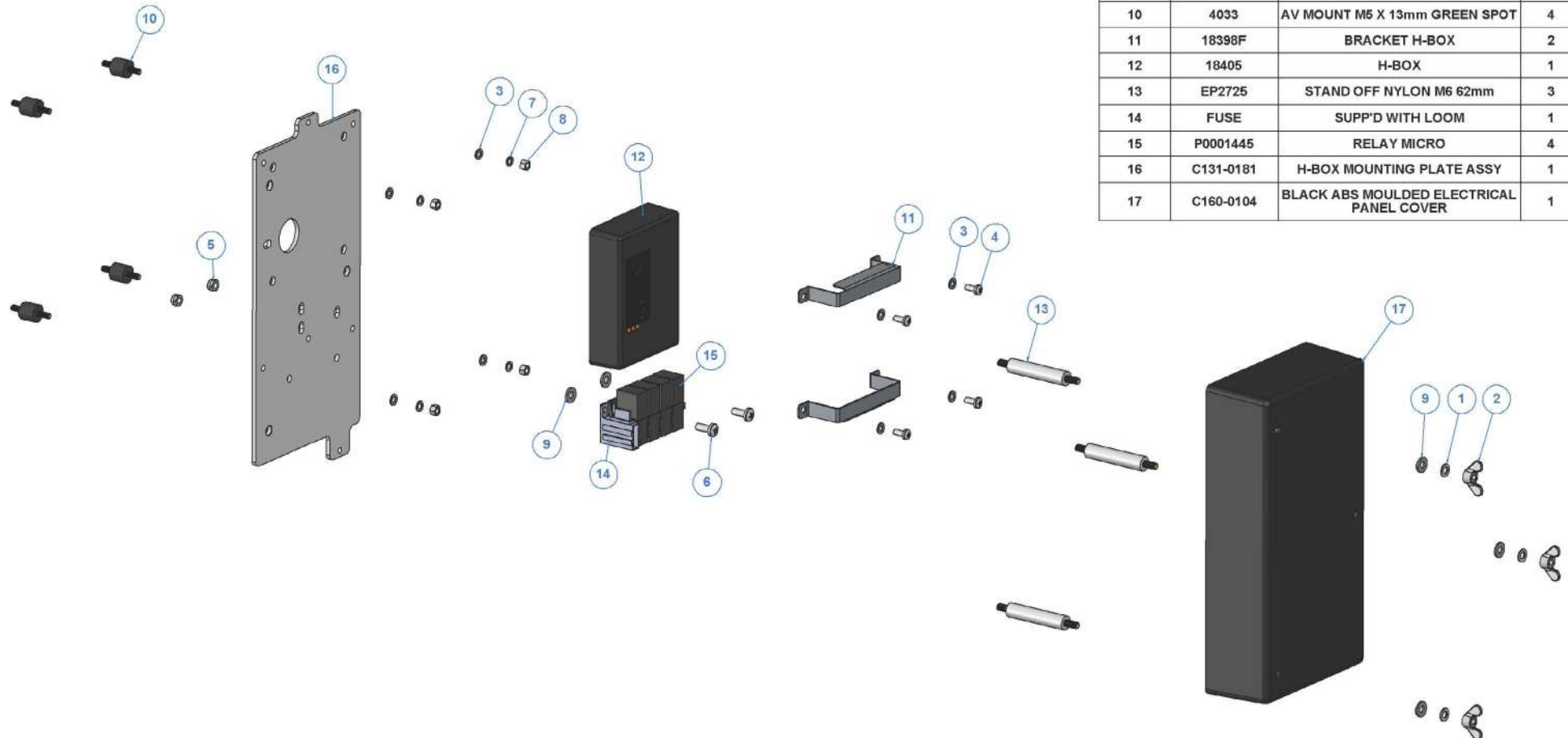
TW 230VTR Petrol ☒

TW 230VTR Diesel ☒

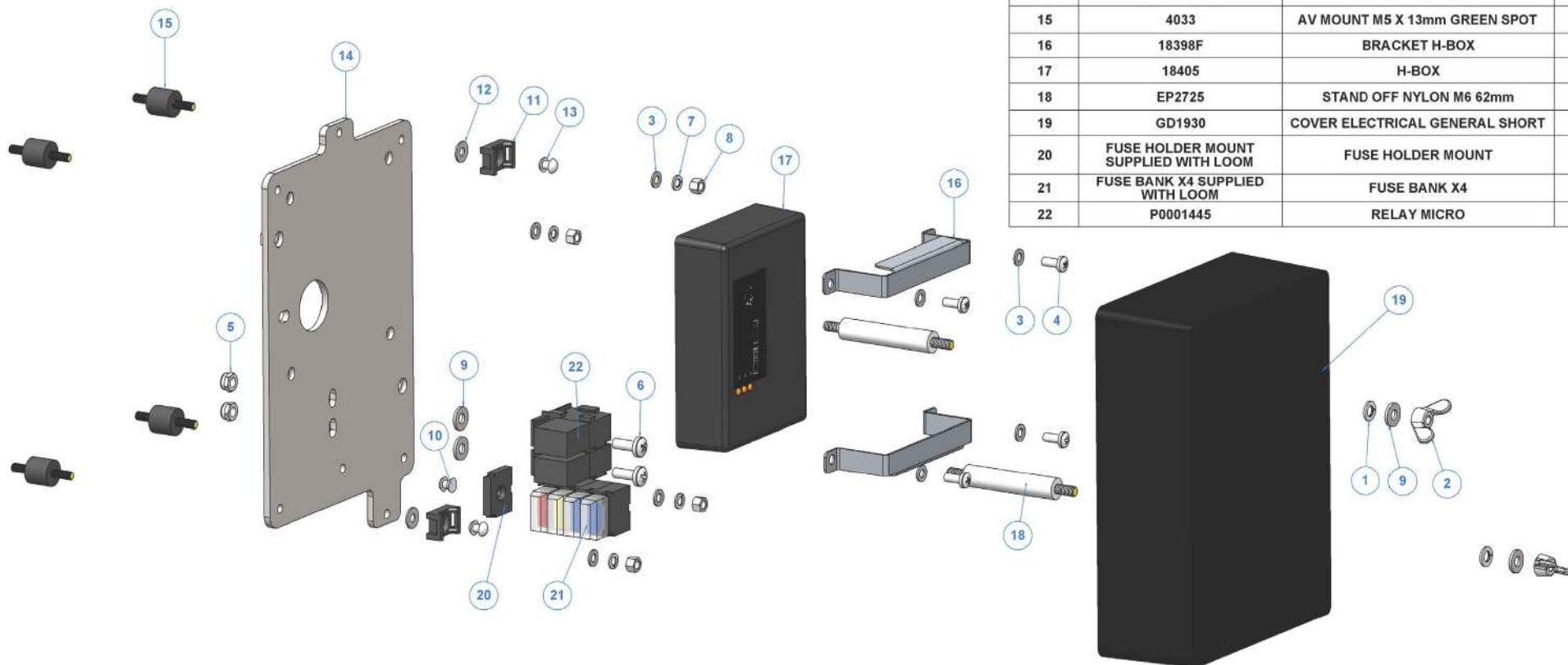


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0123	M6 STD C WASHER Z/P 8.8	4
2	C013-0405	M6 X 16 POZI PAN Z/P 4.8	4
3	C131-0499	KEY SWITCH CONTROL PANEL WITH TOGGLE & 12V SOCKET	1
4	EL327	DIGITAL HOURS COUNTER	1
5	EN1311	KUBOTA KEY IGNITION SWITCH	1
6	1757	AMBER LED	1
7	P0002041	DURITE 12 VOLT SOCKET 0-601-07	1
8	EN1470	KUBOTA KEY SWITCH COVER	1

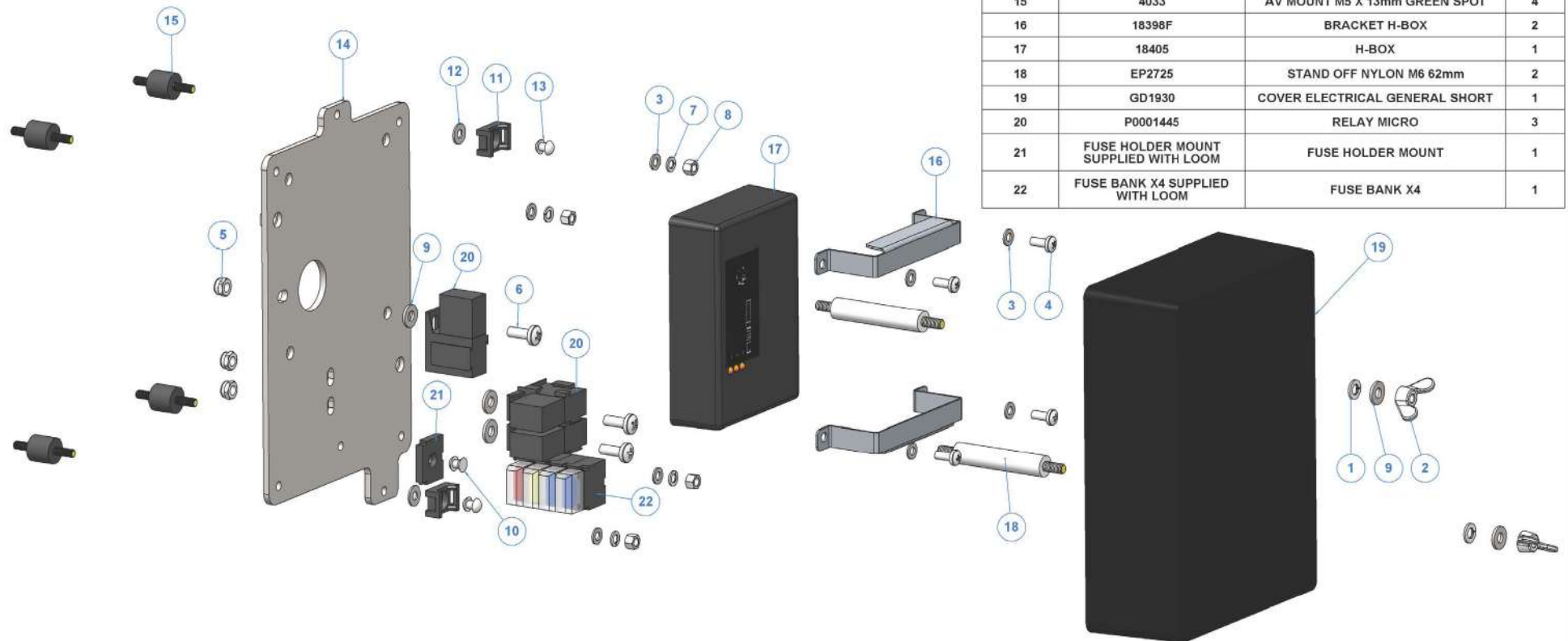


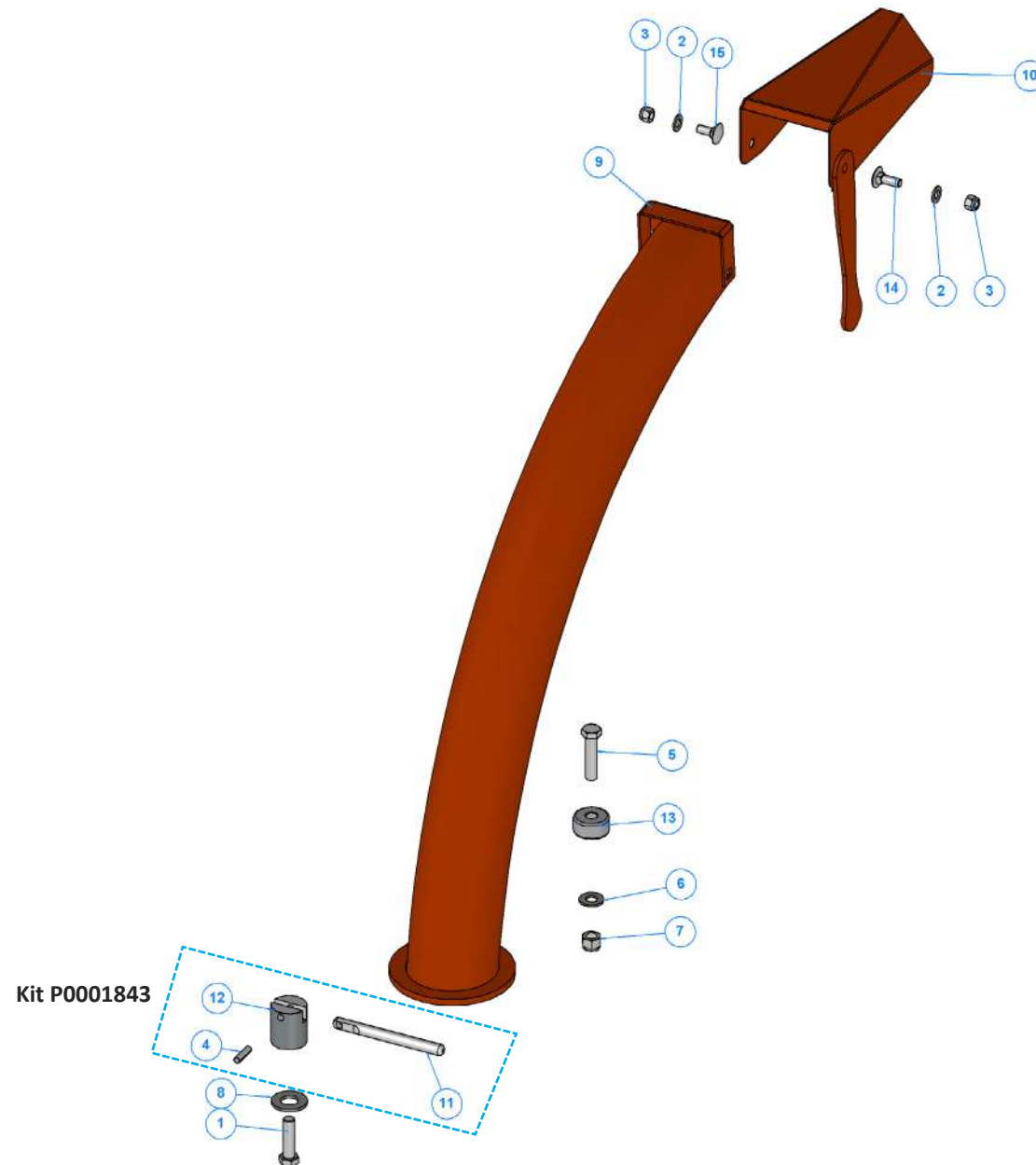
TW 230HB Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C023-0103	M6 SPRING WASHER - ZP	3
2	C032-0114	M6 WING NUT - ZP - STEEL	3
3	C021-0102	M5 STD A WASHER Z/P 8.8	8
4	C013-0303	M5 X 12 POZI PAN Z/P 4.8	4
5	C031-0121	M6 TYPE T NYLOC NUT Z/P	2
6	C013-0405	M6 X 16 POZI PAN Z/P 4.8	2
7	C023-0102	M5 SPRING WASHER - ZP	4
8	C030-0120	M5 HEX NUT Z/P 10	4
9	C021-0123	M6 STD C WASHER Z/P 8.8	5
10	4033	AV MOUNT M5 X 13mm GREEN SPOT	4
11	18398F	BRACKET H-BOX	2
12	18405	H-BOX	1
13	EP2725	STAND OFF NYLON M6 62mm	3
14	FUSE	SUPP'D WITH LOOM	1
15	P0001445	RELAY MICRO	4
16	C131-0181	H-BOX MOUNTING PLATE ASSY	1
17	C160-0104	BLACK ABS MOULDED ELECTRICAL PANEL COVER	1

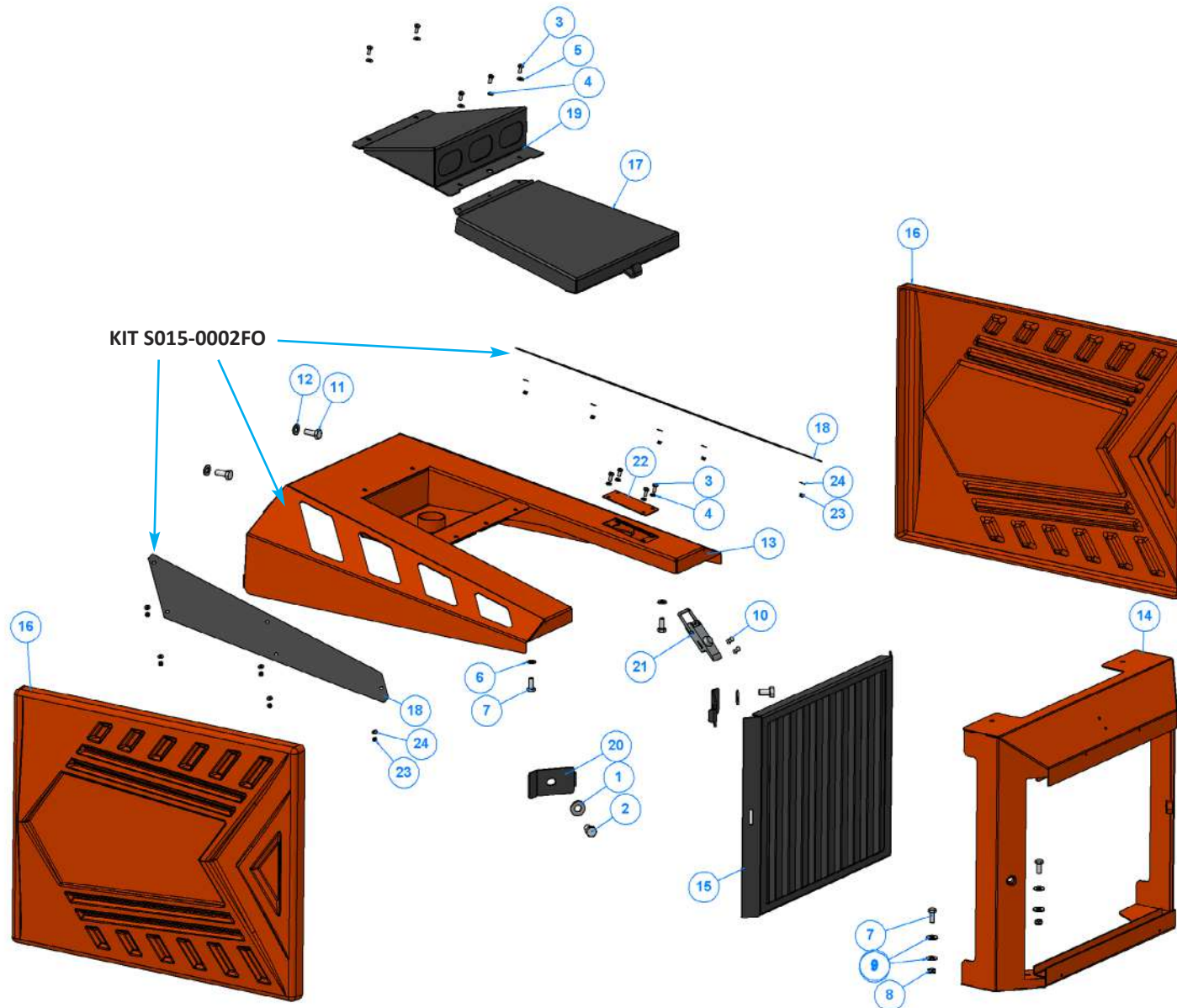
TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☒

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C023-0103	M6 SPRING WASHER - ZP	2
2	C032-0114	M6 WING NUT - ZP - STEEL	2
3	C021-0102	M5 STD A WASHER Z/P 8.8	8
4	C013-0303	M5 X 12 POZI PAN Z/P 4.8	4
5	C031-0121	M6 TYPE T NYLOC NUT Z/P	2
6	C013-0405	M6 X 16 POZI PAN Z/P 4.8	2
7	C023-0102	M5 SPRING WASHER - ZP	4
8	C030-0120	M5 HEX NUT Z/P 10	4
9	C021-0123	M6 STD C WASHER Z/P 8.8	4
10	C045-0102	4.8 X 12 ALU/STEEL CSK RIVET	1
11	C078-0131	TIE MOUNT	2
12	C021-0122	M5 STD C WASHER Z/P 8.8	2
13	C045-0105	4.8 X 12 ALU/STEEL RIVET	2
14	P0000856F	PLATE H-BOX ASSY	1
15	4033	AV MOUNT M5 X 13mm GREEN SPOT	4
16	18398F	BRACKET H-BOX	2
17	18405	H-BOX	1
18	EP2725	STAND OFF NYLON M6 62mm	2
19	GD1930	COVER ELECTRICAL GENERAL SHORT	1
20	FUSE HOLDER MOUNT SUPPLIED WITH LOOM	FUSE HOLDER MOUNT	1
21	FUSE BANK X4 SUPPLIED WITH LOOM	FUSE BANK X4	1
22	P0001445	RELAY MICRO	2

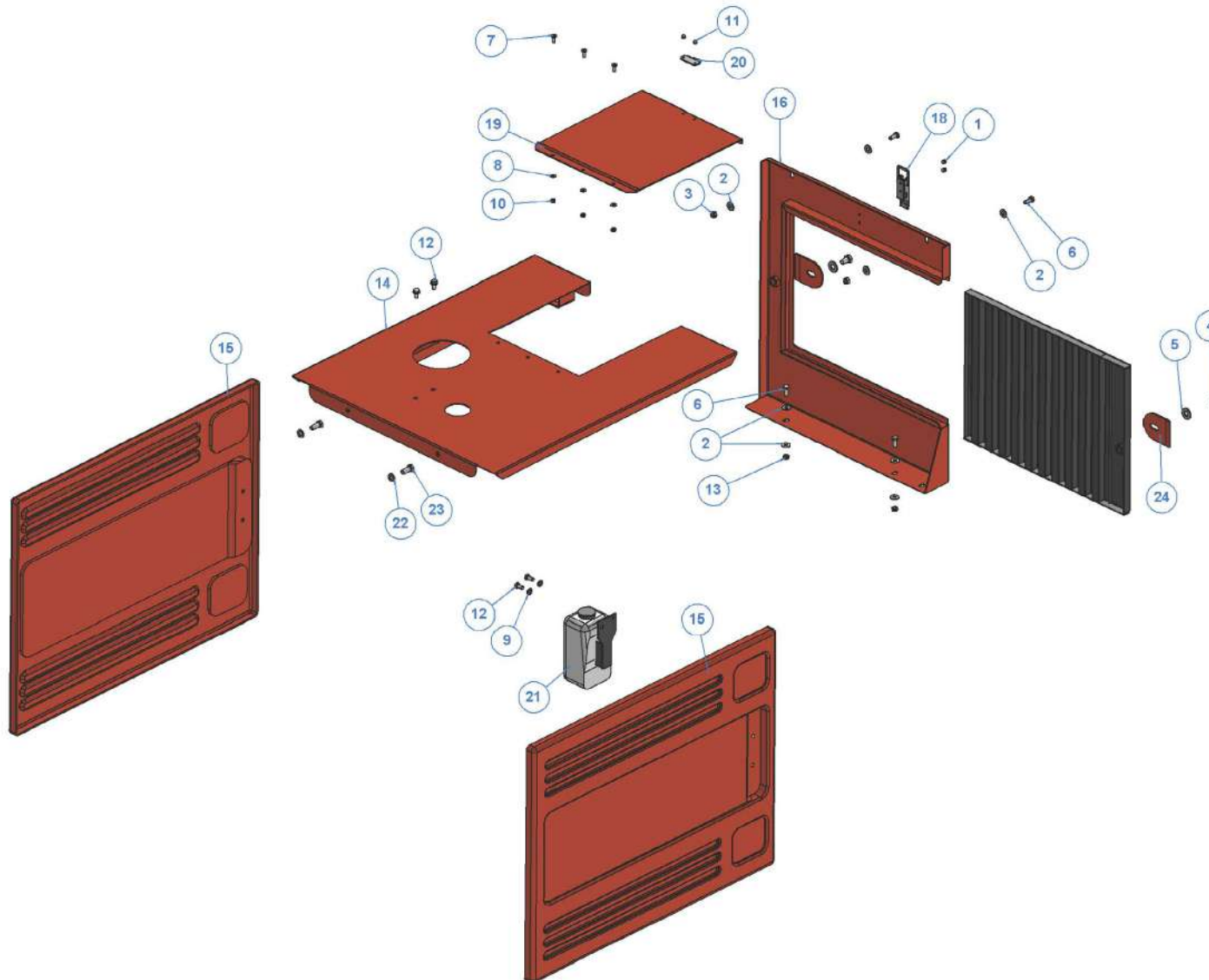
TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☒



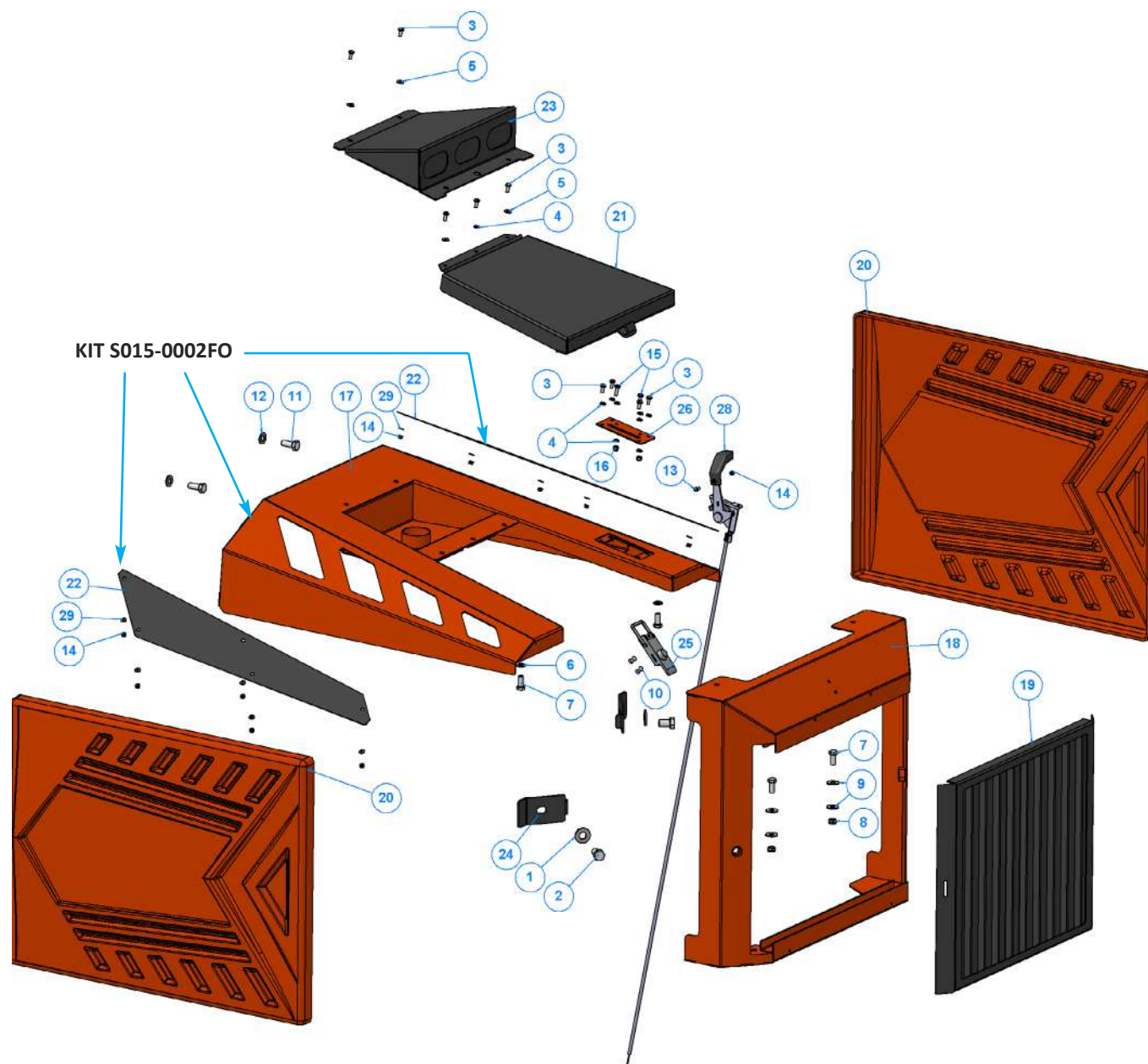
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-1016	M16 X 60 HEX SET Z/P 8.8	1
2	C021-0107	M12 STD A WASHER Z/P 8.8	2
3	C031-0165	M12 TYPE P NYLOC NUT Z/P	2
4	C079-0101	M10 X 35 ROLL PIN STEEL	1
5	C002-1018	M16 X 70 HEX SET Z/P 8.8	1
6	C021-0129	M16 STD C WASHER Z/P 8.8	1
7	C031-0167	M16 TYPE P NYLOC NUT Z/P	1
8	C021-0133	M24 STD C WASHER Z/P 8.8	1
9	P0001147	DISCHARGE TUBE ASSY	1
10	P0001411	BUCKET DISCHARGE TUBE ASSY	1
11	1649M	TOMMY BAR	1
12	4109M	M16 CLAMP NUT	1
13	2837M	CLAMP DISCHARGE	1
14	C046-0811	BOLT M12/35 CUP SQUARE BZP	1
15	C046-0810	BOLT M12/30 CUP SQUARE BZP	1

TW 230HB Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☐

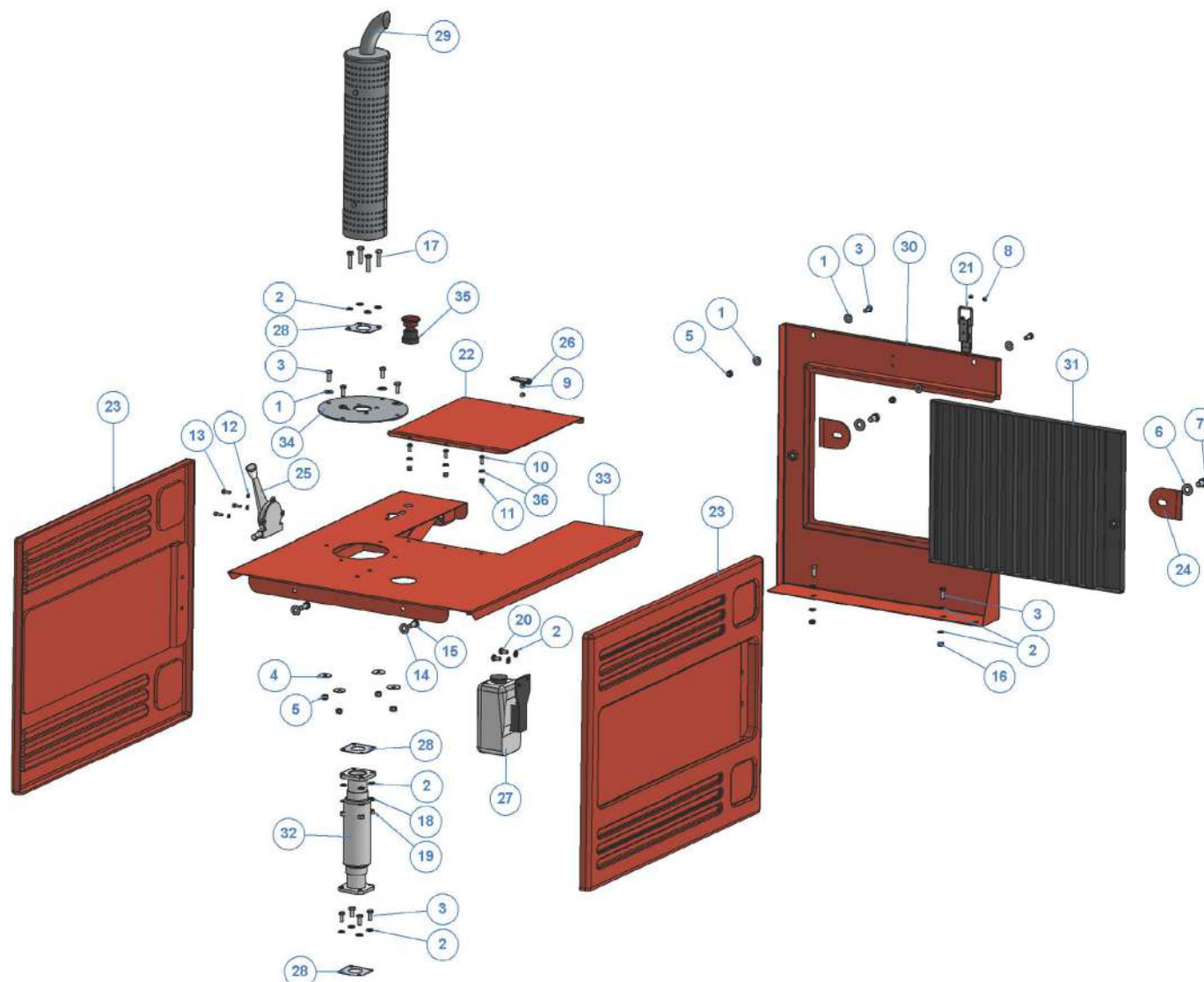
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0127	M12 STD C WASHER Z/P 8.8	2
2	C002-0807	M12 X 20 HEX SET Z/P 8.8	2
3	C013-0303	M5 X 12 POZI PAN Z/P 4.8	9
4	C021-0102	M5 STD A WASHER Z/P 8.8	5
5	C021-0122	M5 STD C WASHER Z/P 8.8	4
6	C021-0105	M8 STD A WASHER Z/P 8.8	2
7	C002-0607	M8 X 20 HEX SET Z/P 8.8	4
8	C031-0123	M8 TYPE T NYLOC NUT Z/P	2
9	C021-0125	M8 STD C WASHER Z/P 8.8	4
10	C045-0105	4.8 X 12 ALU/STEEL CSK RIVET	2
11	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
12	C021-0106	M10 STD A WASHER Z/P 8.8	2
13	C137-0136	TW230HB PETROL BONNET TOP AIR INTAKE ASSEMBLY	1
14	C137-0135	TW230HB PETROL FRONT GRILL SUPPORT ASSEMBLY	1
15	C137-0144	TW230HB PETROL FRONT GRILL ASSEMBLY	1
16	C137-0128	TW230 PETROL PLASTIC PANEL	2
17	C137-0148	TW230HB PETROL BONNET HATCH ASSEMBLY	1
18	C137-0153	TW230 TOP BONNET VENT MESH	2
19	C137-0158	TW230 PETROL GUARD TOP AIR INTAKE ASSY	1
20	0825	TW230 HB PETROL SIDE PANEL BRACKET	2
21	0235	CATCH ASSY	1
22	C137-0157	TW230HBP THROTTLE SUPPORT BLANKING PLATE	1
23	C035-0101	M4 TYPE T NYLOC NUT Z/P	10
24	C021-0121	M4 STD C WASHER Z/P 8.8	10

TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

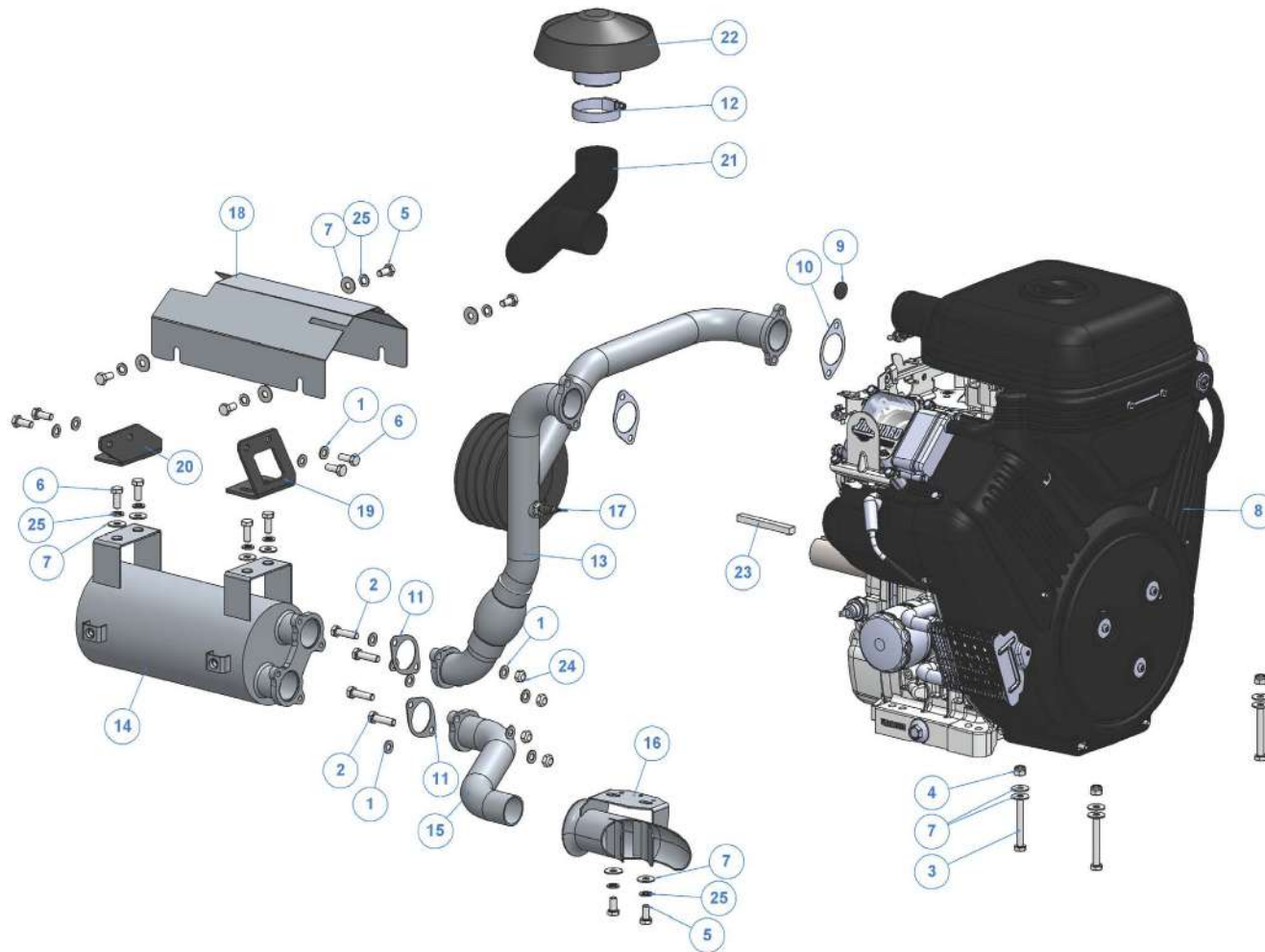
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C045-0102	4.8 X 12 ALU/STEEL CSK RIVET	2
2	C021-0126	M8 STD C WASHER Z/P 8.8	8
3	C031-0163	M8 TYPE P NYLOC NUT Z/P	2
4	C002-0807	M12 X 20 HEX SET Z/P 8.8	2
5	C021-0127	M12 STD C WASHER Z/P 8.8	2
6	C002-0607	M8 X 20 HEX SET Z/P 8.8	4
7	C013-0405	M6 X 16 POZI PAN Z/P 4.8	3
8	C021-0123	M6 STD C WASHER Z/P 8.8	3
9	C021-0105	M8 STD A WASHER Z/P 8.8	4
10	C031-0121	M6 TYPE T NYLOC NUT Z/P	3
11	C045-0105	4.8 X 6 ALU/STEEL RIVET	2
12	C002-0605	M8 X 16 HEX SET Z/P 8.8	4
13	C031-0123	M8 TYPE T NYLOC NUT Z/P	2
14	P0001043F	TOP BONNET	1
15	0765	PANEL SIDE PLASTIC	2
16	18580F	GUARD FRONT ENGINE BAY	1
17	18581F	GUARD FILTER GRILLE	1
18	0235	CATCH	1
19	0607F	ENGINE ACCESS COVER	1
20	4088	CATCH PLATE	1
21	4320	RESERVE TANK RADIATOR	1
22	C021-0106	M10 STD A WASHER Z/P 8.8	2
23	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
24	0825	SIDE PANEL BRACKET	2

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

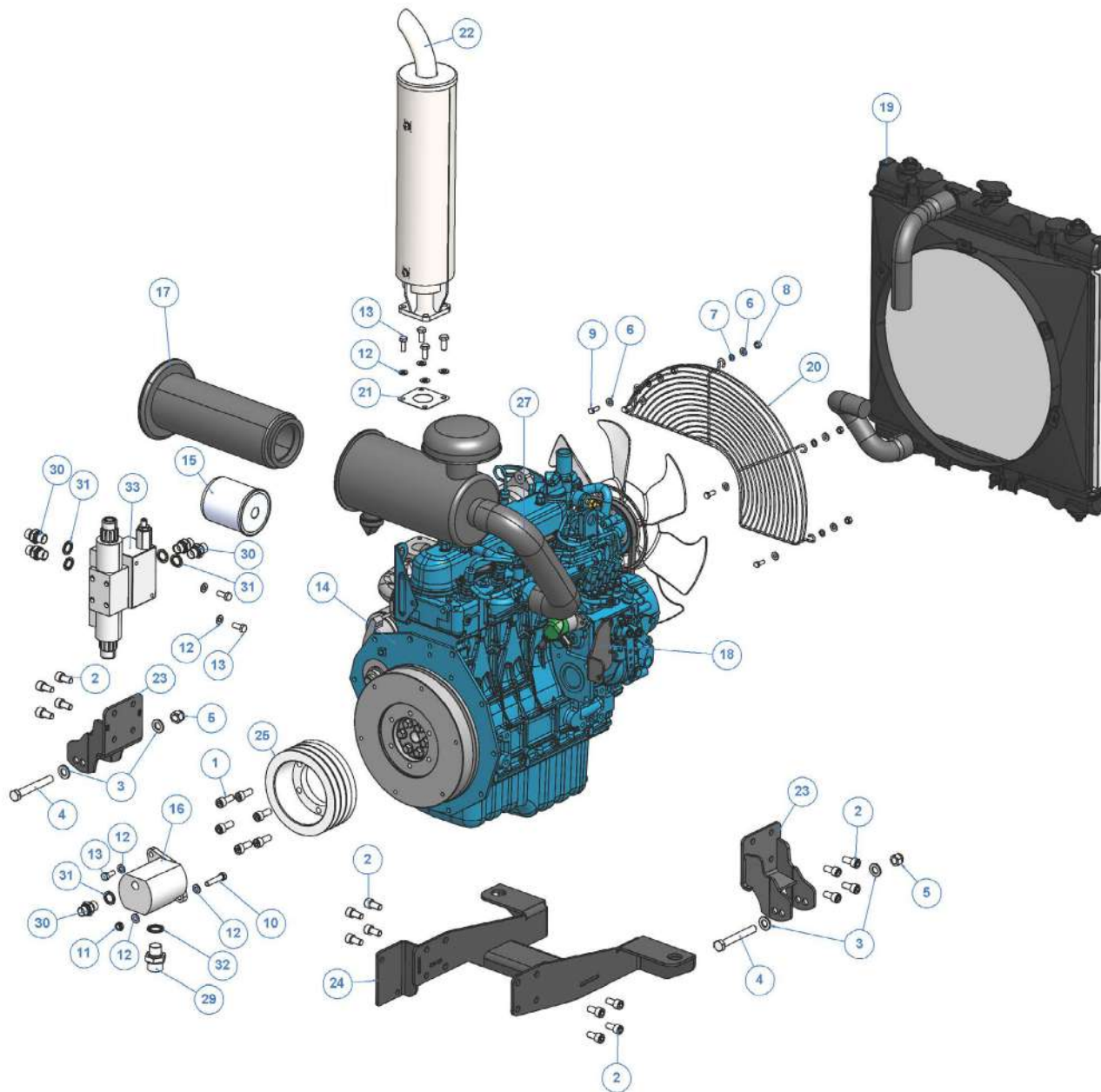
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0127	M12 STD C WASHER Z/P 8.8	2
2	C002-0807	M12 X 20 HEX SET Z/P 8.8	2
3	C013-0303	M5 X 12 POZI PAN Z/P 4.8	9
4	C021-0102	M5 STD A WASHER Z/P 8.8	9
5	C021-0122	M5 STD C WASHER Z/P 8.8	4
6	C021-0105	M8 STD A WASHER Z/P 8.8	2
7	C002-0607	M8 X 20 HEX SET Z/P 8.8	4
8	C031-0123	M8 TYPE T NYLOC NUT Z/P	2
9	C021-0125	M8 STD C WASHER Z/P 8.8	4
10	C045-0105.	4.8 X 12 ALU/STEEL CSK RIVET	2
11	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
12	C021-0106	M10 STD A WASHER Z/P 8.8	2
13	C013-0202	M4 X 10 POZI PAN Z/P 4.8	1
14	C035-0101	M4 TYPE T NYLOC NUT Z/P	11
15	C013-0305	M5 X 16 POZI PAN Z/P 4.8	2
16	C031-0160	M5 TYPE P NYLOC NUT Z/P	2
17	C137-0136	TW230HB PETROL BONNET TOP AIR INTAKE ASSEMBLY	1
18	C137-0135	TW230HB PETROL FRONT GRILL SUPPORT ASSEMBLY	1
19	C137-0144	TW230HB PETROL FRONT GRILL ASSEMBLY	1
20	C137-0128	TW230 PETROL PLASTIC PANEL	2
21	C137-0148	TW230HB PETROL BONNET HATCH ASSEMBLY	1
22	C137-0153	TW230 TOP BONNET VENT MESH	2
23	C137-0158	TW230 PETROL GUARD TOP AIR INTAKE ASSY	1
24	C137-0134	TW230 HB PETROL SIDE PANEL BRACKET	2
25	0235	CATCH ASSY	1
26	C189-0103	TW230VTRP THROTTLE SUPPORT PLATE	1
27	CO911	THROTTLE ASSEMBLY	1
28	1397	THROTTLE HANDLE	1
29	C021-0121	M4 STD C WASHER Z/P 8.8	10

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

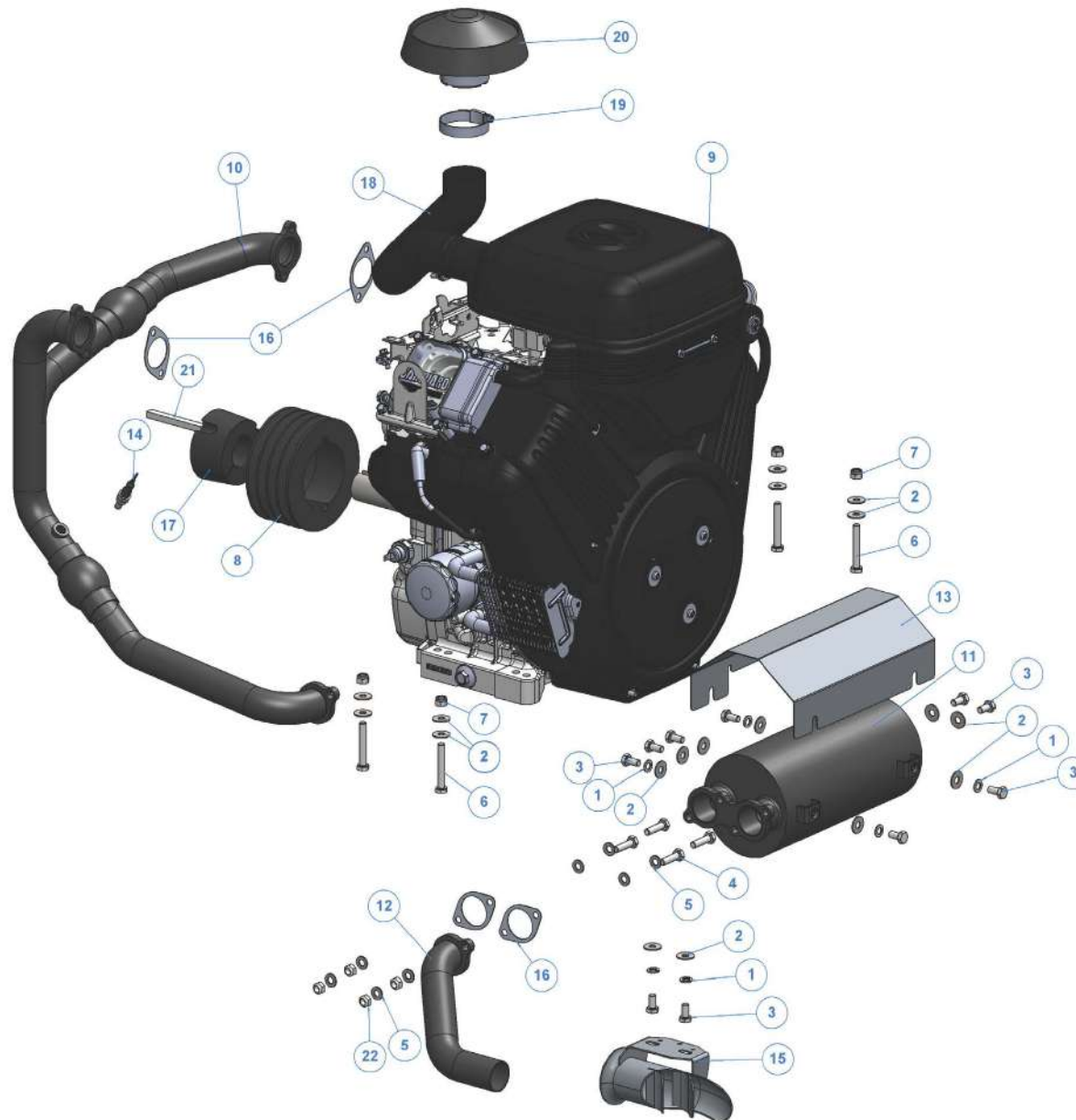
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0125	M8 STD C WASHER Z/P 8.8	8
2	C021-0105	M8 STD A WASHER Z/P 8.8	18
3	C002-0607	M8 X 20 HEX SET Z/P 8.8	12
4	C024-0103	M8 X 30 MUDGUARD WASHER Z/P 8.8	4
5	C031-0163	M8 TYPE P NYLOC NUT Z/P	6
6	C021-0127	M12 STD C WASHER Z/P 8.8	2
7	C002-0807	M12 X 20 HEX SET Z/P 8.8	2
8	C045-0105	4.8 X 6 ALU/STEEL RIVET	2
9	C045-0105	4.8 X 12 ALU/STEEL RIVET	2
10	C013-0405	M6 X 16 POZI PAN Z/P 4.8	3
11	C031-0161	M6 TYPE P NYLOC NUT Z/P	3
12	C021-0102	M5 STD A WASHER Z/P 8.8	3
13	C005-0305	M5 X 16 SKT CAP Z/P 12.9	3
14	C021-0126	M10 STD C WASHER Z/P	2
15	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
16	C031-0123	M8 TYPE T NYLOC NUT Z/P	2
17	C002-0611	M8 X 35 HEX SET Z/P 8.8	4
18	C023-0105	M8 SPRING WASHER - ZP	4
19	C030-0123	M8 HEX NUT Z/P 10	4
20	C002-0605	M8 X 16 HEX SET Z/P 8.8	2
21	0235	CATCH	1
22	0607F	ENGINE ACCESS COVER	1
23	0765	PANEL SIDE PLASTIC	2
24	C131-0523	SIDE PANEL BRACKET	2
25	2946	THROTTLE CABLE	1
26	4088	CATCH PLATE	1
27	4320	RESERVE TANK RADIATOR	1
28	17988	GASKET MUFFLER	3
29	18915F	S STL EXHAUST MUFFLER - TRACK (ISS 2)	1
30	18580F	GUARD FRONT ENGINE BAY	1
31	18581F	GUARD FILTER GRILLE	1
32	C155-0194	EXHAUST FLEXIBLE SECTION	1
33	P0002024F	TOP BONNET	1
34	P0002026	MUFFLER PLATE	1
35	2627	EMERGENCY STOP SWITCH	1
36	C021-0123	M6 STD C WASHER Z/P 8.8	3

TW 230HB Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☐

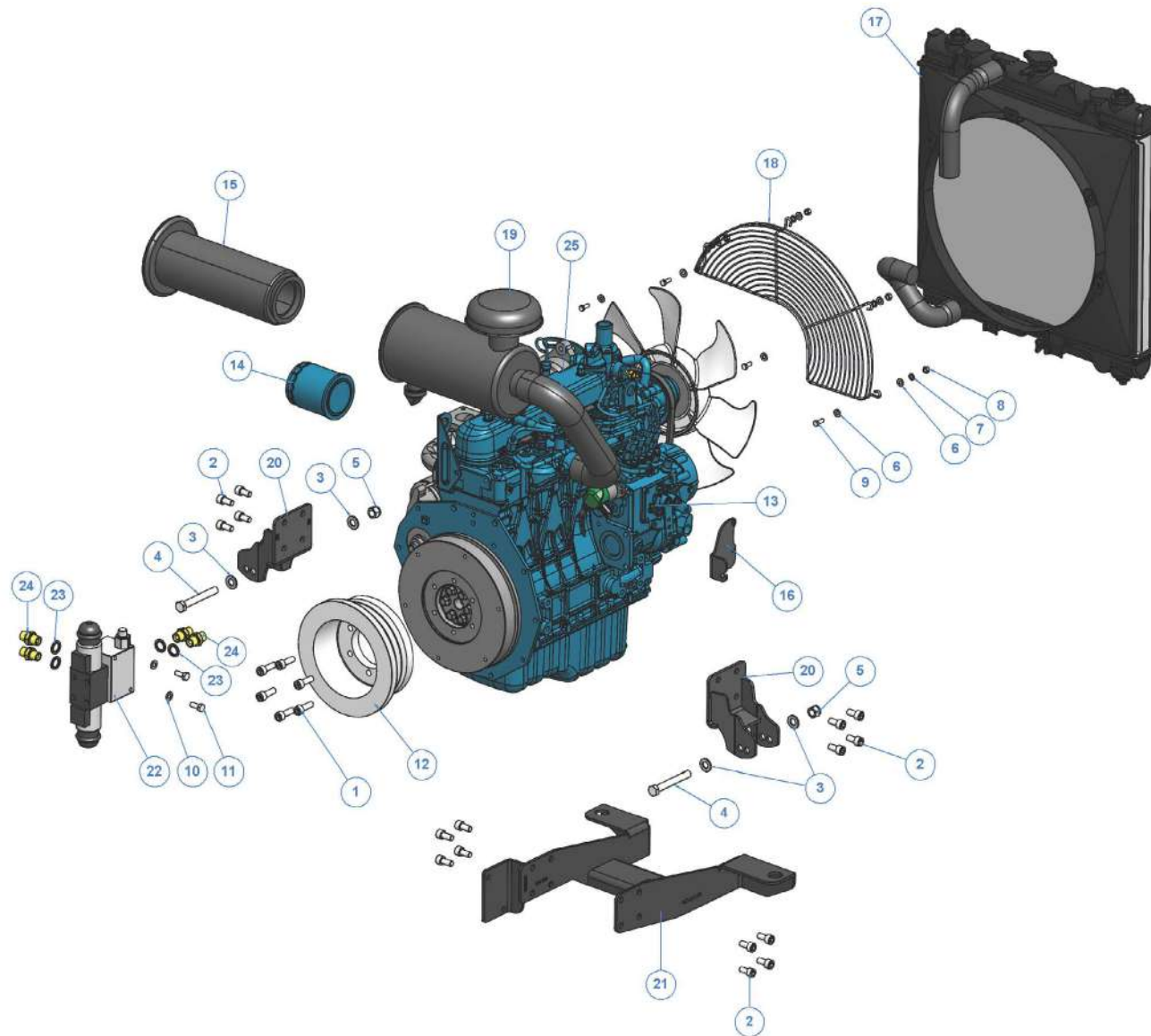
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0105	M8 STD A WASHER Z/P 8.8	12
2	C002-0610	M8 X 30 HEX SET Z/P 8.8	4
3	C002-0616	M8 X 60 HEX SET Z/P 8.8	4
4	C031-0163	M8 TYPE P NYLOC NUT Z/P	4
5	C002-0605	M8 X 16 HEX SET Z/P 8.8	6
6	C002-0607	M8 X 20 HEX SET Z/P 8.8	8
7	C021-0125	M8 STD C WASHER Z/P 8.8	18
8	C150-0152	VANGUARD 37GHP EFI 36.5X114.3mm CRANKSHAFT FLAT AIR FILTER	1
9	C051-0105	BLIND GROMMET PVC PLASTICISED TO SUIT 15.5 x 1.6MM HOLE	1
10	C155-0117	BRIGGS & STRATTON 37HP EXHAUST MUFFLER GASKET (809872)	2
11	C155-0190	TW230 PETROL EXHAUST SILENCER GASKET	2
12	C078-0109	JUBILEE CLIP 2A-50	1
13	C155-0197	TW230HBP EXHAUST SS STEEL	2
14	C155-0205	TW230HBP SILENCER ASSEMBLY STAINLESS STEEL	2
15	C155-0203	EXHAUST TAIL PIPE SS	2
16	C155-0160	TW230 PETROL DIFFUSER ASSEMBLY	1
17	C150-0147	VANGUARD LAMBDA SENSOR	1
18	C155-0170	TW230HB PETROL SILENCER HEAT SHIELD	1
19	C155-0172	TW230HB PETROL SILENCER SUPPORT FRONT	1
20	C155-0179	TW230HB PETROL SILENCER SUPPORT BACK	1
21	C159-0106	TW230 PETROL AIR INTAKE PIPE	1
22	C150-0154	VANGUARD ENGINE RAIN CAP	1
23	C125-3004	3/8" X 5/16" SQ END KEY STEEL	1
24	C035-0124	M8 STOVER NUT DIN 980 GRADE 8 Z/P	4
25	C023-0105	M8 SPRING WASHER - ZP	10

TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

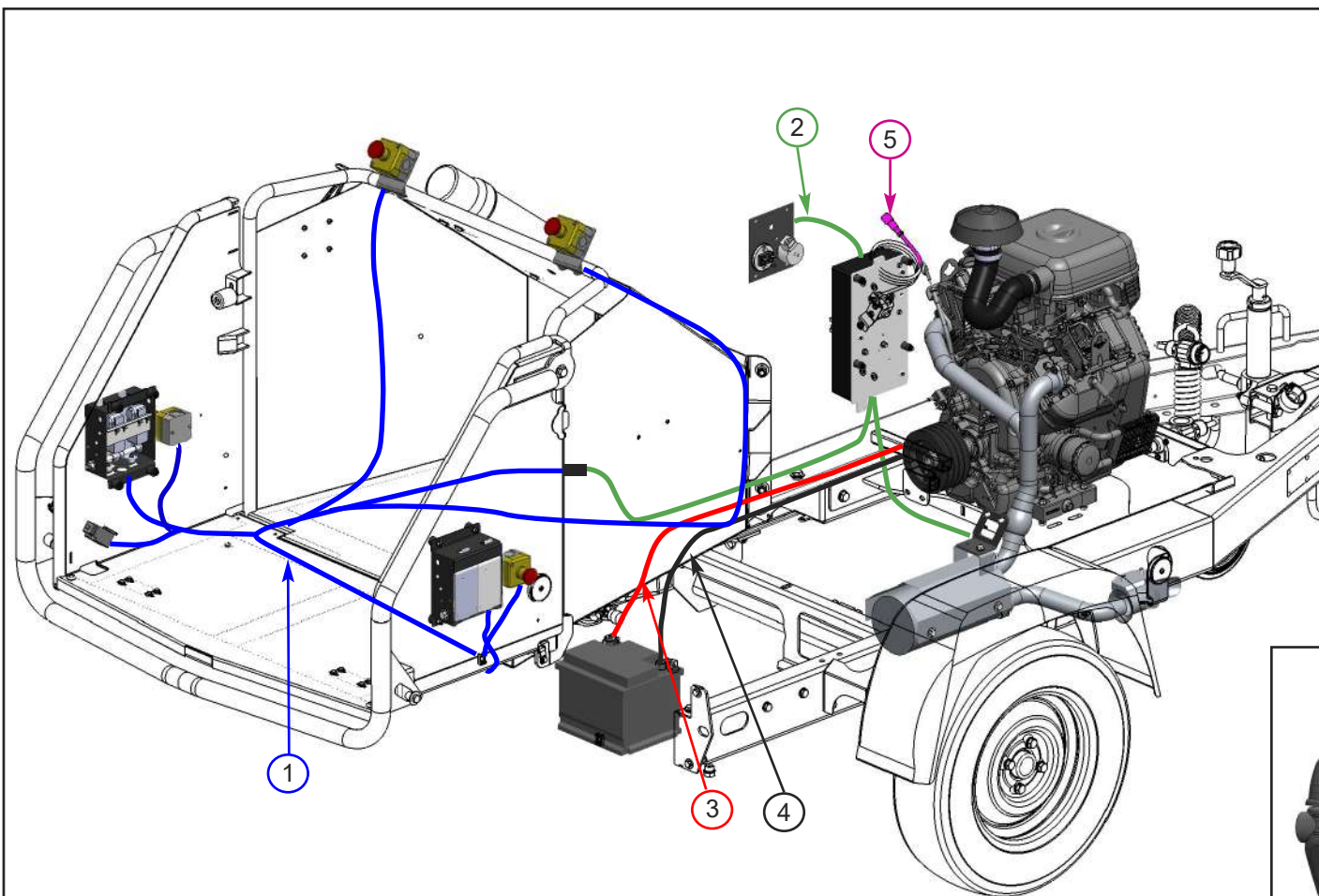
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C018-0709	M10 X 25 SKT CAP S/C FINE THREAD 12.9	6
2	C019-0130	M10 X 20 SKT CAP Z/P FINE THREAD 12.9	16
3	C021-0107	M12 STD A WASHER Z/P 8.8	4
4	C002-0822	M12 X 90 HEX SET Z/P 8.8	2
5	C031-0165	M12 TYPE P NYLOC NUT Z/P	2
6	C021-0123	M6 STD C WASHER Z/P 8.8	8
7	C023-0103	M6 SPRING WASHER - ZP	4
8	C030-0121	M6 HEX NUT Z/P 10	4
9	C002-0405	M6 X 16 HEX SET Z/P 8.8	4
10	C002-0612	M8 X 40 HEX SET Z/P 8.8	1
11	C031-0123	M8 TYPE T NYLOC NUT Z/P	1
12	C021-0105	M8 STD A WASHER Z/P 8.8	9
13	C002-0607	M8 X 20 HEX SET Z/P 8.8	7
14	C150-0150	KUBOTA V1505-E4B-ENT-1 ENGINE & ANCILLIARY KIT	1
15	EN095	OIL FILTER W21ESO1600	1
16	C171-0108	PUMP 8.51CC KUBOTA PTO	1
17	0086	AIR FILTER	1
18	P0000756	BRACKET THROTTLE CABLE	1
19	4319	RADIATOR KIT (1G666-72001)	1
20	4335	RADIATOR FAN GUARD	1
21	17988	GASKET MUFFLER	1
22	18327FB	S/STL EXHAUST MUFFLER. (ROAD TOW)	1
23	P0001636F	BRACKET ENGINE REAR UPPER	2
24	P0001686F	BRACKET ENGINE FRONT UPPER	1
25	P0002158M	ENGINE PULLEY SPA 150-3 STEEL	1
26	AIR FILTER HOUSING	SUPPLIED WITH ENGINE	1
27	AIR FILTER HOSE	SUPPLIED WITH ENGINE	1
28	KUBOTA V1505-E4B FAN	KUBOTA V1505-E4B FAN	1
29	1583	ADAPTOR 1/2" - 3/4" BSP	1
30	HY161	ADAPTOR MM 3/8 - 3/8	5
31	HY396	WASHER DOWTY 3/8"	5
32	HY398	WASHER DOWTY 1/2"	1
33	19369	DIRECTIONAL CONTROL VALVE NO FILTER	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

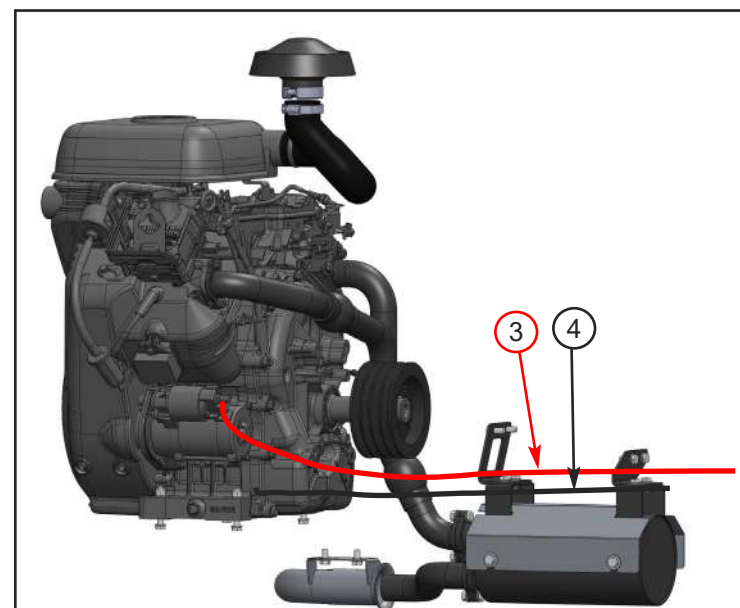
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C023-0105	M8 SPRING WASHER - ZP	6
2	C021-0125	M8 STD C WASHER Z/P 8.8	18
3	C002-0605	M8 X 16 HEX SET Z/P 8.8	10
4	C002-0610	M8 X 30 HEX SET Z/P 8.8	4
5	C021-0105	M8 STD A WASHER Z/P 8.8	8
6	C002-0615	M8 X 55 HEX SET Z/P 8.8	4
7	C031-0163	M8 TYPE P NYLOC NUT Z/P	4
8	C120-A132.4	132 X 4 SPA PULLEY (2517 TAPER LOCK)	1
9	C150-0152	VANGUARD 37GHP EFI 36.5X114.3mm CRANKSHAFT FLAT AIR FILTER	1
10	C155-0183	TW230VTRP EXHAUST ASSEMBLY	1
11	C155-0180	TW230VTRP MUFFLER ASSEMBLY	1
12	C155-0188	TW230VTRP EXHAUST END TUBE ASSEMBLY	1
13	C155-0187	TW230VTRP SILENCER HEAT SHIELD	1
14	C150-0147	VANGUARD LAMBDA SENSOR	1
15	C155-0160	TW230 PETROL DIFFUSER ASSEMBLY	1
16	C155-0117	BRIGGS & STRATTON 37HP EXHAUST MUFFLER GASKET (809872)	4
17	C123-1733	TAPER BORE BUSH 1.7/16 INCH SHAFT	1
18	C159-0106	TW230 PETROL AIR INTAKE PIPE	1
19	C078-0109	JUBILEE CLIP 2A-50	1
20	C150-0154	VANGUARD ENGINE RAIN CAP	1
21	C125-3004	3/8" X 5/16" SQ END KEY STEEL	1
22	C035-0124	M8 STOVER NUT DIN 980 GRADE 8 Z/P	4

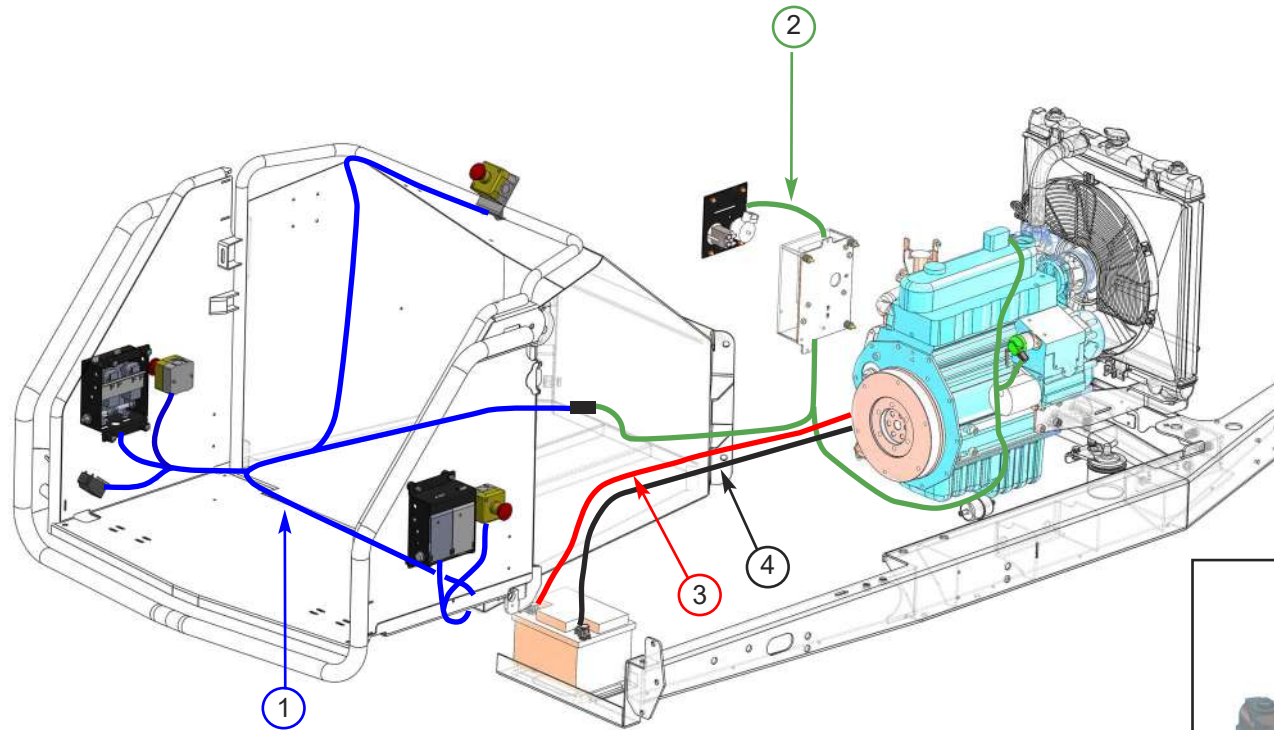
TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C018-0710	M10 X 30 SKT CAP S/C FINE THREAD 12.9	6
2	C019-0130	M10 X 20 SKT CAP Z/P FINE THREAD 12.9	16
3	C021-0107	M12 STD A WASHER Z/P 8.8	4
4	C002-0822	M12 X 90 HEX SET Z/P 8.8	2
5	C031-0165	M12 TYPE P NYLOC NUT Z/P	2
6	C021-0123	M6 STD C WASHER Z/P 8.8	8
7	C023-0103	M6 SPRING WASHER - ZP	4
8	C030-0121	M6 HEX NUT Z/P 10	4
9	C002-0405	M6 X 16 HEX SET Z/P 8.8	4
10	C021-0105	M8 STD A WASHER Z/P 8.8	2
11	C002-0607	M8 X 20 HEX SET Z/P 8.8	2
12	C121-0111	PULLEY SPA 4 180X3 210X1 Z	1
13	C150-0150	KUBOTA V1505-E4B-XL9 ENGINE & ANCILLARY KIT	1
14	C150-0153	KUBOTA V1505-E4B OIL FILTER	1
15	0086	AIR FILTER	1
16	P0000756	BRACKET THROTTLE CABLE	1
17	4319	RADIATOR KIT (1G666-72001)	1
18	4335	RADIATOR FAN GUARD	1
19	AIR FILTER HOUSING	SUPPLIED WITH ENGINE	1
20	P0001636F	BRACKET ENGINE REAR UPPER	2
21	P0001686F	BRACKET ENGINE FRONT UPPER	1
22	19369	DIRECTIONAL CONTROL VALVE NO FILTER	1
23	HY396	WASHER DOWTY 3/8"	4
24	HY161	ADAPTOR MM 3/8 - 3/8	4
25	AIR FILTER HOSE	SUPPLIED WITH ENGINE	1

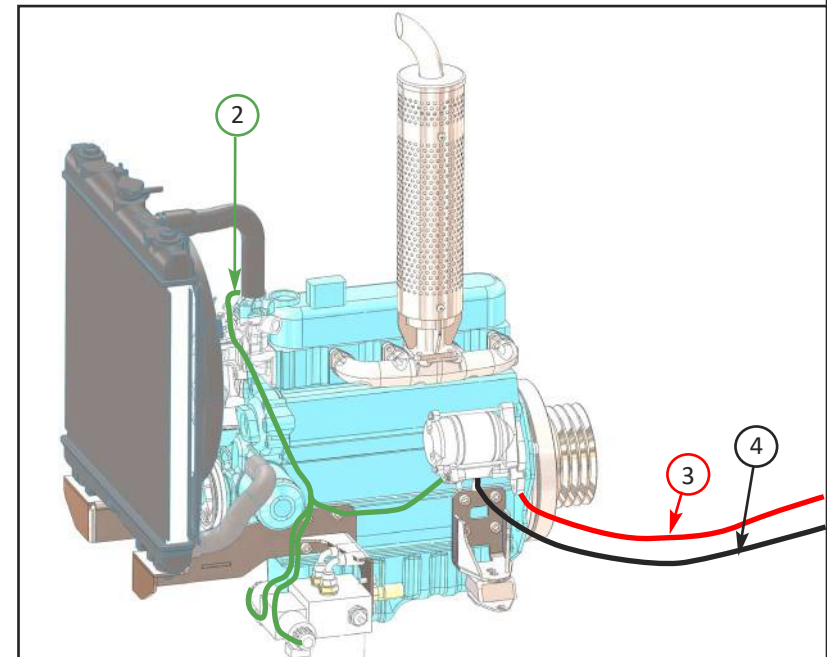
TW 230HB Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☐

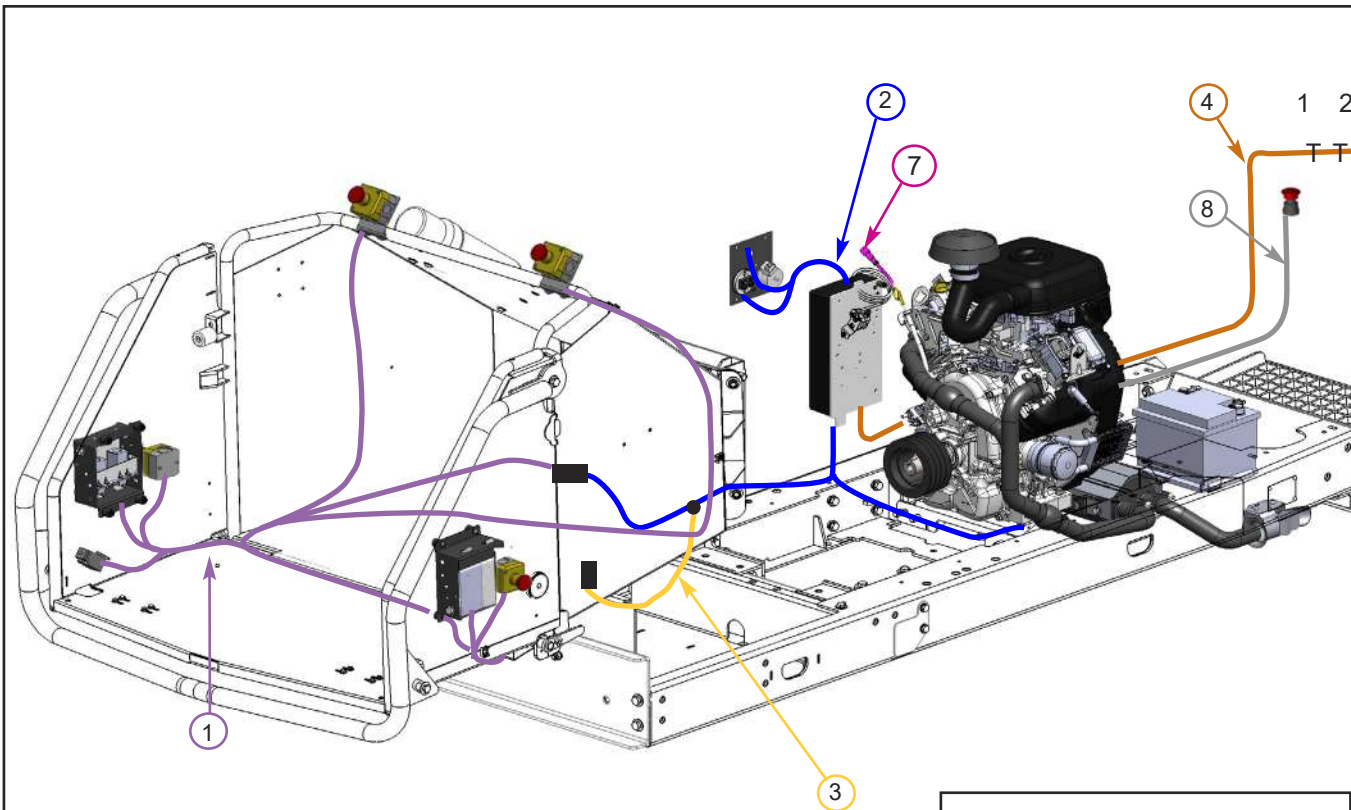
ITEM	PART NO	DESCRIPTION	QTY
1	C161-0137	FUNNEL LOOM	1
2	C161-0163	MAIN ENGINE LOOM	1
3	P0002131	*VE BATTERY CABLE	1
4	P0002132	*VE BATTERY CABLE	1
5	C161-0175	SPEED SENSOR	1



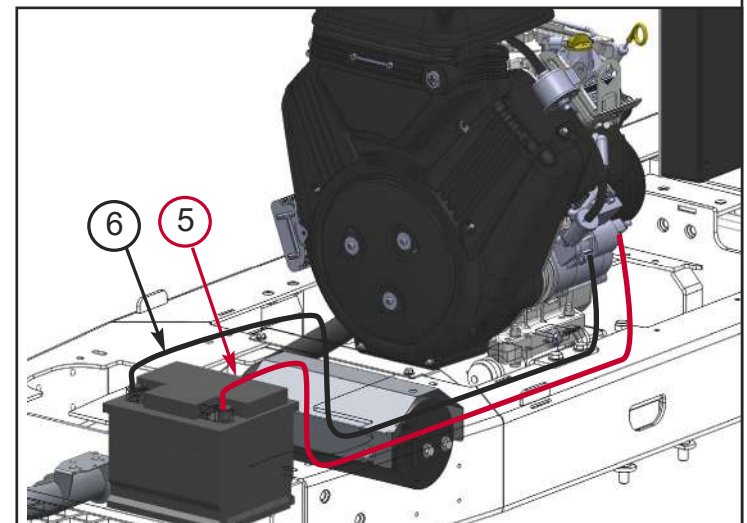
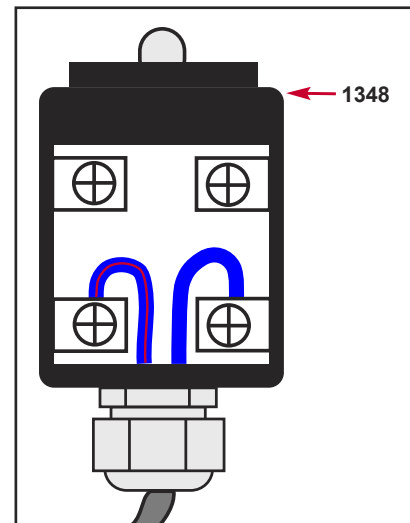
TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

ITEM	PART NO	DESCRIPTION	QTY
1	C161-0101	FUNNEL LOOM	1
2	C161-0145	MAIN ENGINE LOOM	1
3	P0002131	*VE BATTERY CABLE	1
4	P0002132	*VE BATTERY CABLE	1



TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

ITEM	PART NO	DESCRIPTION	QTY
1	C161-0137	FUNNEL LOOM	1
2	C161-0163	MAIN ENGINE LOOM	1
3	P0002135	FUNNEL SAFETY SWITCH LOOM	1
4	P0002577	1 & 2 SPEED LOOM	1
5	P0002512	+VE BATTERY CABLE	1
6	P0002513	-VE BATTERY CABLE	1
7	C161-0175	SPEED SENSOR	1
8	C161-0172	ENGINE KILL SW EXTENSION	1

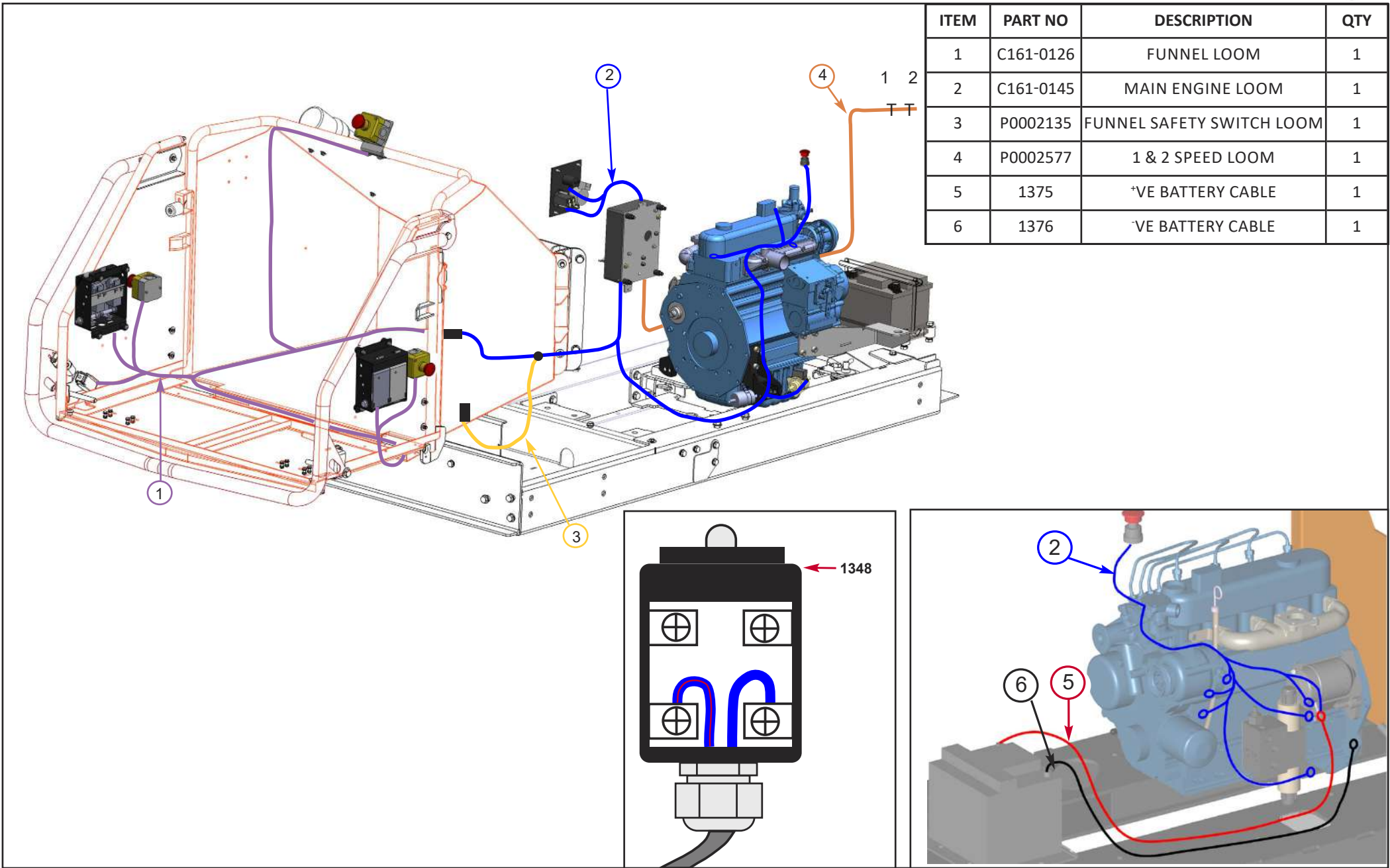


TW 230HB Petrol ☐

TW 230HB Diesel ☐

TW 230VTR Petrol ☐

TW 230VTR Diesel ☒



TW 230HB Petrol ☒

TW 230HB Diesel ☐

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C013-0302	M5 X 10 POZI PAN Z/P 4.8	6
2	C121-0103	PULLEY SPA 250 3 SPOKED MACHINED FOR TRIGGER WHEEL	1
3	PU410	TAPER LOCK 2517 38	1
4	P0001412	KEY 10X8X40	1
5	P0003448M	PUMP PULLEY SPA 1 X 140	1
6	P0002145M	TRIGGER WHEEL 114T	1
7	C124-A106	WEDGE BELT SPA850	1
8	C120-A132.4	132 X 4 SPA PULLEY (2517 TAPER LOCK)	1
9	C123-1733	TAPER BORE BUSH 1.7/16 INCH SHAFT	1
10	C125-3004	3/8" X 5/16" X 2" SQ END KEY STEEL	1
11	C124-A329	WEDGE BELT 1207 XPA	3

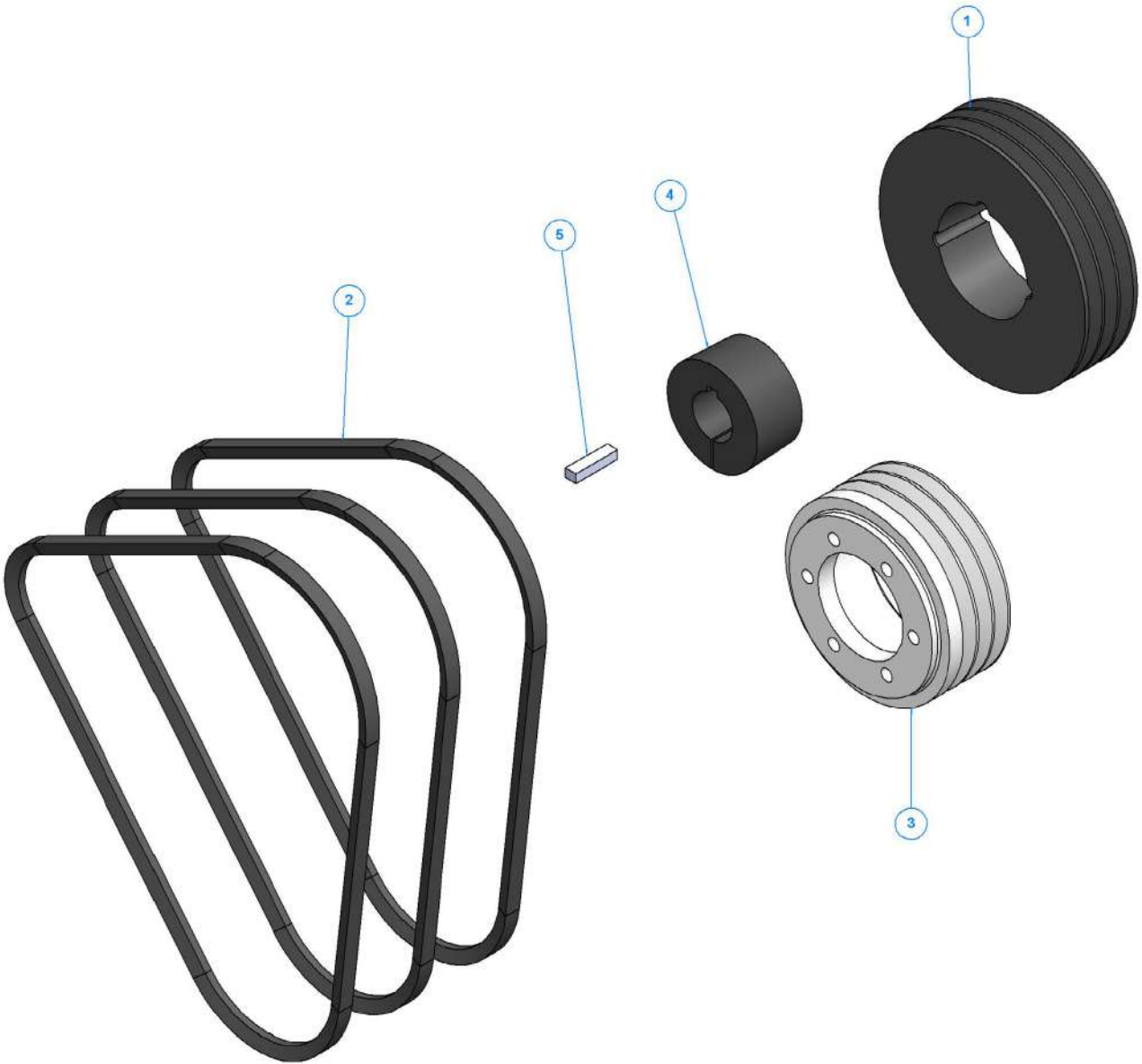


TW 230HB Petrol ☐

TW 230HB Diesel ☒

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐



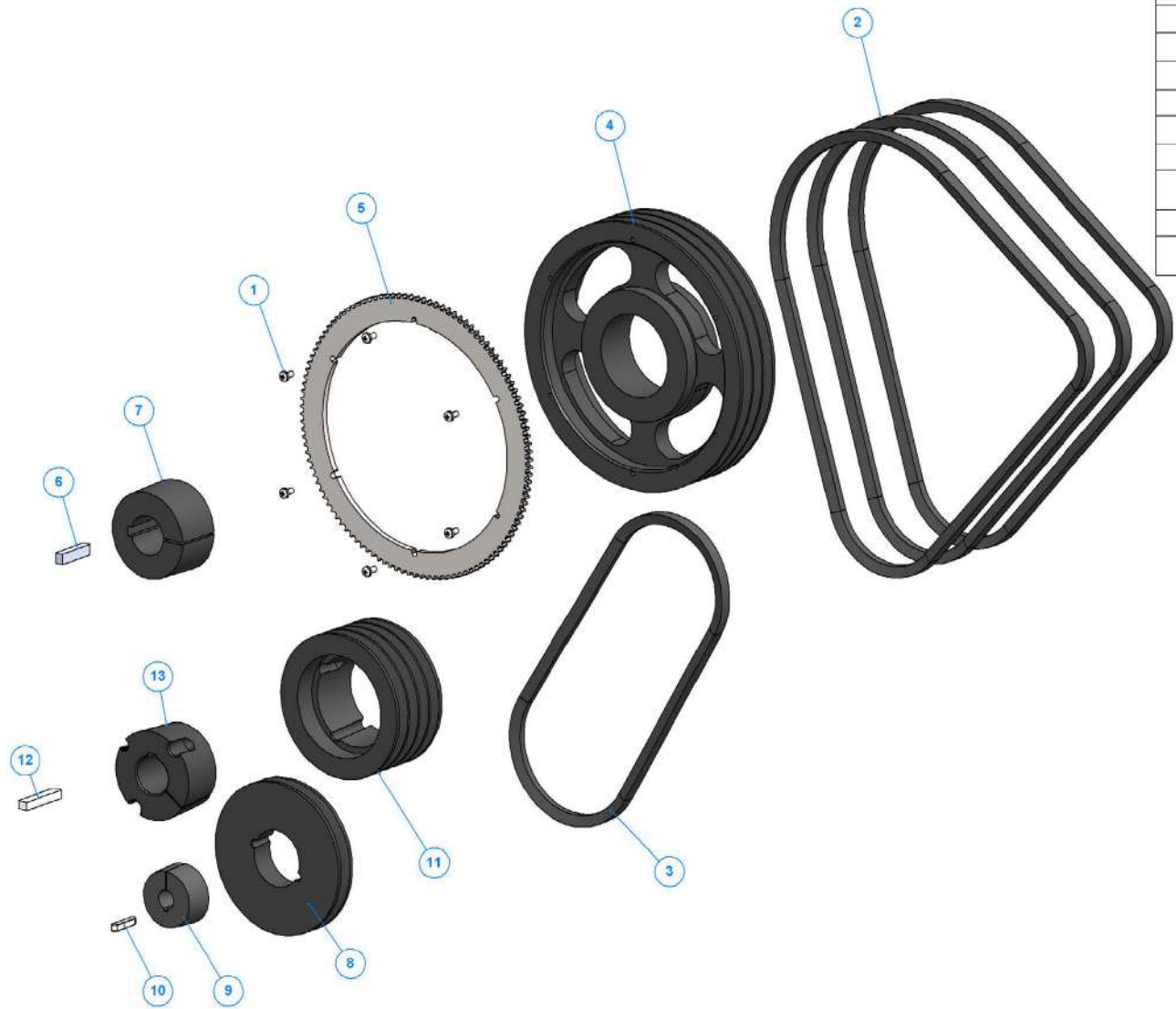
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C120-A190.3	PULLEY 190mm SPA3 (2517)	1
2	C124-A327	BELT 1157mm XPA QUAD POWER IV	3
3	P0002158M	Engine Pulley SPA 150-3 Steel	1
4	PU410	Taper Lock 2517 38	1
5	P0001412	Key 10x8x40	1

TW 230HB Petrol ☐

TW 230HB Diesel ☐

TW 230VTR Petrol ☒

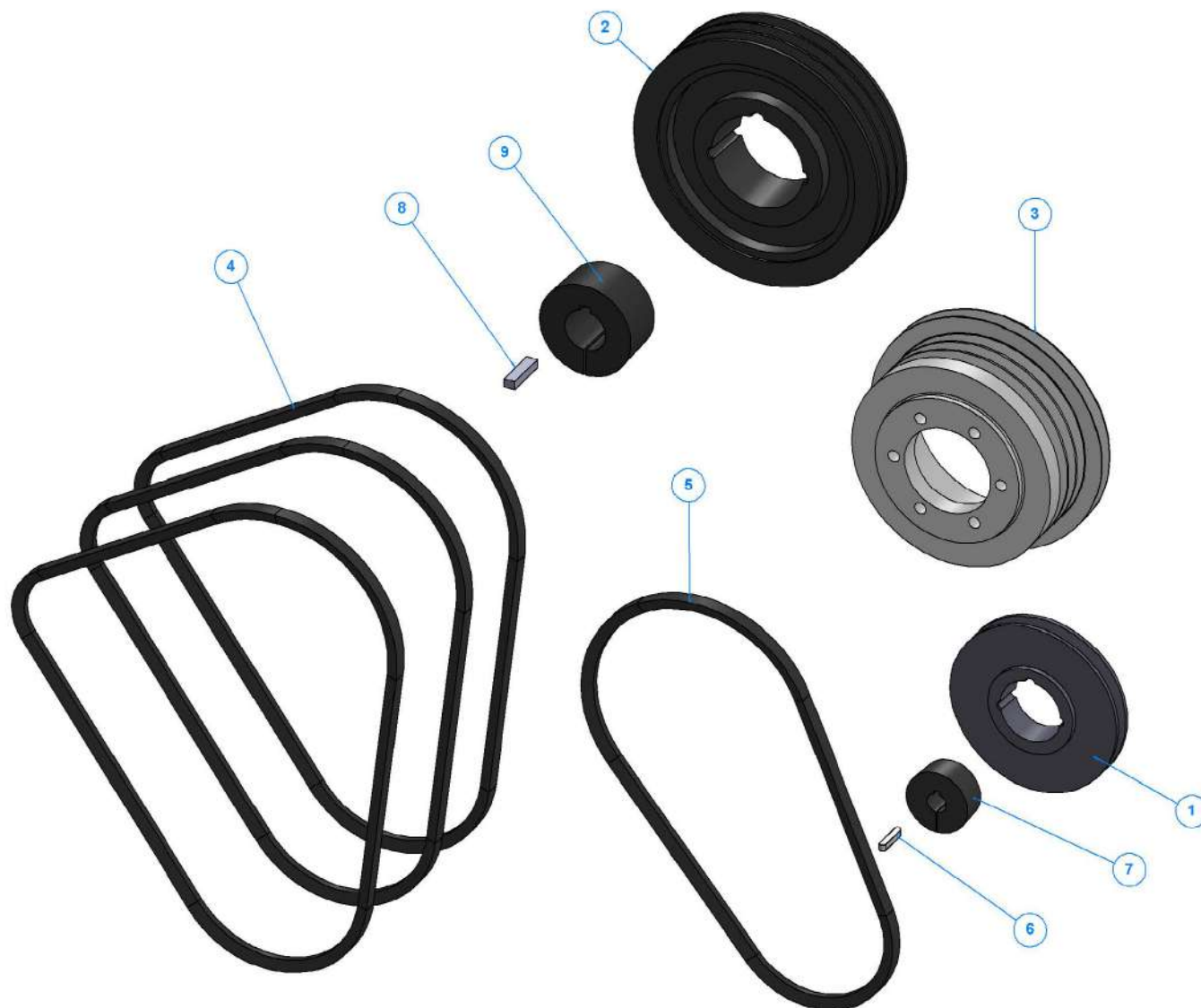
TW 230VTR Diesel ☐

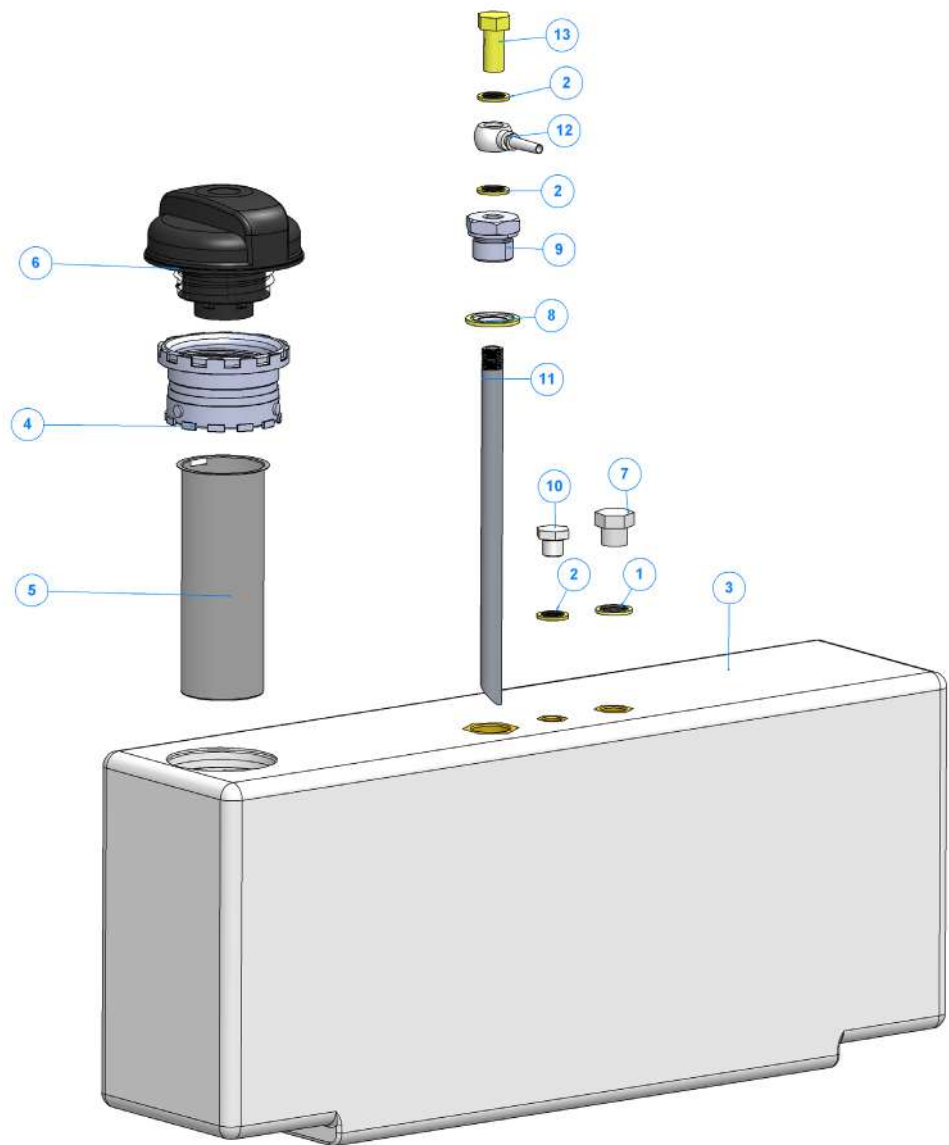


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C013-0302	M5 X 10 POZI PAN Z/P 4.8	6
2	C124-A329	WEDGE BELT 1207 XPA	3
3	P0002163	GATES QUAD POWER 111 BELT XPA 832	1
4	C121-0103	PULLEY SPA 250 3 SPOKED MACHINED FOR TRIGGER WHEEL	1
5	P0002145M	TRIGGER WHEEL 114T	1
6	P0001412	KEY 10X8X40	1
7	PU410	TAPER LOCK 2517 38	1
8	C120-A140.1	PULLEY 140 X 1 SPA	1
9	2975	TAPER LOCK BUSH 1610 18mm	1
10	C125-0513	DIN 685 A6X6X32	1
11	C120-A132.4	132 X 4 SPA PULLEY (2517 TAPER LOCK)	1
12	C125-3004	3/8" X 5/16" X 2" SQ END KEY STEEL	1
13	C123-1733	TAPER BORE BUSH 1.7/16 INCH SHAFT	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C120-A150.1	Pulley 150 x 1 SPA	1
2	C120-A224.3	PULLEY 224mm SPA3 (2517)	1
3	C121-0111	PULLEY SPA 4 180x3 210x1 Z	1
4	C124-A332	BELT 1250mm XPA QUAD POWER IV	3
5	C124-A315	BELT 975mm XPA	1
6	C125-0513	DIN 685 A6x6x32	1
7	2975	Taper Lock Bush 1610 18mm	1
8	P0001412	Key 10x8x40	1
9	PU410	Taper Lock 2517 38	1





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	HY396	WASHER DOWTY 3/8"	1
2	HY395	1/4" DOWTY WASHER	3
3	1566	TANK FUEL	1
4	P0001815	THREADED FILLER NECK OD65	1
5	P0001816	SS STRAIN FOR TANKS WITH REINFORCEMENT RING	1
6	P0001817	P0001817 FUEL TANK CAP	1
7	HY211	3/8" DRAIN PLUG	1
8	HY152	WASHER DOWTY 3/4"	1
9	18568	18568 REDUCER BUSH (DOWTY) 3-4M X 1-4F	1
10	HY296	1/4 BLANKING PLUG	1
11	C172-0100	THREADED FUEL PICK UP 230mm	1
12	C070-0104	QUARTER INCH BANJO FITTING	1
13	4059	QUARTER INCH BANJO BOLT	1



HY389

TW 230HB Petrol ☐

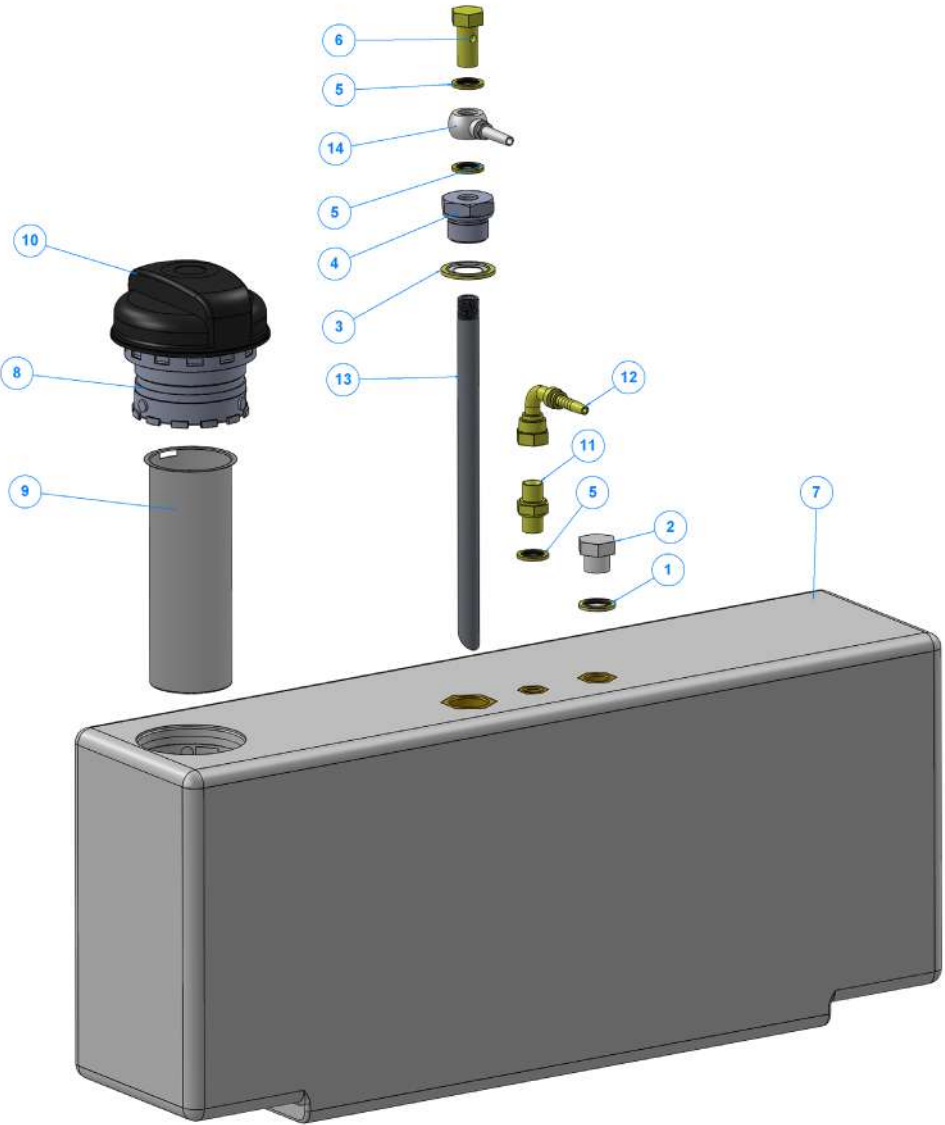
TW 230HB Diesel ☒

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐



Kit No. 18391K



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	HY396	WASHER DOWTY 3/8"	1
2	HY211	3/8" DRAIN PLUG	1
3	HY152	WASHER DOWTY 3/4"	1
4	18568	18568 REDUCER BUSH (DOWTY) 3-4M X 1-4F	1
5	HY395	1/4" DOWTY WASHER	3
6	4059	QUARTER INCH BANJO BOLT	1
7	1566	TANK FUEL	1
8	P0001815	THREADED FILLER NECK OD65	1
9	P0001816	SS STRAIN FOR TANKS WITH REINFORCEMENT RING	1
10	P0001817	P0001817 FUEL TANK CAP	1
11	18883	1/4"-1/4" ADAPTER	1
12	19430	1/4" BSP TAIL	1
13	C172-0100	THREADED FUEL PICK UP 230mm	1
14	C070-0104	QUARTER INCH BANJO FITTING	1

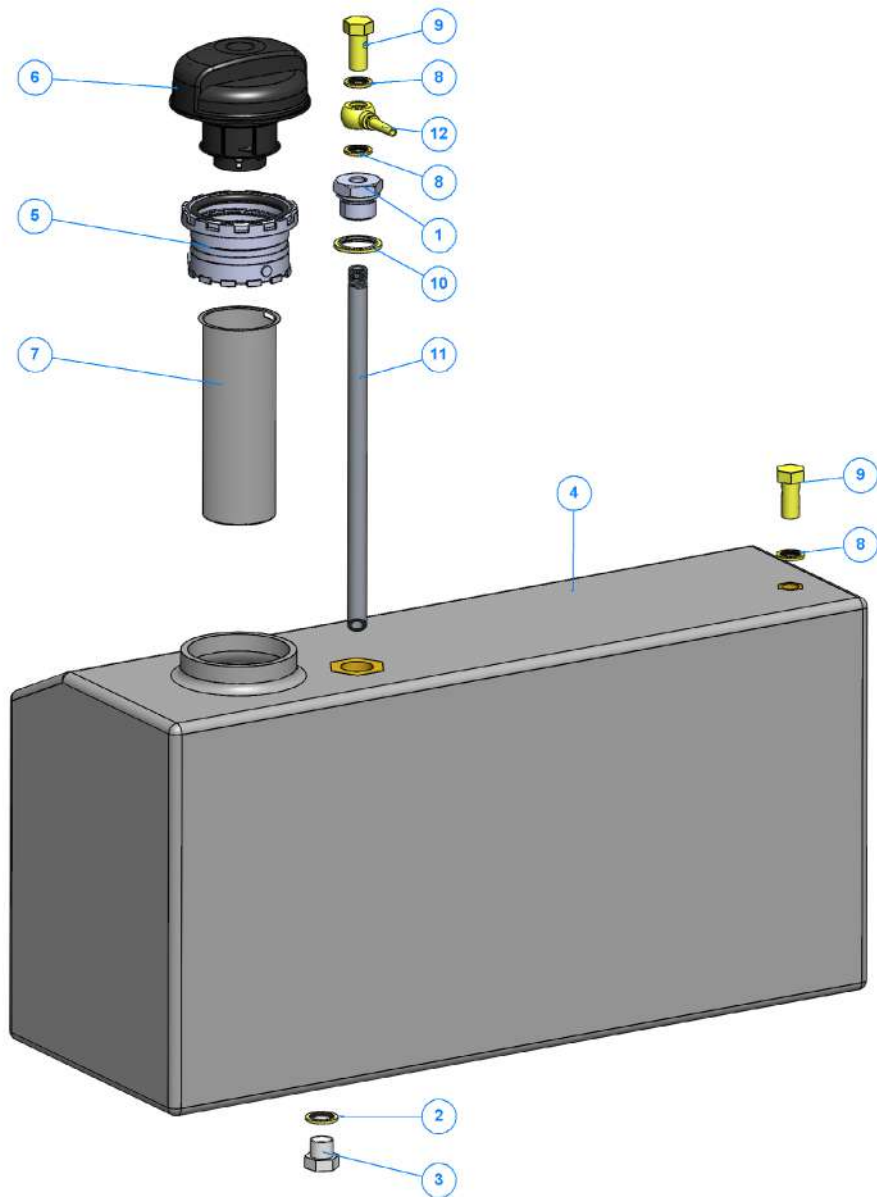


TW 230HB Petrol ☐

TW 230HB Diesel ☐

TW 230VTR Petrol ☒

TW 230VTR Diesel ☐



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	18568	18568 Reducer Bush (Dowty) 3-4M x 1-4F	1
2	HY396	Washer Dowty 3/8"	1
3	HY211	3/8" Drain Plug	1
4	P0001710	Tank Fuel 38 Litre	1
5	P0001815	Threaded Filler Neck OD65	1
6	P0001817	P0001817 Fuel Tank Cap	1
7	P0001816	SS Strain for Tanks with Reinforcement Ring	1
8	HY395	1/4" Dowty Washer	3
9	4059	Quarter Inch Banjo Bolt	2
10	HY152	Washer Dowty 3/4"	1
11	C172-0101	Threaded Fuel Pick Up 280mm	1
12	C070-0104 Quarter Inch Banjo Fitting	Quarter Inch Banjo Fitting	1



TW 230HB Petrol ☐

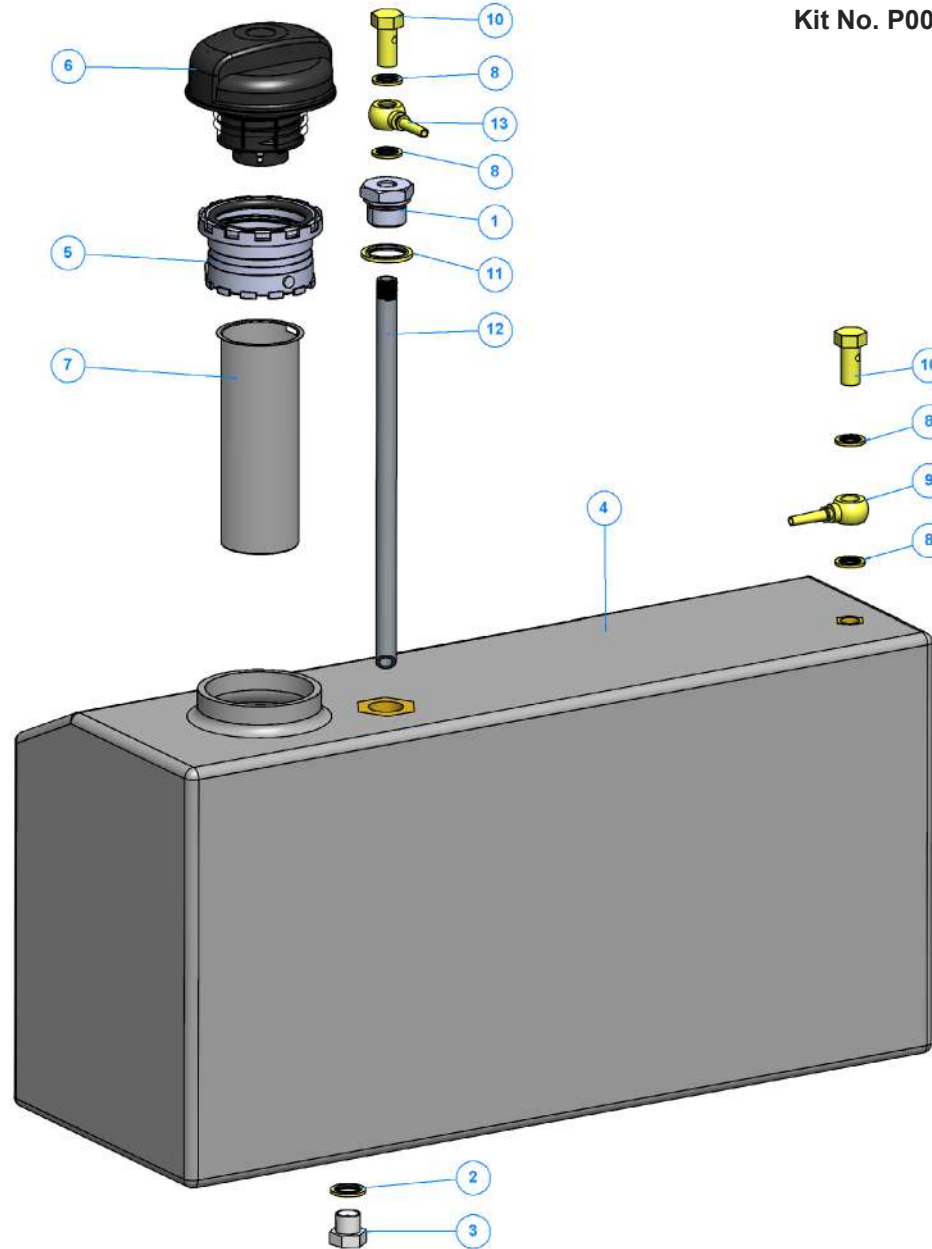
TW 230HB Diesel ☐

TW 230VTR Petrol ☐

TW 230VTR Diesel ☒



Kit No. P0002821

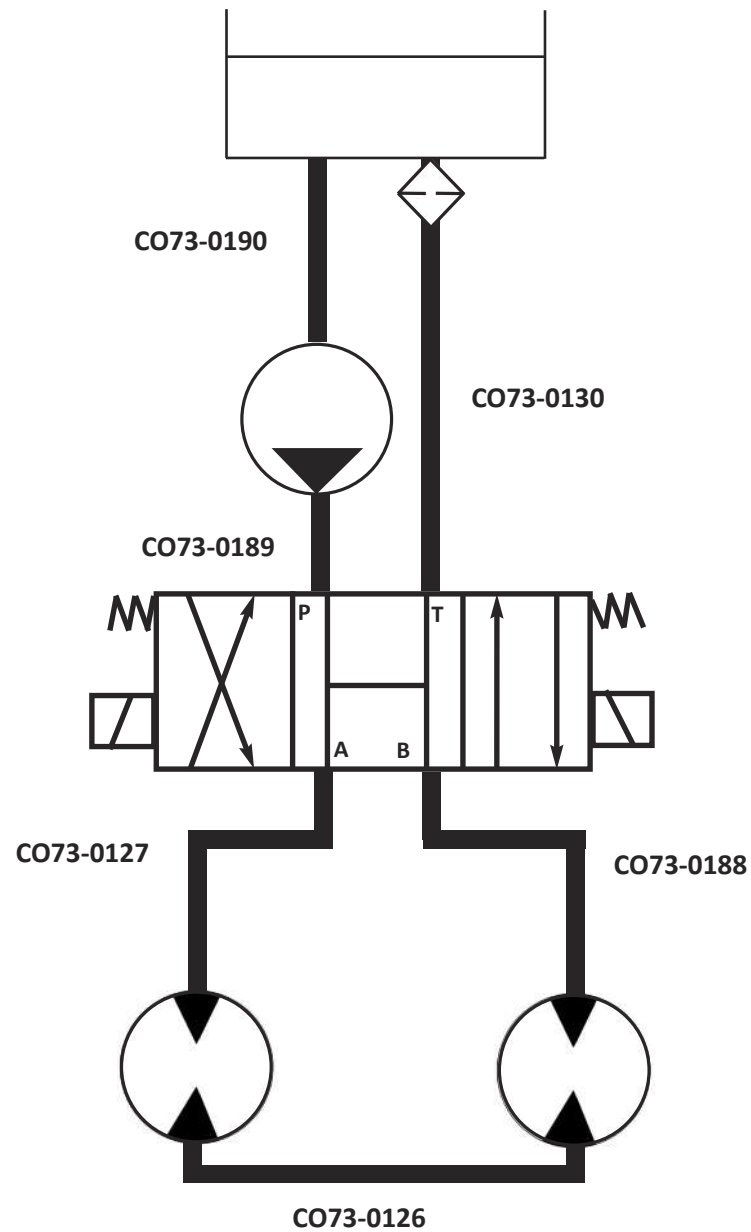


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	18568	18568 Reducer Bush (Dowty) 3-4M x 1-4F	1
2	HY396	Washer Dowty 3/8"	1
3	HY211	3/8" Drain Plug	1
4	P0001710F	Tank Fuel 38 Litre with Fittings	1
5	P0001815	Threaded Filler Neck OD65	1
6	P0001817	P0001817 Fuel Tank Cap	1
7	P0001816	SS Strain for Tanks with Reinforcement Ring	1
8	HY395	1/4" Dowty Washer	4
9	17998	1/4" BSP Banjo Insert x 1/4" hosetail	1
10	4059	Quarter Inch Banjo Bolt	2
11	HY152	Washer Dowty 3/4"	1
12	C172-0101	Threaded Fuel Pick Up 280mm	1
13	C070-0104	Quarter Inch Banjo Fitting	1



**C073-0187**

CO73-0190
CO73-0130
CO73-0189
CO73-0127
CO73-0188
CO73-0126



TW 230HB Petrol ☐

TW 230HB Diesel ☒

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐



P0001396

P0001115

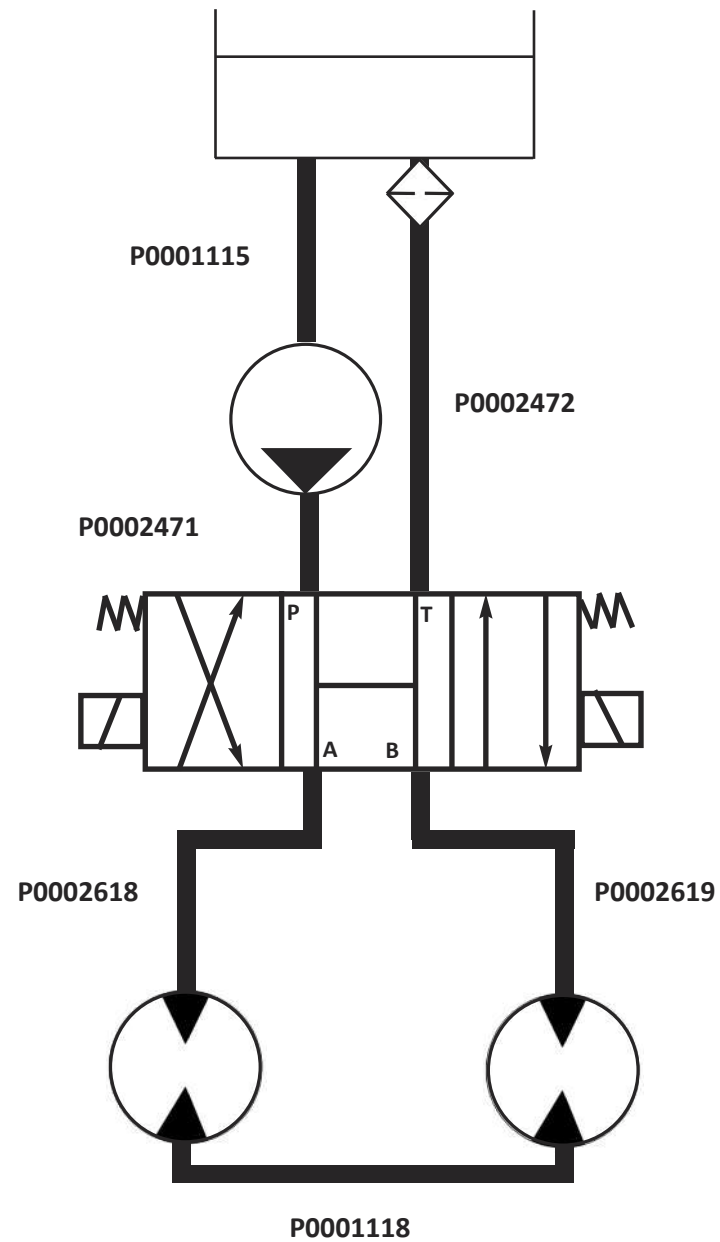
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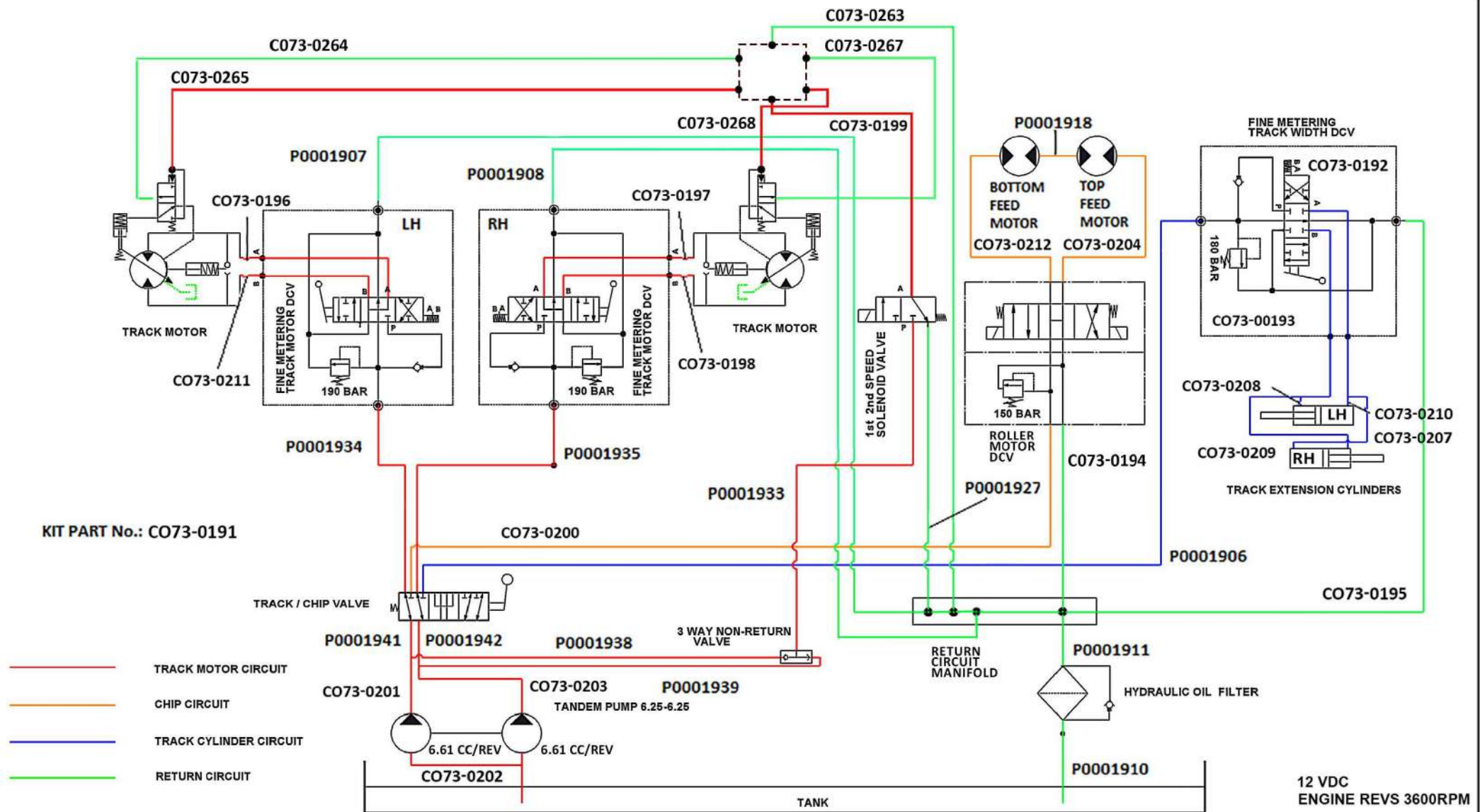
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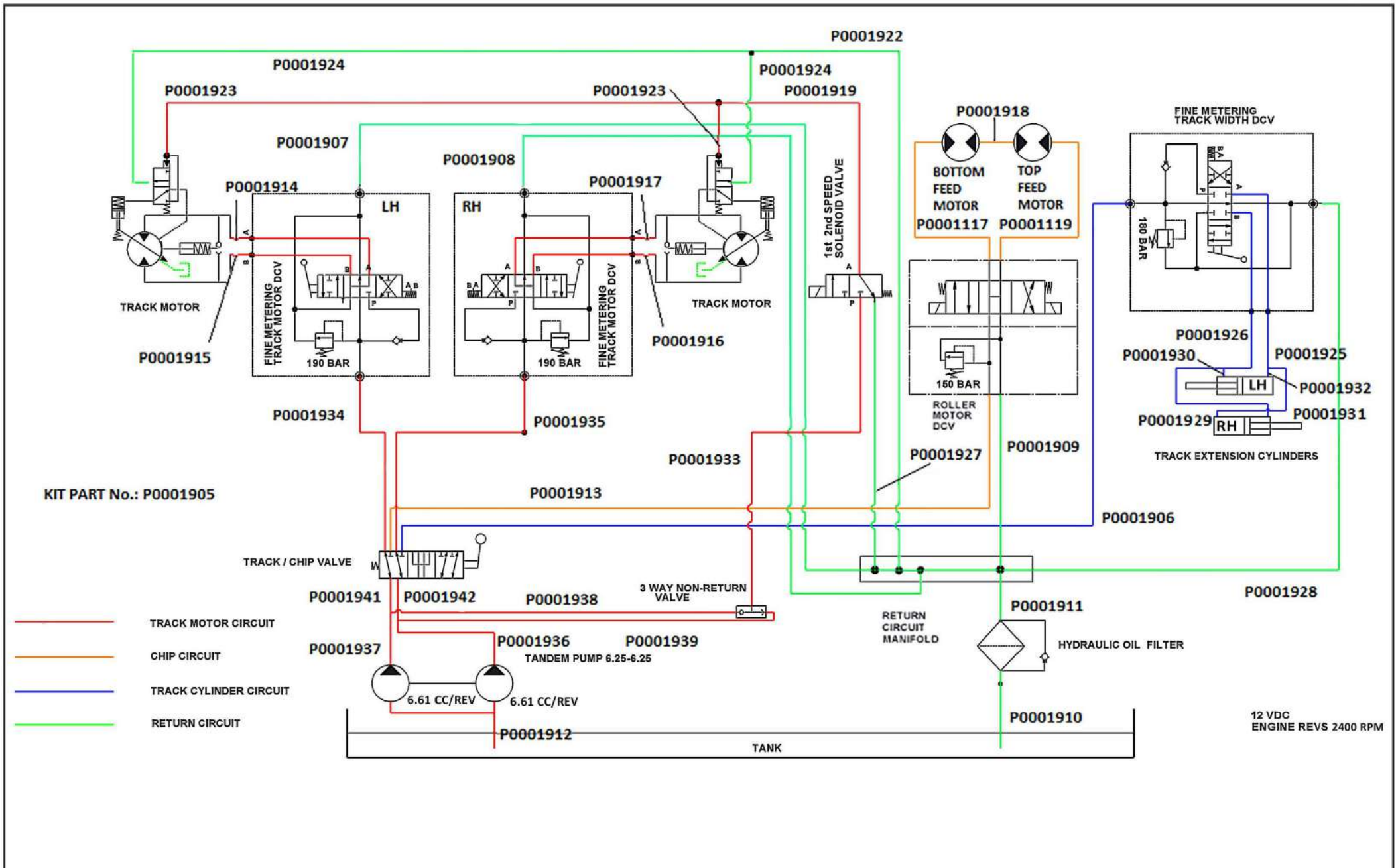
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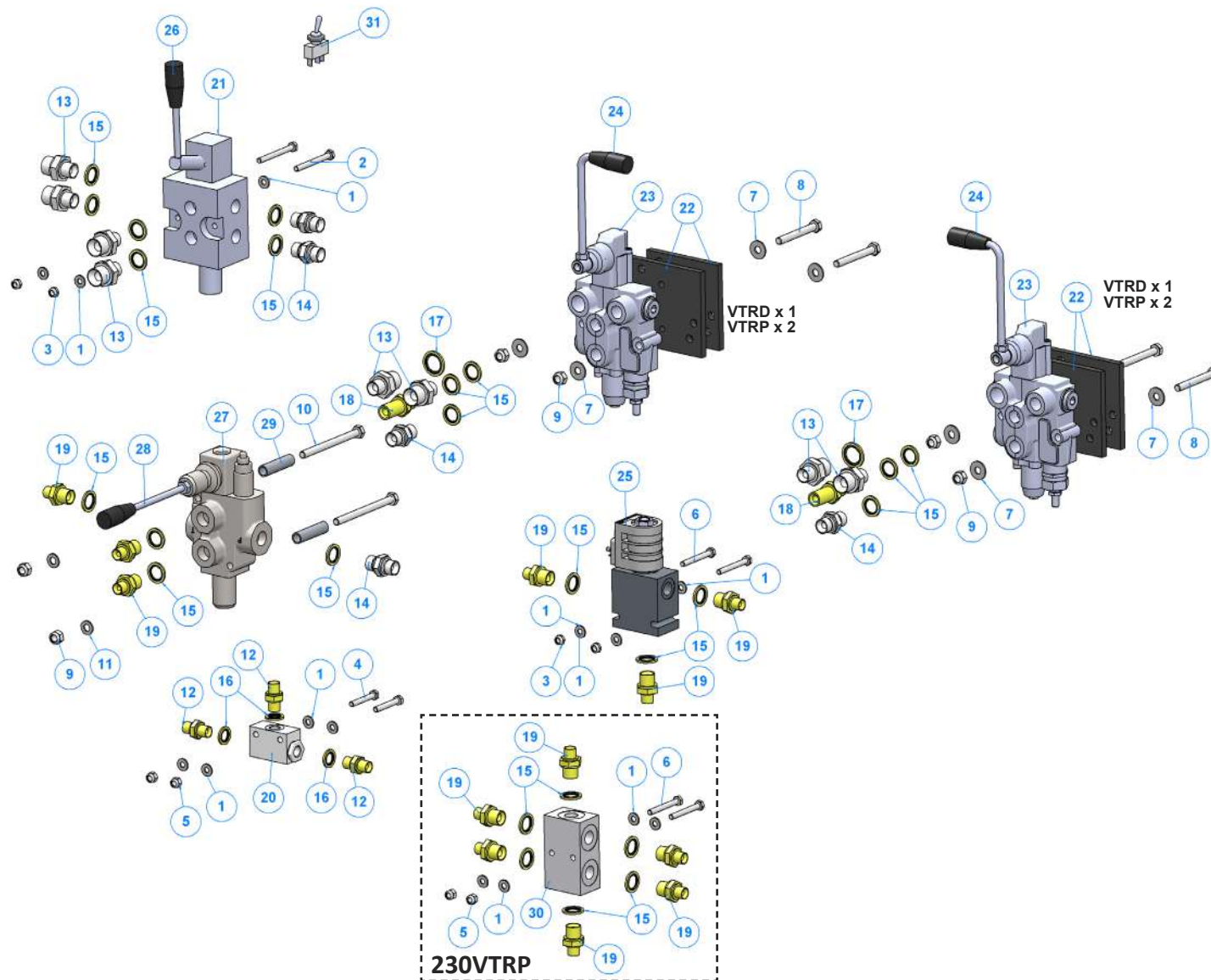
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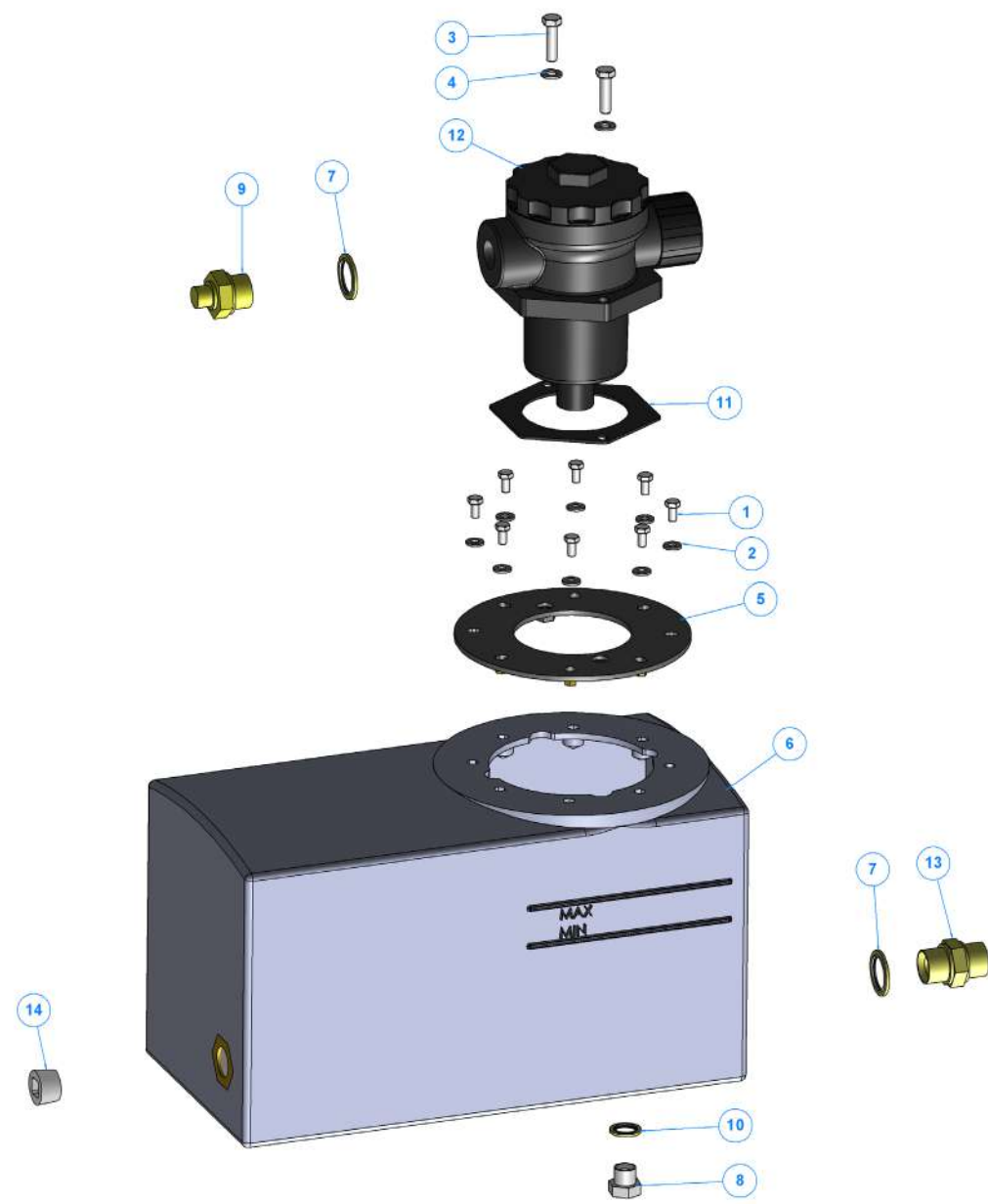


TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☒

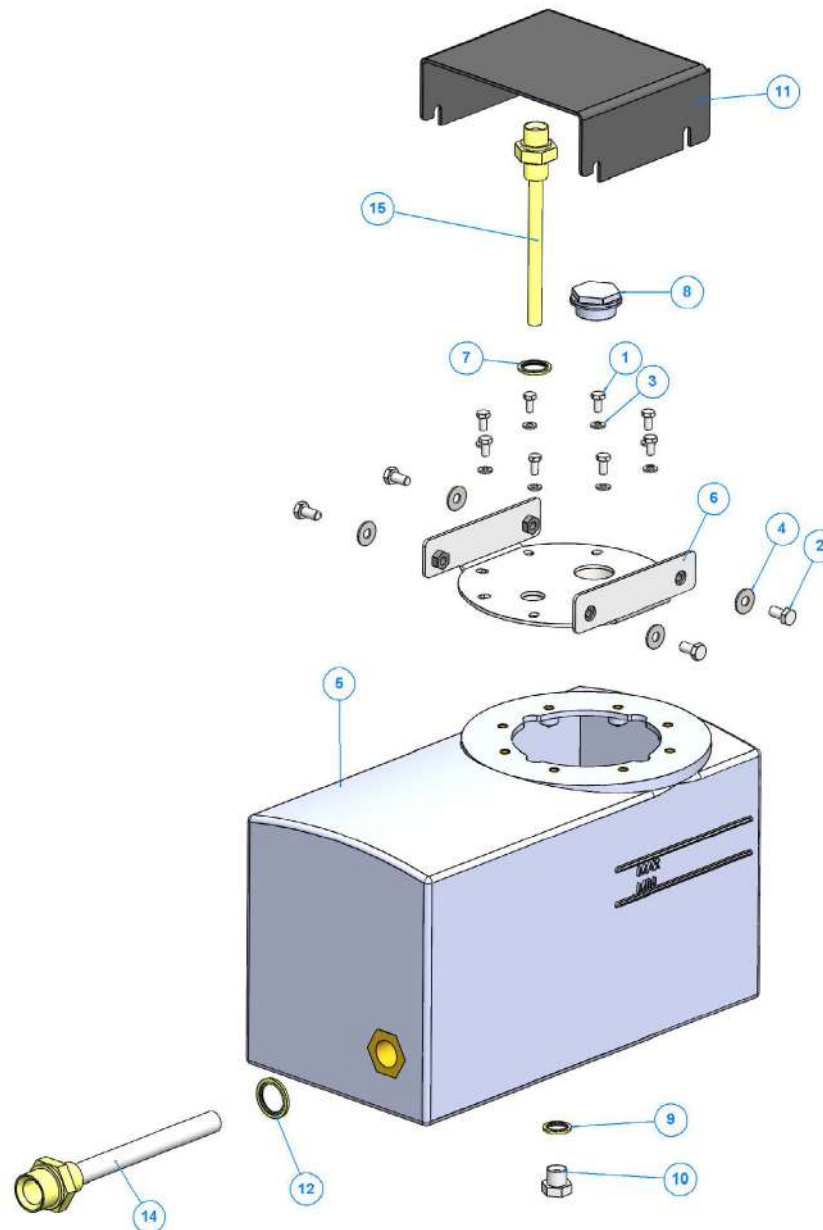
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0123	M6 STD C WASHER Z/P 8.8	16
2	C002-0416	M6 X 60 HEX SET Z/P 8.8	2
3	C031-0121	M6 TYPE T NYLOC NUT Z/P	4
4	C002-0412	M6 X 40 HEX SET Z/P 8.8	2
5	C031-0161	M6 TYPE P NYLOC NUT Z/P	4
6	C002-0414	M6 X 50 HEX SET Z/P 8.8	4
7	C021-0125	M8 STD C WASHER Z/P 8.8	8
8	C002-0617	M8 X 65 HEX SET Z/P 8.8	4
9	C031-0163	M8 TYPE P NYLOC NUT Z/P	6
10	C002-0622	M8 X 100 HEX SET Z/P 8.8	2
11	C021-0105	M8 STD A WASHER Z/P 8.8	2
12	18883	1/4"-1/4" ADAPTER	3
13	HY026	ADAPTER 3/8 - 1/2	8
14	HY161	ADAPTOR MM 3/8 - 3/8	5
15	HY396	WASHER DOWTY 3/8"	25
16	HY395	1/4" DOWTY WASHER	3
17	HY398	WASHER DOWTY 1/2"	2
18	HY828	FITTING 3/8 TO 3/8 BULKHEAD	2
19	HY033	FITTING 3/8 TO 1/4	12
20	P0001896	VALVE CHECK 3WAY 2F&1M 1/4"	1
21	1738	SIX WAY DIVERter VALVE	1
22	P0002284M	SAMPIERANA PROPORTIONAL CONTROL VALVE SHIM	2/4
23	P0002283	PROPORTIONAL CONTROL VALVE	2
24	18850F	L-SHAPED TRACK HANDLE	2
25	P0001895	VALVE SOLENOID 3WAY F 3/8"	1
26	1860	M8 LEVER	1
27	3005	Four Port Valve	1
28	HY1737	M8 LEVER X 150mm	1
29	C146-0159	TW230VTRP VARIABLE TRACK VALVE SPACER	2
30	C130-0166	MANIFOLD BLOCK 2X 'T' 3/8 BSP PORTS	1
31	TOGGLE SWITCH NON LATCHING PART OF P0002577		1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0403	M6 x 12 Hex Set Z/P 8.8	8
2	C021-0123	M6 STD C WASHER Z/P 8.8	8
3	C002-0610	M8 x 30 Hex Set Z/P 8.8	2
4	C021-0105	M8 STD A WASHER Z/P 8.8	2
5	1702F	Tank Top Adapter Plate	1
6	1703	Hydraulic Oil Tank	1
7	HY152	Washer Dowty 3/4"	2
8	HY211	3/8" Drain Plug	1
9	HY225	Adaptor 3/8" - 3/4" BSP	1
10	HY396	Washer Dowty 3/8"	1
11	HY1434F	Tank Top Filter Gasket	1
12	HY1434	In Tank Filter	1
13	HY1766	Adaptor 3/4" - 3/4" BSP	1
14	4219	3/4" Tapered Blanking Plug	1

HYDRAULIC OIL FILTER: FL100



TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☒

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0403	M6 X 12 HEX SET Z/P 8.8	8
2	C002-0605	M8 X 16 HEX SET Z/P 8.8	4
3	C021-0103	M6 STD A WASHER Z/P 8.8	8
4	C021-0125	M8 STD C WASHER Z/P 8.8	4
5	1703	HYDRAULIC OIL TANK	1
6	P0001079F	TOP PLATE ASSEMBLY	1
7	HY398	WASHER DOWTY 1/2"	1
8	19272	BREATHER	1
9	HY396	WASHER DOWTY 3/8"	1
10	HY211	3/8" DRAIN PLUG	1
11	P0001709F	COVER HYDRAULIC TANK	1
12	HY152	WASHER DOWTY 3/4"	1
13	4219	3/4" TAPERED BLANKING PLUG	1
14	P0002056	HYDRAULIC TANK OUTLET FITTING	1
15	P0002077	HYDRAULIC TUBE 1/2" - 1/2" FITTING	1

TW 230HB Petrol ☐

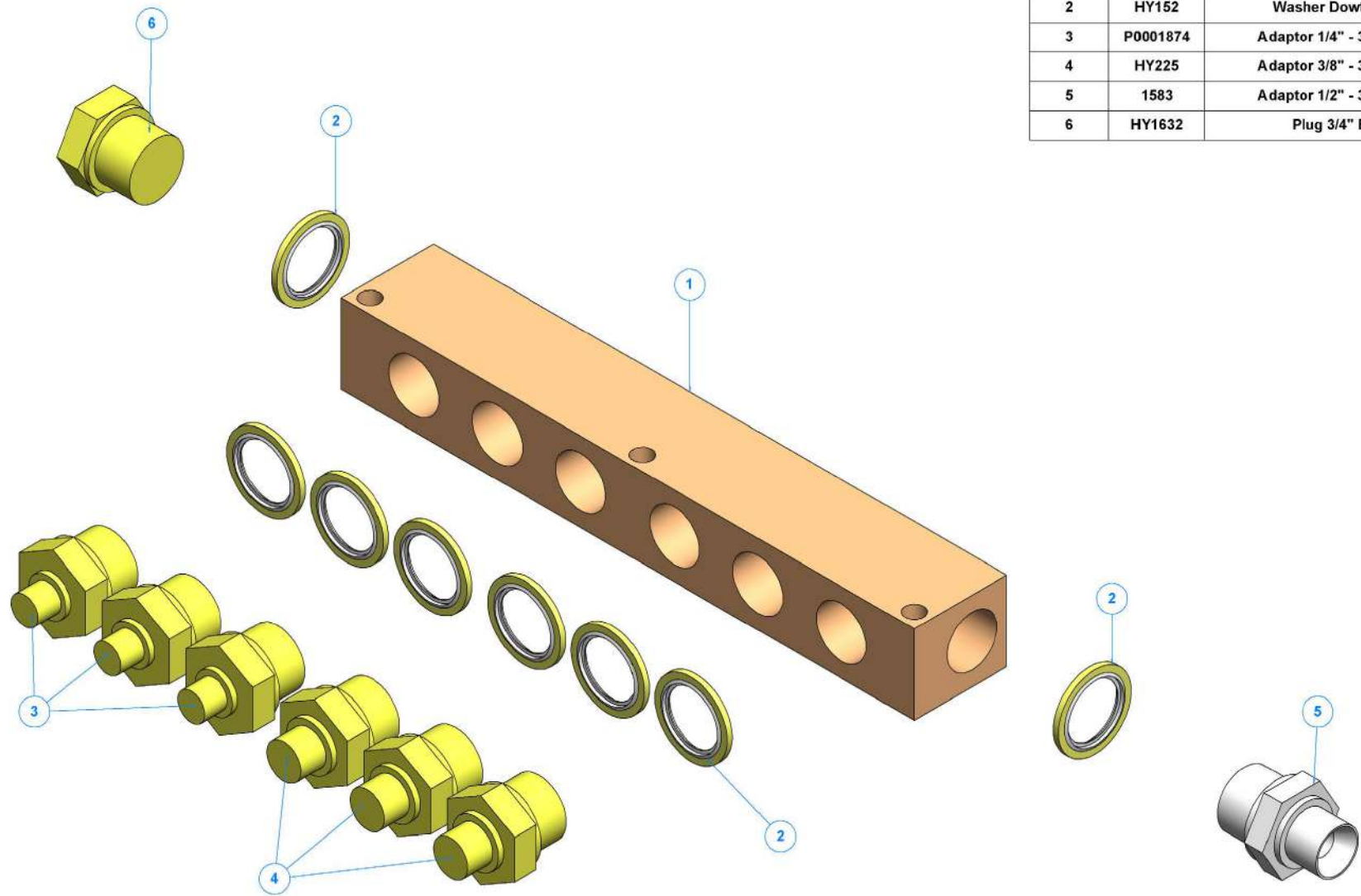
TW 230HB Diesel ☐

TW 230VTR Petrol ☒

TW 230VTR Diesel ☒



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	18880	8 port manifold	1
2	HY152	Washer Dowty 3/4"	8
3	P0001874	Adaptor 1/4" - 3/4" BSP	3
4	HY225	Adaptor 3/8" - 3/4" BSP	3
5	1583	Adaptor 1/2" - 3/4" BSP	1
6	HY1632	Plug 3/4" BSP	1

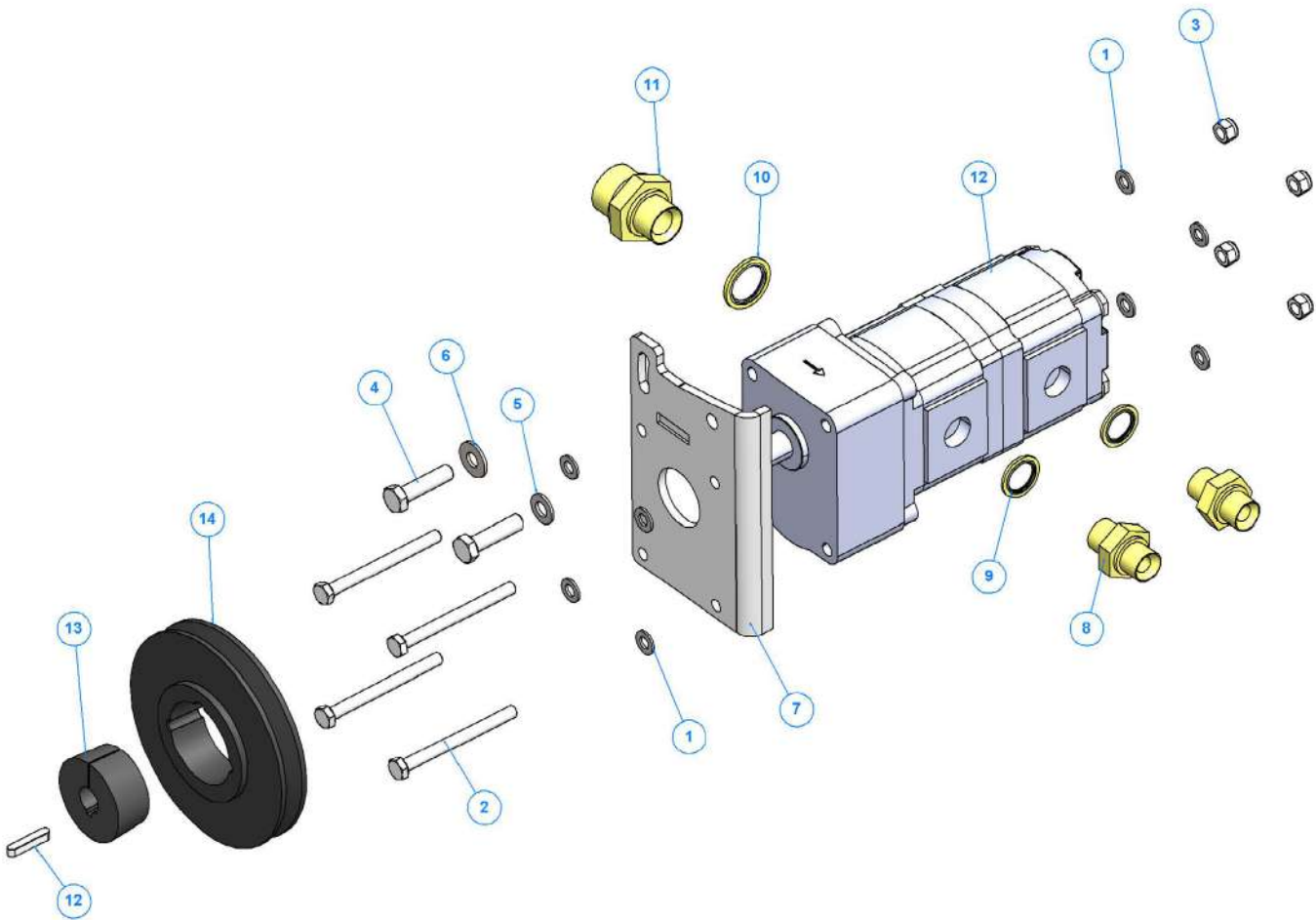


TW 230HB Petrol ☐

TW 230HB Diesel ☐

TW 230VTR Petrol ☒

TW 230VTR Diesel ☐



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0105	M8 STD A WASHER Z/P 8.8	8
2	C002-0622	M8 X 90 HEX SET Z/P 8.8	4
3	C031-0163	M8 TYPE P NYLOC NUT Z/P	4
4	C002-0712	M10 X 40 HEX SET Z/P 8.8	2
5	C021-0106	M10 STD A WASHER Z/P 8.8	1
6	C021-0126	M10 STD C WASHER Z/P	1
7	P0001682F	HYDRAULIC PUMP MOUNTING BRACKET	1
8	HY027	ADAPTOR 1/2" - 1/2" BSP	2
9	HY398	WASHER DOWTY 1/2"	2
10	HY152	WASHER DOWTY 3/4"	1
11	2694	ADAPTOR 1" - 3/4" BSP	1
12	P0002052	PUMP TANDEM 6.25CC CLOCKWISE	1
13	2975	TAPER LOCK BUSH 1610 18mm	1
14	C120-A140.1	PULLEY 140 X 1 SPA	1

TW 230HB Petrol ☐

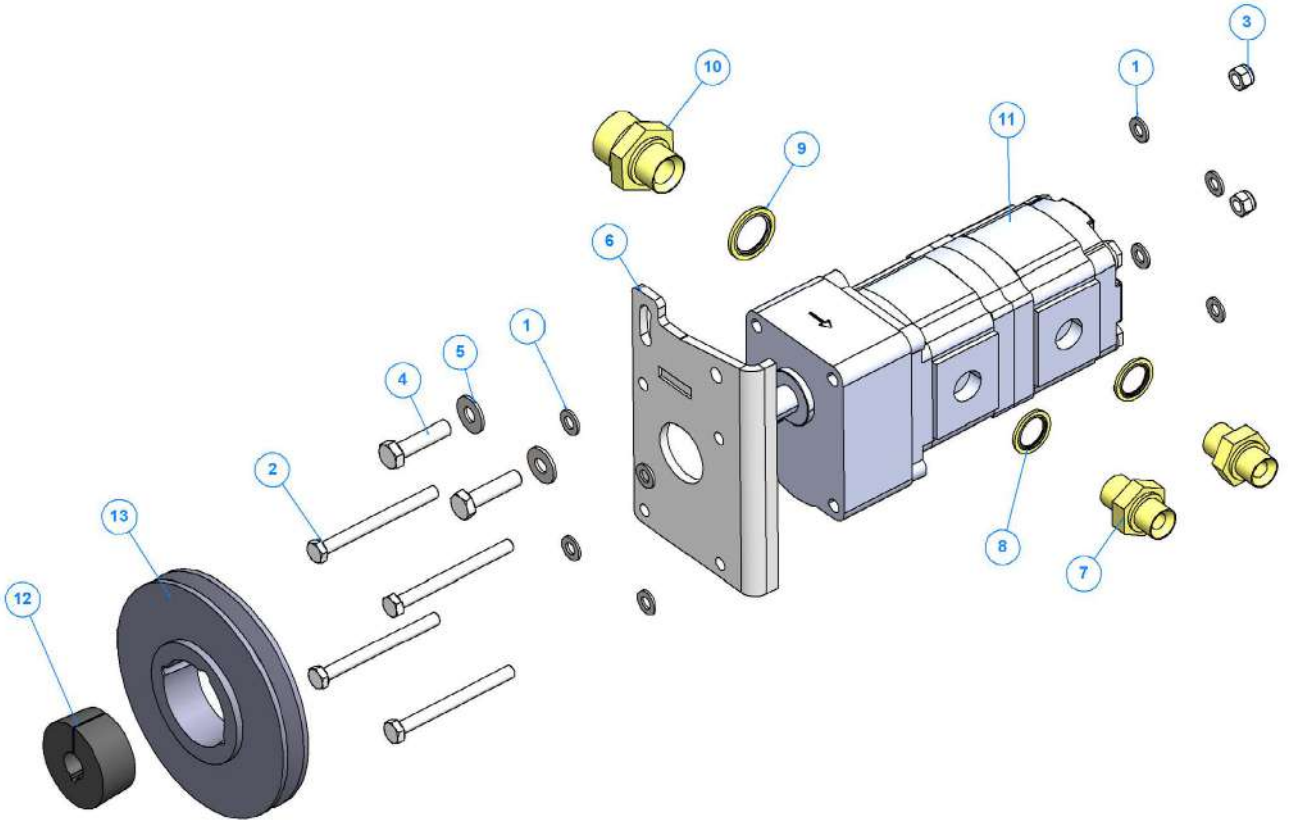
TW 230HB Diesel ☐

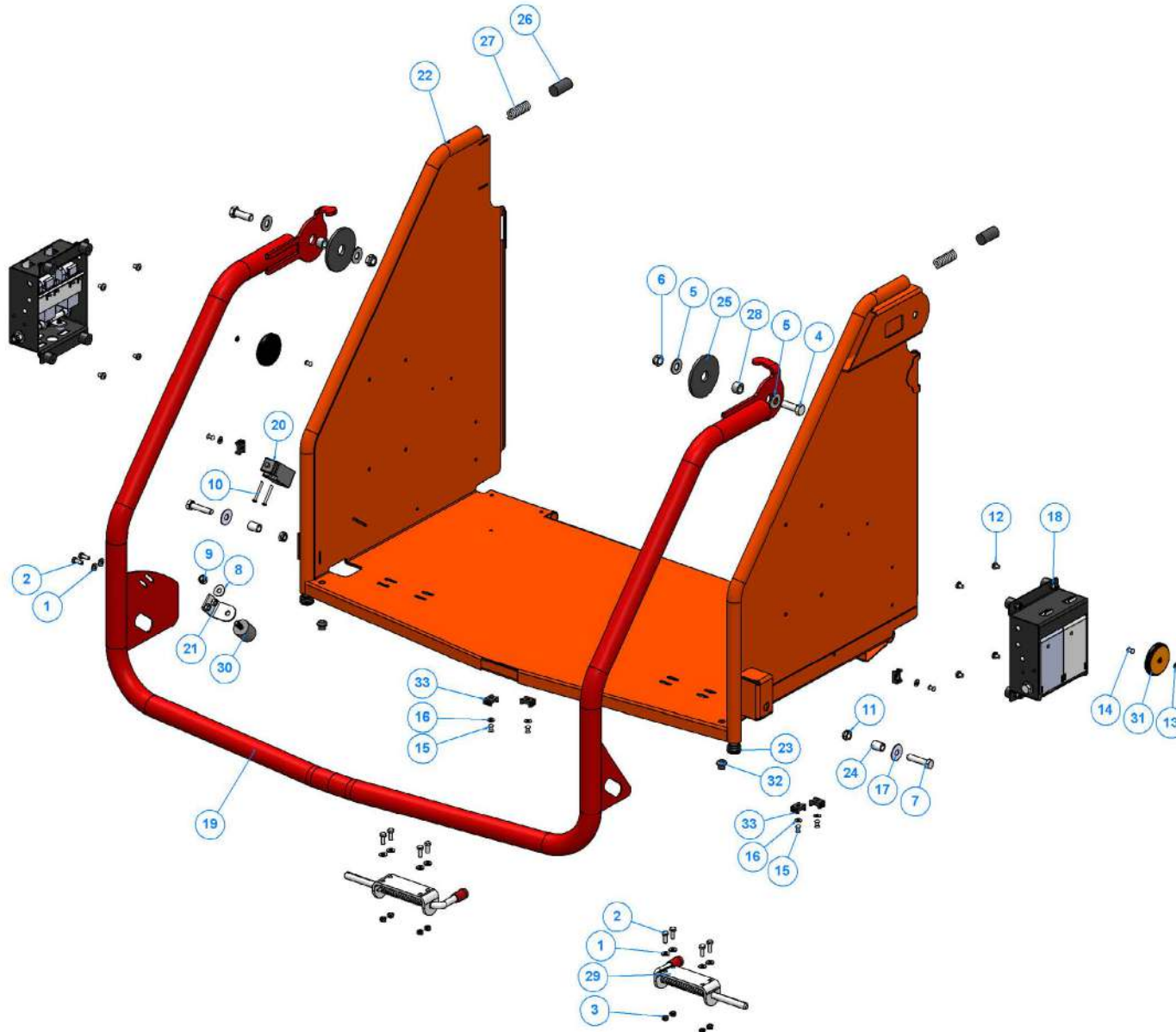
TW 230VTR Petrol ☐

TW 230VTR Diesel ☒

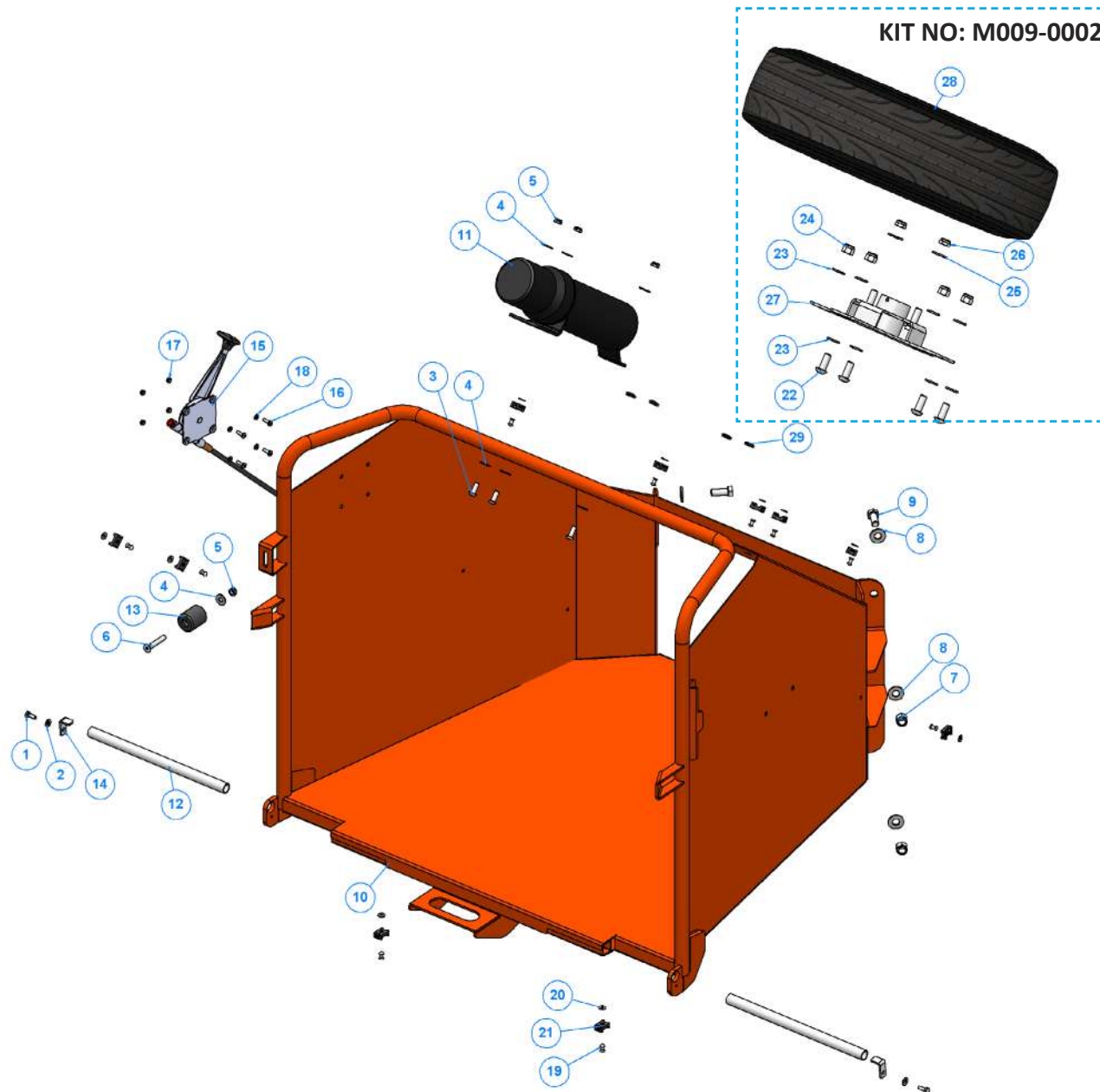


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0105	M8 STD A WASHER Z/P 8.8	8
2	C002-0622	M8 X 90 HEX SET Z/P 8.8	4
3	C031-0163	M8 TYPE P NYLOC NUT Z/P	4
4	C002-0712	M10 X 40 HEX SET Z/P 8.8	2
5	C021-0126	M10 STD C WASHER Z/P	2
6	P0001682F	HYDRAULIC PUMP MOUNTING BRACKET	1
7	HY027	ADAPTOR 1/2" - 1/2" BSP	2
8	HY398	WASHER DOWTY 1/2"	2
9	HY152	WASHER DOWTY 3/4"	1
10	2694	ADAPTOR 1" - 3/4" BSP	1
11	P0002052	PUMP TANDEM 6.25CC CLOCKWISE	1
12	2975	TAPER LOCK BUSH 1610 18mm	1
13	C120-A150.1	PULLEY 150 X 1 SPA	1

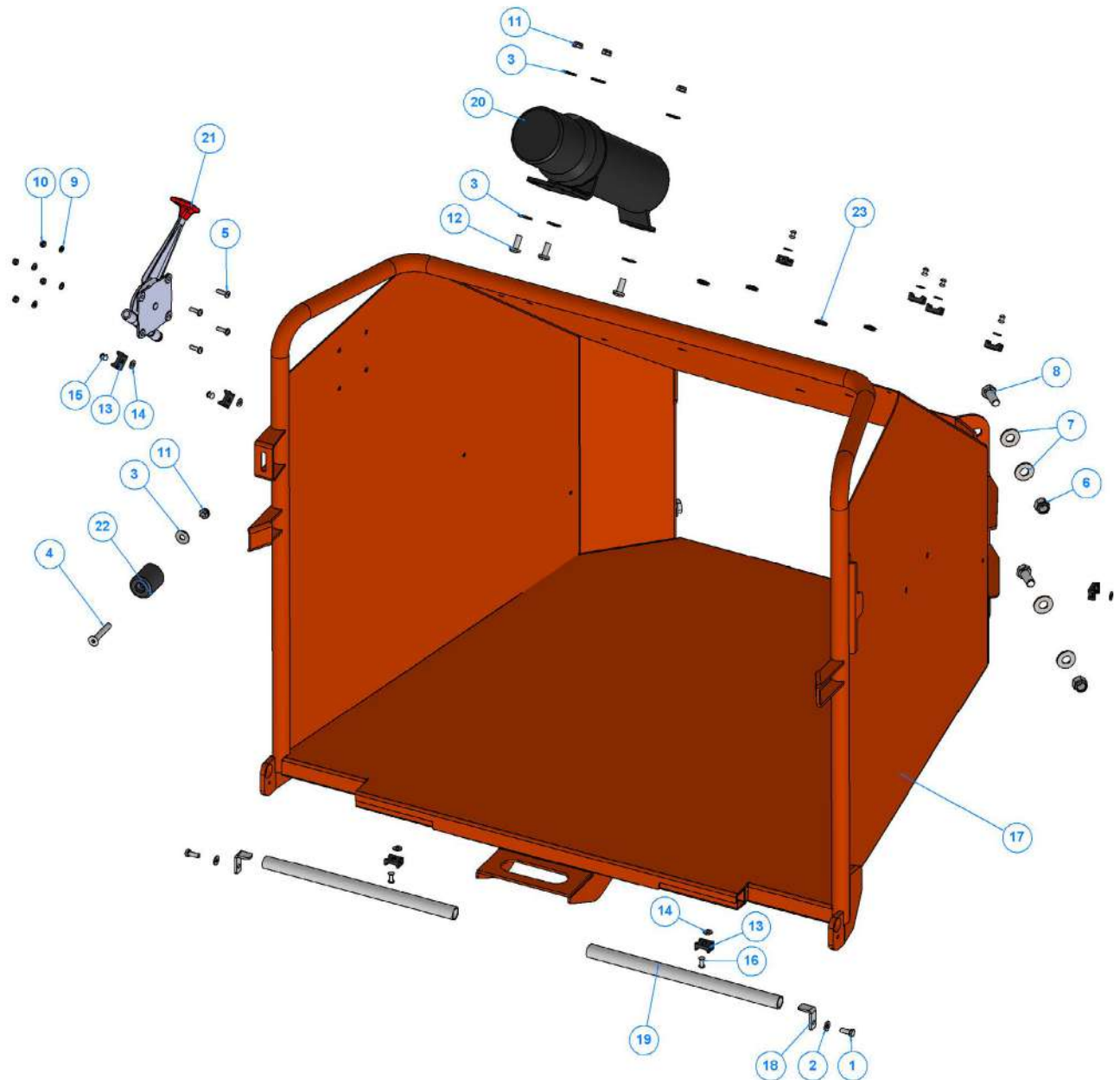


TW 230HB Petrol ☒TW 230HB Diesel ☒TW 230VTR Petrol ☒TW 230VTR Diesel ☒

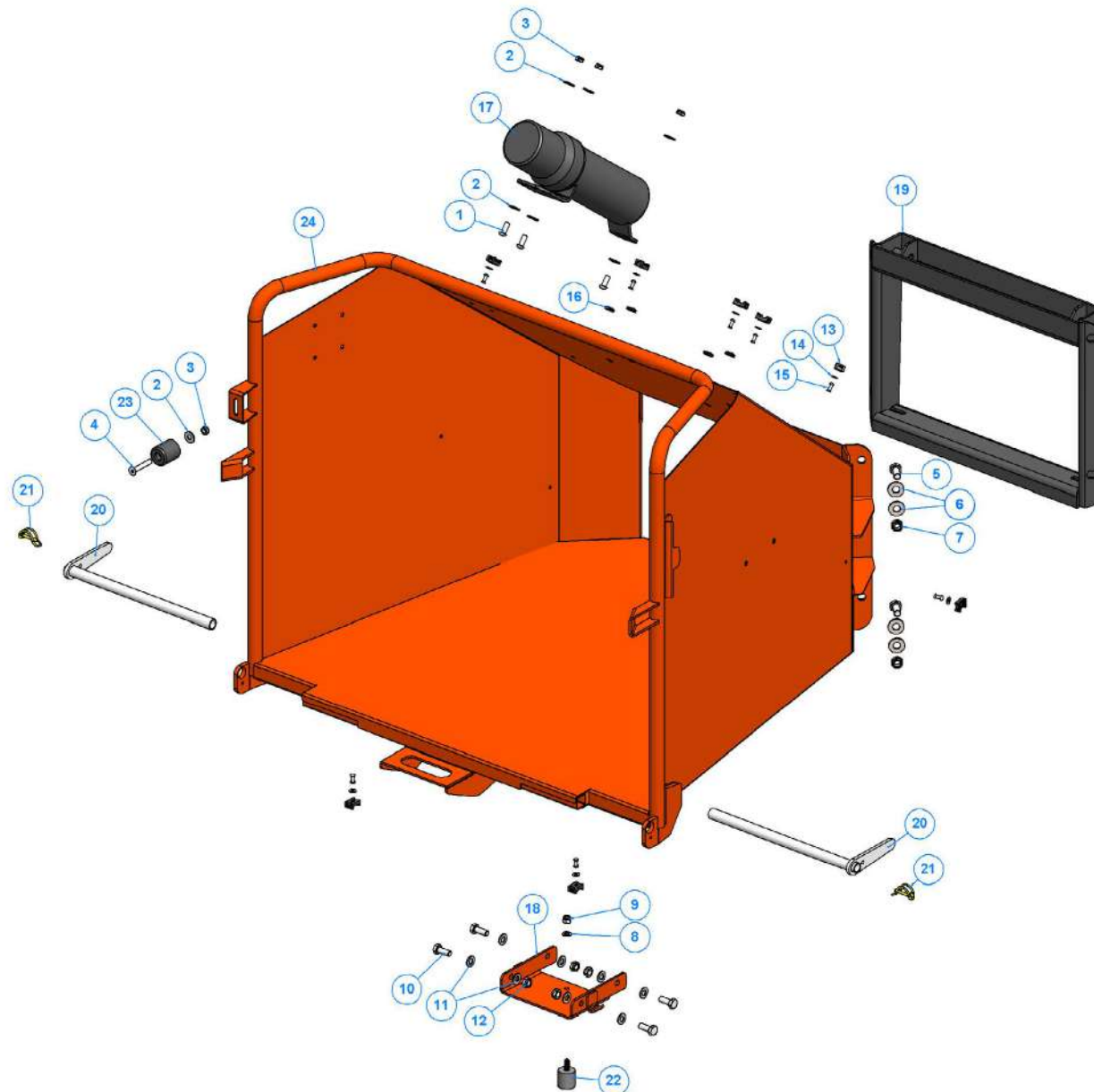
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0123	M6 STD C WASHER Z/P 8.8	10
2	C002-0405	M6 X 16 HEX SET Z/P 8.8	10
3	C031-0121	M6 TYPE T NYLOC NUT Z/P	8
4	C002-0811	M12 X 35 HEX SET Z/P 8.8	2
5	C021-0127	M12 STD C WASHER Z/P 8.8	4
6	C031-0125	M12 TYPE T NYLOC NUT Z/P	2
7	C002-0713	M10 X 45 HEX SET Z/P 8.8	2
8	C021-0125	M8 STD C WASHER Z/P 8.8	1
9	C031-0163	M8 TYPE P NYLOC NUT Z/P	1
10	C013-0210	M4 X 35 POZI PAN Z/P 4.8	2
11	C031-0124	M10 TYPE T NYLOC NUT Z/P	2
12	C013-0401	M6 X 8 POZI PAN Z/P 4.8	8
13	C021-0102	M5 STD A WASHER Z/P 8.8	2
14	C045-0105	4.8 X 18 ALU/STEEL RIVET	2
15	C045-0105.	4.8 X 12 ALU/STEEL CSK RIVET	6
16	C021-0122	M5 STD C WASHER Z/P 8.8	6
17	WA4344	M10 X 30 WASHER	2
18	TW230 PAHB CONTROL BOX ASSY	TW230 PAHB CONTROL BOX ASSEMBLY	2
19	1570FR	CONTROL BAR ASSEMBLY	1
20	EL1348	SWITCH LIMIT (METAL PLUNGER)	1
21	2727F	BRACKET ACTUATOR CONTROL BAR ASSY	1
22	C138-0116	TW230 FRENCH FEED TRAY ASSY	1
23	1337_	RUBBER CAP	2
24	1591	SPACER 10X15X20	2
25	1599	BEARING WASHER	2
26	1600	SAFETY PISTON	2
27	1603	SPRING DIE (STOP BAR)	2
28	1605M	STAINLESS SPACER	2
29	2986	SPRING BOLT	2
30	CO178	BUFFER RUBBER	1
31	18923	REFLECTOR AMBER ROUND SIDE	2
32	2493	RUBBER CAP	2
33	C078-0131	TIE MOUNT	6

TW 230HB Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☐

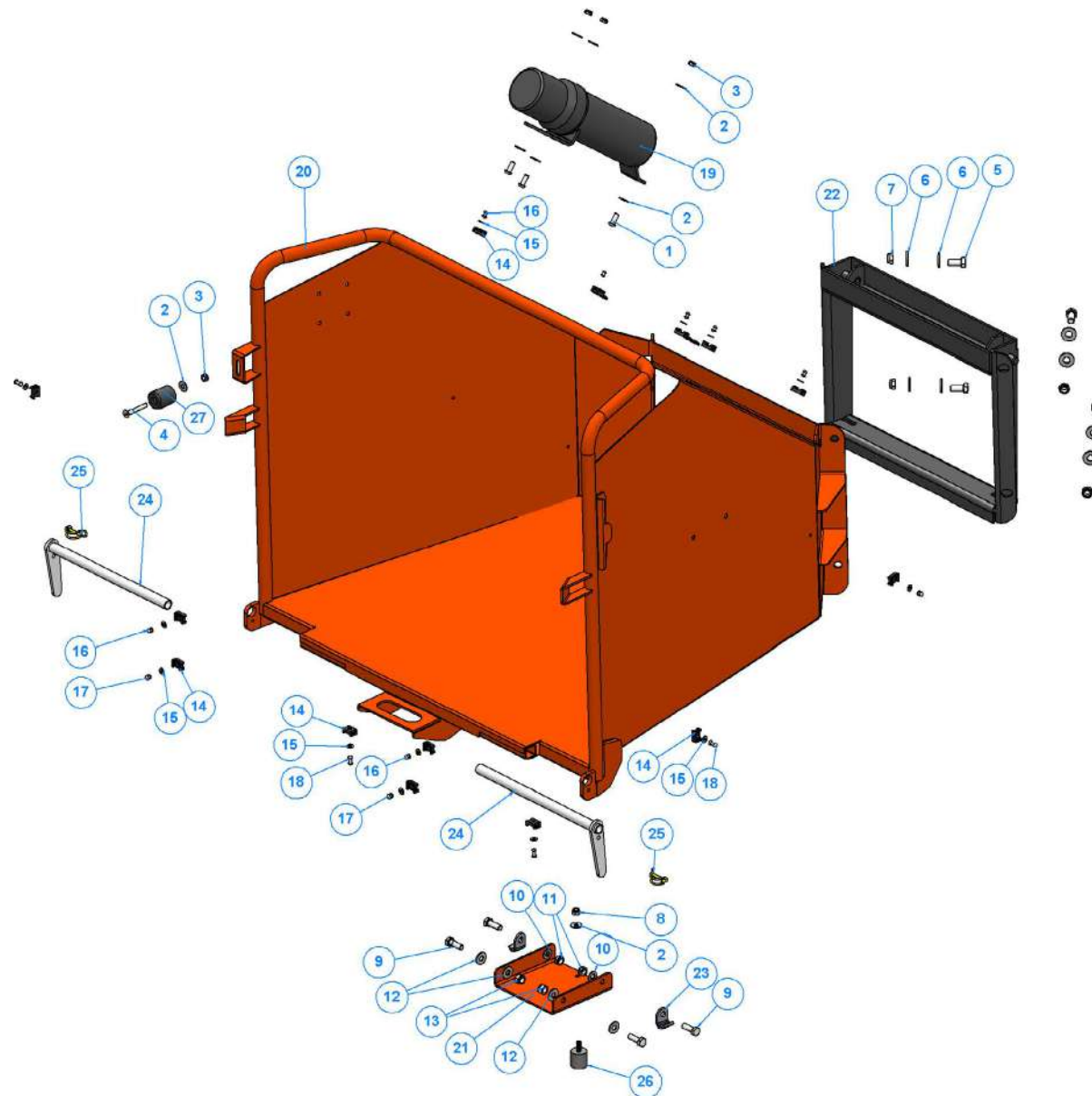
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0406	M6 X 16 HEX SET Z/P 8.8	2
2	C021-0123	M6 STD C WASHER Z/P 8.8	2
3	C011-0607	M8 X 20 SKT BUTTON SET Z/P 10.9	3
4	C021-0125	M8 STD C WASHER Z/P 8.8	7
5	C031-0123	M8 TYPE T NYLOC NUT Z/P	4
6	C015-0614	M8 X 50 SKT CSK SET Z/P 10.9	1
7	C031-0165	M12 TYPE P NYLOC NUT Z/P	4
8	C021-0127	M12 STD C WASHER Z/P 8.8	8
9	C002-0810	M12 X 30 HEX SET Z/P 8.8	4
10	C138-0113	TW230 FUNNEL STEELWORK ASSY	1
11	P0000144	OPERATOR's MANUAL CANISTER	1
12	2922F	HINGE PIN	2
13	4206	NYLON BUSH	1
14	4018F	HINGE PIN SECURING BRACKET	2
15	C154-0109	TW230HBP THROTTLE SYSTEM	1
16	C013-0305	M5 X 16 POZI PAN Z/P 4.8	4
17	C031-0120	M5 TYPE T NYLOC NUT Z/P	4
18	C021-0102	M5 STD A WASHER Z/P 8.8	4
19	C045-0105	4.8 X 12 ALU/STEEL CSK RIVET	10
20	C021-0122	M5 STD C WASHER Z/P 8.8	10
21	C078-0131	TIE MOUNT	10
22	C010-0810	M12 X 30 BUTTON HEAD SCREW - ZP - M12X30 GRADE 8.8	4
23	C021-0107	M12 STD A WASHER Z/P 8.8	8
24	C031-0165	M12 TYPE P NYLOC NUT Z/P	4
25	C021-0127	M12 STD C WASHER Z/P 8.8	2
26	C031-0125	M12 TYPE T NYLOC NUT Z/P	2
27	C131-0198	SPARE WHEEL BRACKET	1
28	P00002292	WHEEL 13 INCH TYRE 175	1
29	C051-0111	BLANKING GROMMET 12.5mm HOLE	4

TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

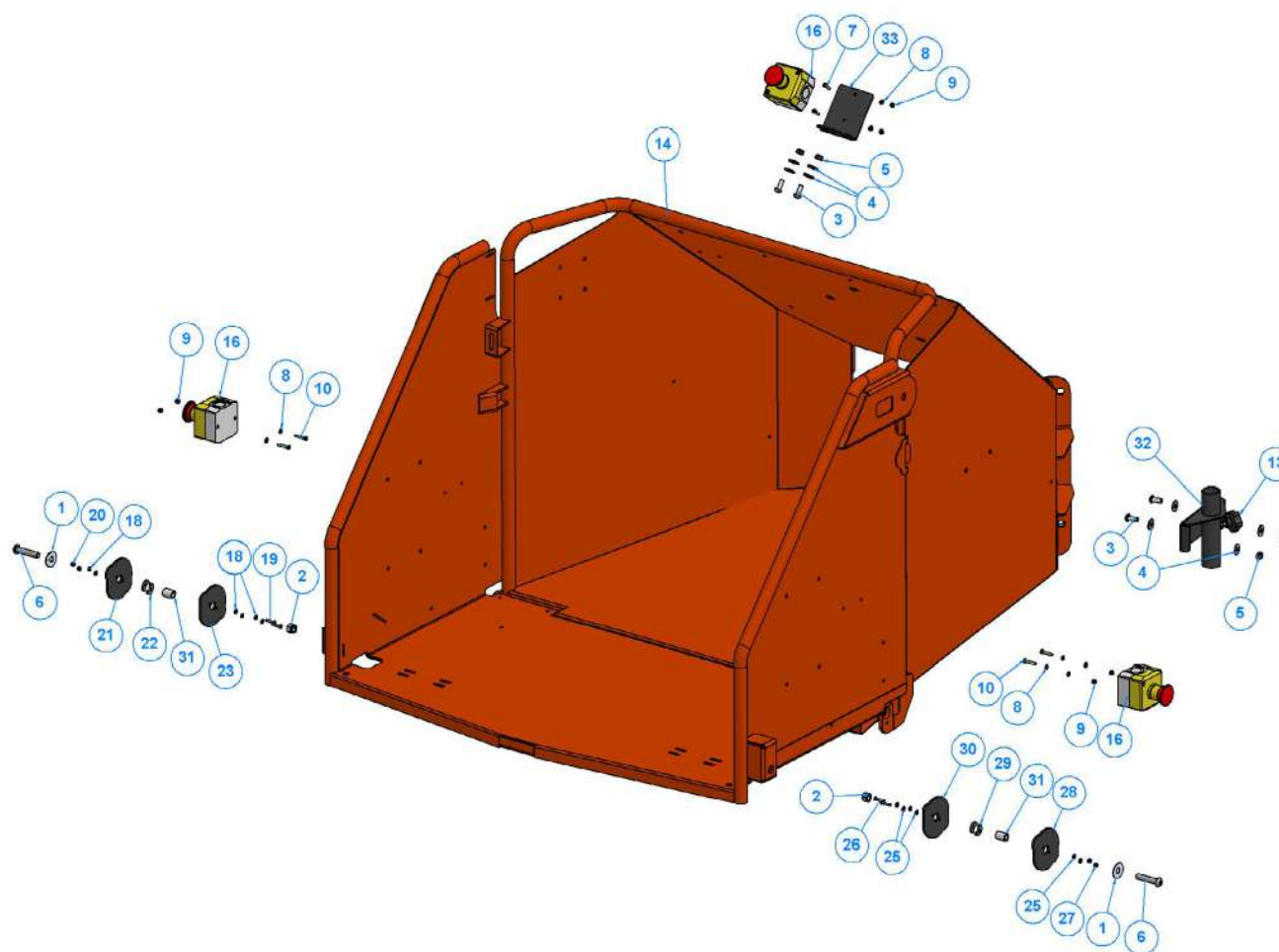
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0405	M6 X 16 HEX SET Z/P 8.8	2
2	C021-0123	M6 STD C WASHER Z/P 8.8	2
3	C021-0125	M8 STD C WASHER Z/P 8.8	7
4	C015-0614	M8 X 50 SKT CSK SET Z/P 10.9	1
5	C013-0305	M5 X 16 POZI PAN Z/P 4.8	4
6	C031-0165	M12 TYPE P NYLOC NUT Z/P	4
7	C021-0127	M12 STD C WASHER Z/P 8.8	8
8	C002-0810	M12 X 30 HEX SET Z/P 8.8	4
9	C021-0102	M5 STD A WASHER Z/P 8.8	4
10	C031-0120	M5 TYPE T NYLOC NUT Z/P	4
11	C031-0123	M8 TYPE T NYLOC NUT Z/P	4
12	C013-0607	M8 X 20 POZI PAN Z/P 4.8	3
13	C078-0131	TIE MOUNT	9
14	C021-0122	M5 STD C WASHER Z/P 8.8	9
15	C045-0105	4.8 X 12 ALU/STEEL RIVET	7
16	C045-0104.	4.8 X 16 ALU/STEEL CSK RIVET	2
17	C138-0113	TW230 FUNNEL STEELWORK ASSY	1
18	4018F	HINGE PIN SECURING BRACKET	2
19	2922F	HINGE PIN	2
20	P0000144	OPERATOR'S MANUAL CANISTER	1
21	P0000638	THROTTLE	1
22	4206	NYLON BUSH	1
23	C051-0111	BLANKING GROMMET 12.5mm HOLE	4

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

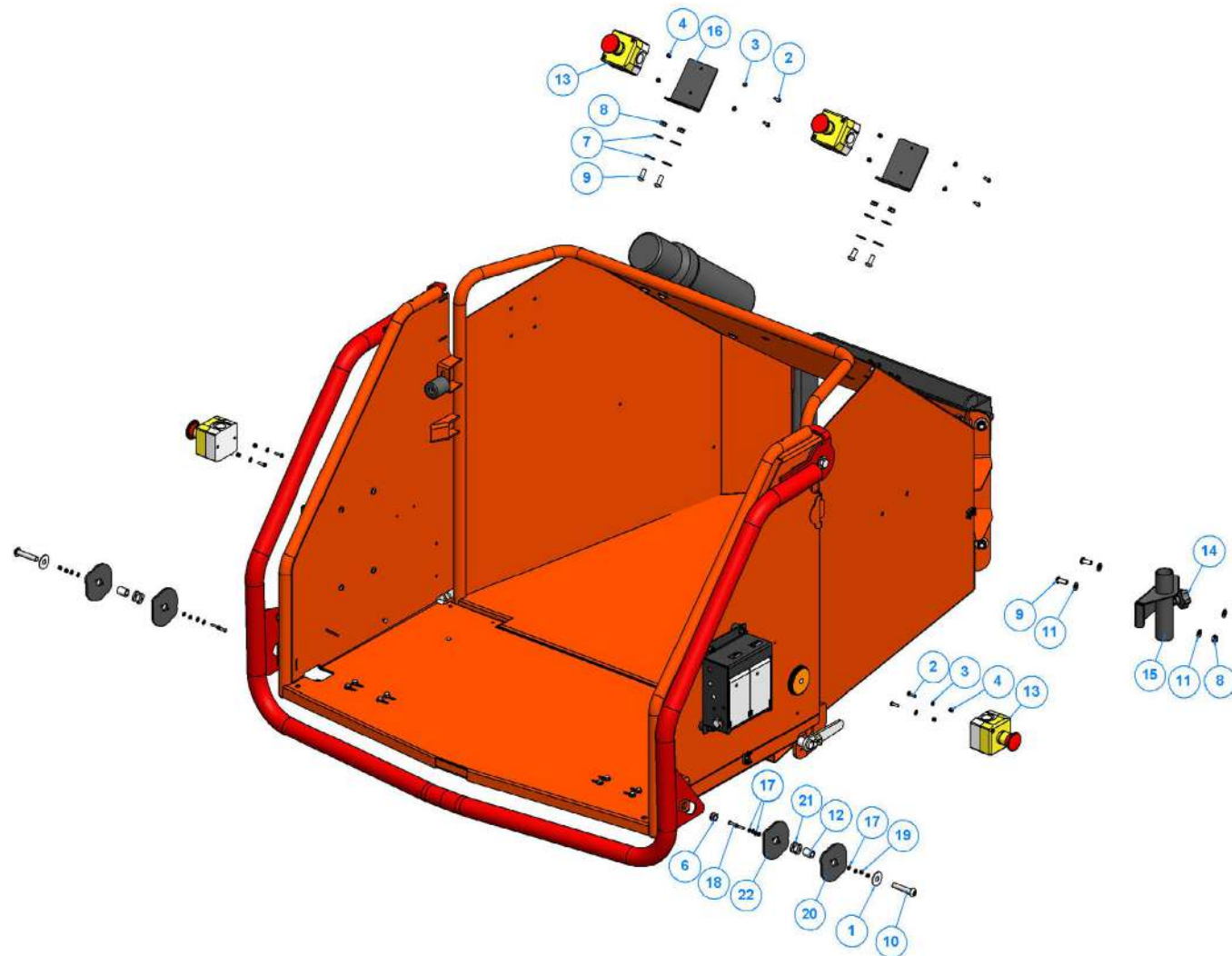
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C011-0607	M8 X 20 SKT BUTTON SET Z/P 10.9	3
2	C021-0125	M8 STD C WASHER Z/P 8.8	7
3	C031-0123	M8 TYPE T NYLOC NUT Z/P	4
4	C015-0614	M8 X 50 SKT CSK SET Z/P 10.9	1
5	C002-0809	M12 X 25 HEX SET Z/P 8.8	4
6	C021-0127	M12 STD C WASHER Z/P 8.8	8
7	C031-0125	M12 TYPE T NYLOC NUT Z/P	4
8	C021-0105	M8 STD A WASHER Z/P 8.8	1
9	C031-0163	M8 TYPE P NYLOC NUT Z/P	1
10	C002-0709	M10 X 25 HEX SET Z/P 8.8	4
11	C021-0106	M10 STD A WASHER Z/P 8.8	8
12	C031-0124	M10 TYPE T NYLOC NUT Z/P	4
13	C076-0131	TIE MOUNT	8
14	C021-0122	M5 STD C WASHER Z/P 8.8	8
15	C045-0104	4.8 X 16 ALU/STEEL CSK RIVET	8
16	C051-0111	BLANKING GROMMET 12.5mm HOLE	4
17	P0000144	OPERATOR'S MANUAL CANISTER	1
18	C131-0484	TW230VTRP PLATE FUNNEL SUPPORT ASSEMBLY	1
19	P0001694F	FUNNEL QUICK RELEASE ADAPTER	1
20	P0001712F	HINGE PIN TRAY	2
21	P0002051	SHAFT LOCK PIN	2
22	CO178	BUFFER RUBBER	1
23	4206	NYLON BUSH	1
24	C138-0113	TW230 FUNNEL STEELWORK ASSY	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C011-0607	M8 X 20 SKT BUTTON SET Z/P 10.9	3
2	C021-0125	M8 STD C WASHER Z/P 8.8	8
3	C031-0123	M8 TYPE T NYLOC NUT Z/P	4
4	C015-0614	M8 X 50 SKT CSK SET Z/P 10.9	1
5	C002-0809	M12 X 25 HEX SET Z/P 8.8	4
6	C021-0127	M12 STD C WASHER Z/P 8.8	8
7	C031-0125	M12 TYPE T NYLOC NUT Z/P	4
8	C031-0163	M8 TYPE P NYLOC NUT Z/P	1
9	C002-0710	M10 X 30 HEX SET Z/P 8.8	4
10	C021-0106	M10 STD A WASHER Z/P 8.8	2
11	C031-0124	M10 TYPE T NYLOC NUT Z/P	2
12	C021-0126	M10 STD C WASHER Z/P	4
13	C031-0164	M10 TYPE P NYLOC NUT Z/P	2
14	C078-0131	TIE MOUNT	14
15	C021-0122	M5 STD C WASHER Z/P 8.8	14
16	C045-0105	4.8 X 12 ALU/STEEL RIVET	8
17	C045-0105	4.8 X 16 ALU/STEEL CSK RIVET	2
18	C045-0104.	4.8 X 18 ALU/STEEL CSK RIVET	4
19	P0000144	OPERATOR's MANUAL CANISTER	1
20	C138-0113	TW230 FUNNEL STEELWORK ASSY	1
21	P0001677F	BRACKET FUNNEL SUPPORT FUNNEL	1
22	P0001694F	FUNNEL QUICK RELEASE ADAPTER	1
23	P0001705F	BRACKET FUNNEL CATCH	2
24	P0001712F	HINGE PIN TRAY	2
25	P0002051	SHAFT LOCK PIN	2
26	CO178	BUFFER RUBBER	1
27	4206	NYLON BUSH	1
28	C051-0111	BLANKING GROMMET 12.5mm HOLE	4

TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☒

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	WA4344	M10 X 30 WASHER	2
2	C031-0164	M10 TYPE P NYLOC NUT Z/P	2
3	C011-0607	M8 X 20 SKT BUTTON SET Z/P 10.9	4
4	C021-0125	M8 STD C WASHER Z/P 8.8	8
5	C031-0123	M8 TYPE T NYLOC NUT Z/P	4
6	C086-0714	M10 X 50 BUTTON HEAD PIN HEXAGON MACHINE SCREW	2
7	C013-0205	M4 X 16 POZI PAN Z/P 4.8	2
8	C021-0101	M4 STD A WASHER Z/P 8.8	7
9	C035-0102	M4 TYPE P NYLOC NUT Z/P	6
10	C013-0208	M4 X 25 POZI PAN Z/P 4.8	4
11	C021-0126	M10 STD C WASHER Z/P	1
12	C021-0122	M5 STD C WASHER Z/P 8.8	2
13	C053-0100	M8 X 16 BLACK KNOB	1
14	C138-0113	TW230 FUNNEL STEELWORK ASSY	1
15	C138-0116	TW230 FRENCH FEED TRAY ASSY	1
16	C162-0100	ESD - SCHNEIDER XALK178F 2NC, 1NO	3
17	C200-0110	SAFETY BAR ACTIVATION SLOT KIT	1
18	C021-0101	M4 STD A WASHER Z/P 8.8	6
19	C086-0207	M4 X 30 BUTTON HEAD PIN HEXAGON MACHINE SCREW	2
20	C035-0101	M4 TYPE T NYLOC NUT Z/P	2
21	C200-0107	SAFETY BAR ACTIVATION SLOT GUARD OS	1
22	C200-0109	SAFETY BAR ACTIVATION SLOT SPACER	2
23	C200-0108	SAFETY BAR ACTIVATION SLOT GUARD IS	1
24	C200-0110	SAFETY BAR ACTIVATION SLOT KIT	1
25	C021-0101	M4 STD A WASHER Z/P 8.8	6
26	C086-0207	M4 X 30 BUTTON HEAD PIN HEXAGON MACHINE SCREW	2
27	C035-0101	M4 TYPE T NYLOC NUT Z/P	2
28	C200-0107	SAFETY BAR ACTIVATION SLOT GUARD OS	1
29	C200-0109	SAFETY BAR ACTIVATION SLOT SPACER	2
30	C200-0108	SAFETY BAR ACTIVATION SLOT GUARD IS	1
31	1591	SPACER 10X15X20	2
32	P0003647F	INFEED AID TOOL ASSY	1
33	P0003651F	EMERGENCY STOP BRACKET	1
34	C051-0111	BLANKING GROMMET 12.5mm HOLE	4

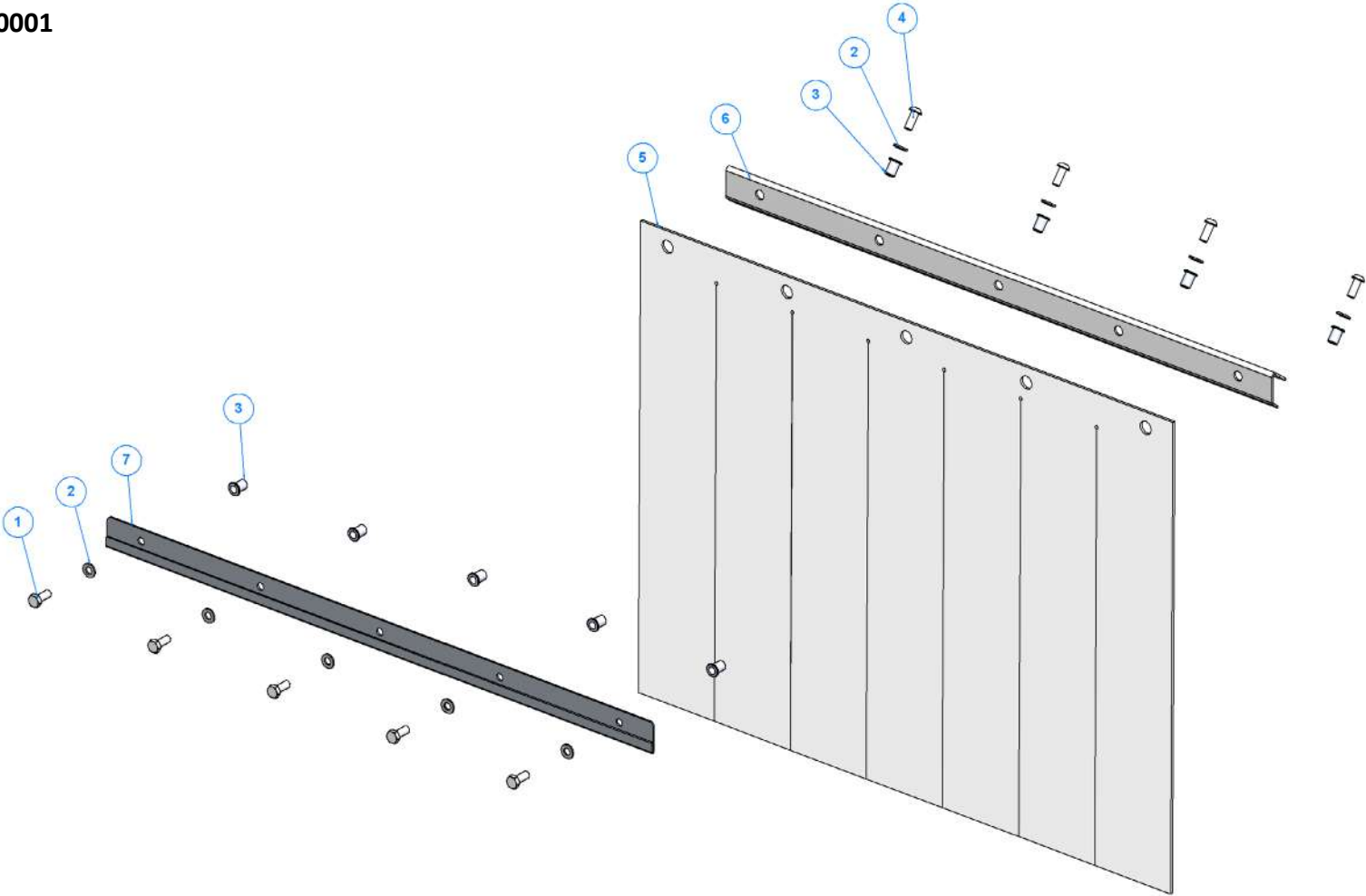
TW 230HB Petrol ☒TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

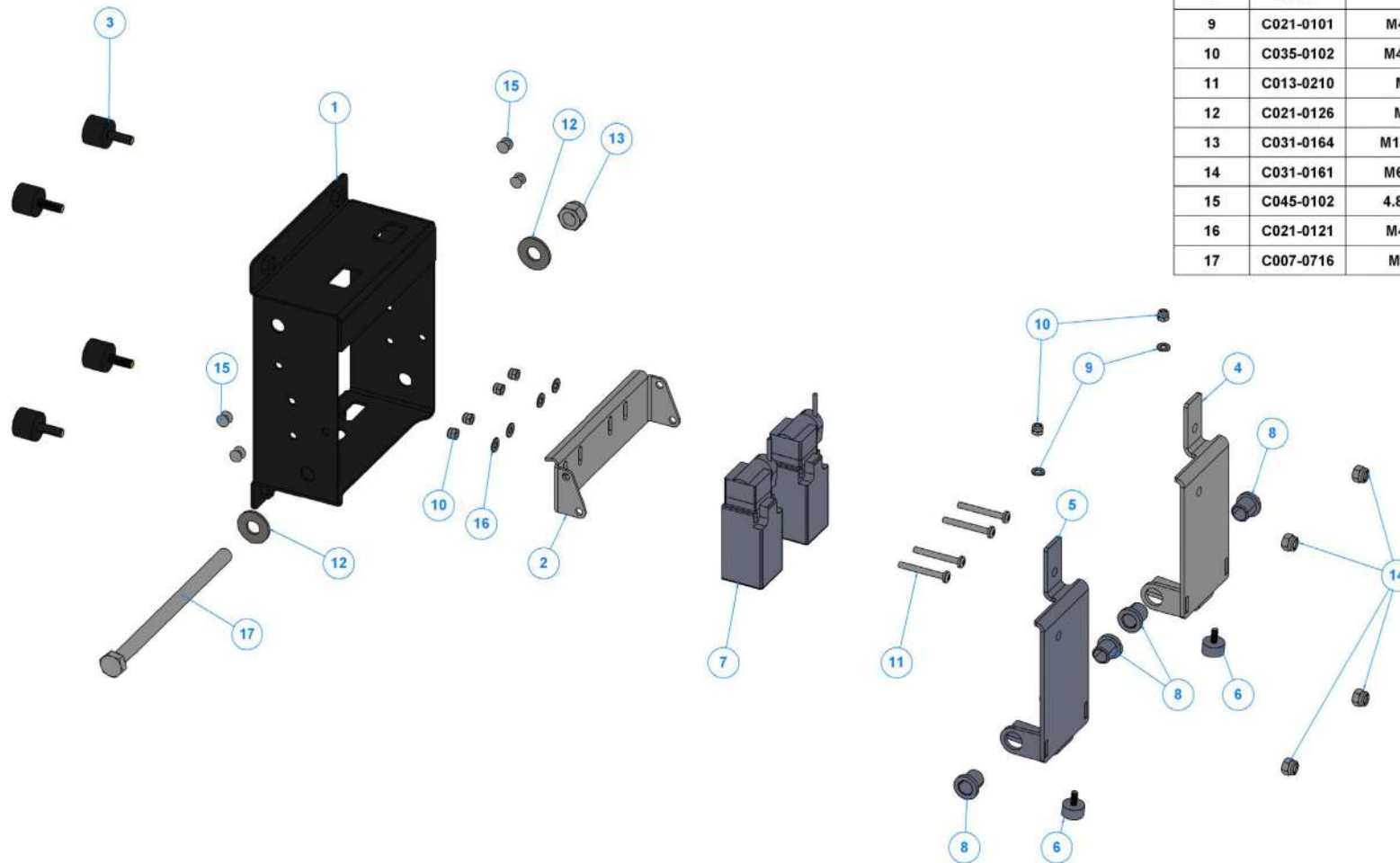
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	WA4344	M10 X 30 WASHER	2
2	C013-0205	M4 X 16 POZI PAN Z/P 4.8	8
3	C021-0101	M4 STD A WASHER Z/P 8.8	8
4	C035-0102	M4 TYPE P NYLOC NUT Z/P	8
5	C013-0210	M4 X 35 POZI PAN Z/P 4.8	8
6	C031-0124	M10 TYPE T NYLOC NUT Z/P	1
7	C021-0125	M8 STD C WASHER Z/P 8.8	8
8	C031-0123	M8 TYPE T NYLOC NUT Z/P	6
9	C011-0607	M8 X 20 SKT BUTTON SET Z/P 10.9	6
10	C086-0714	M10 X 50 BUTTON HEAD PIN HEXAGON MACHINE SCREW	2
11	C021-0105	M8 STD A WASHER Z/P 8.8	4
12	1591	SPACER 10X15X20	2
13	C162-0100	ESD - SCHNEIDER XALK178F 2NC, 1NO	4
14	C053-0100	M8 X 16 BLACK KNOB	1
15	P0003647F	INFEED AID TOOL ASSY	1
16	P0003651F	EMERGENCY STOP BRACKET	2
17	C021-0101	M4 STD A WASHER Z/P 8.8	6
18	C086-0207	M4 X 30 BUTTON HEAD PIN HEXAGON MACHINE SCREW	2
19	C035-0101	M4 TYPE T NYLOC NUT Z/P	2
20	C200-0107	SAFETY BAR ACTIVATION SLOT GUARD OS	1
21	C200-0109	SAFETY BAR ACTIVATION SLOT SPACER	2
22	C200-0108	SAFETY BAR ACTIVATION SLOT GUARD IS	1



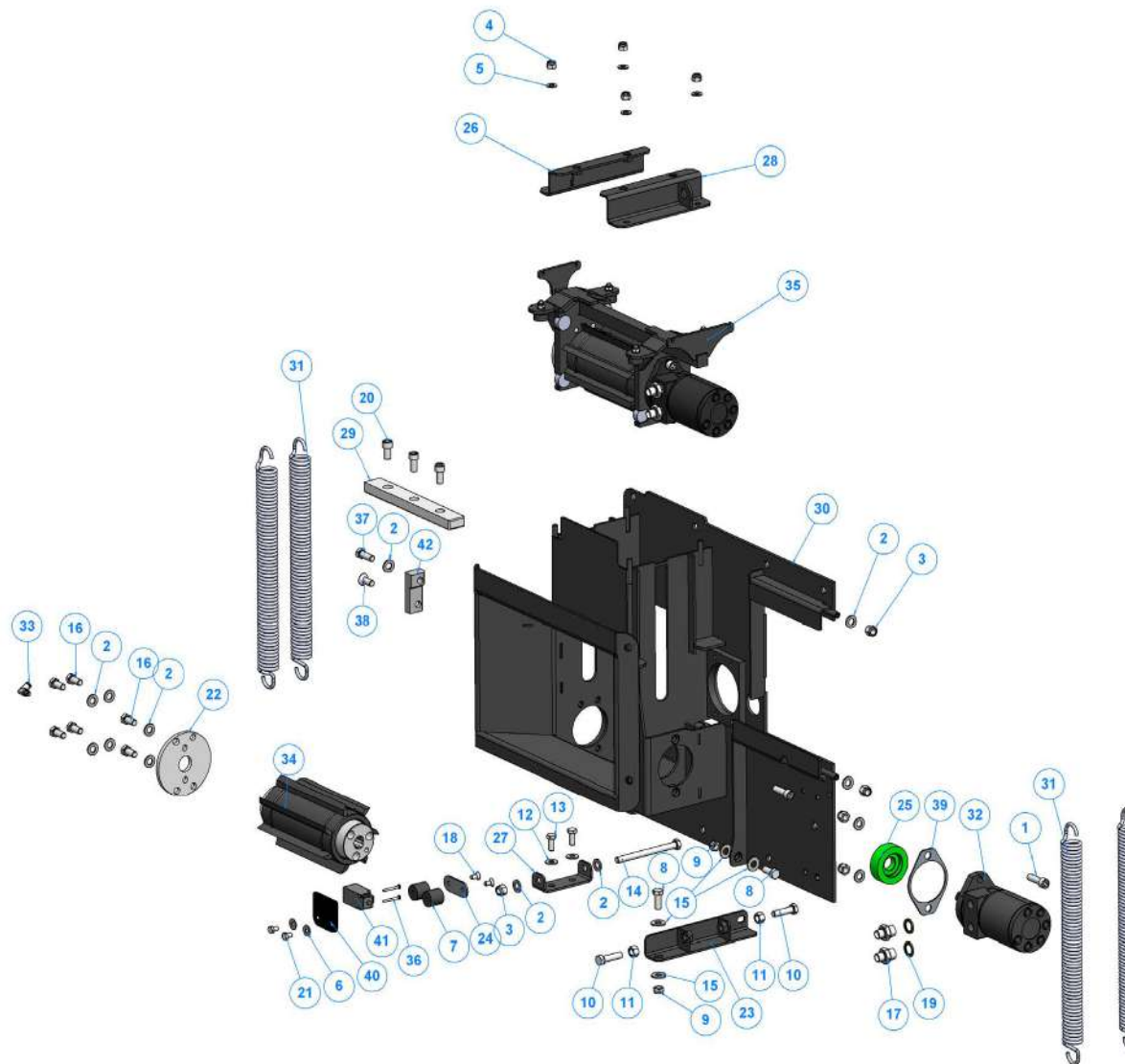
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0607	M8 X 20 HEX SET Z/P 8.8	5
2	C021-0105	M8 STD A WASHER Z/P 8.8	9
3	C035-0121	M8X17 RIVET NUT	9
4	C011-0607	M8 X 20 SKT BUTTON SET Z/P 10.9	4
5	C138-0165	SAFETY CURTAIN STRIP	1
6	C138-0164	SAFETY CURTAIN RAIL TW230	1
7	C138-0166	SAFETY CURTAIN CLAMP	1

KIT NO: S012-0001

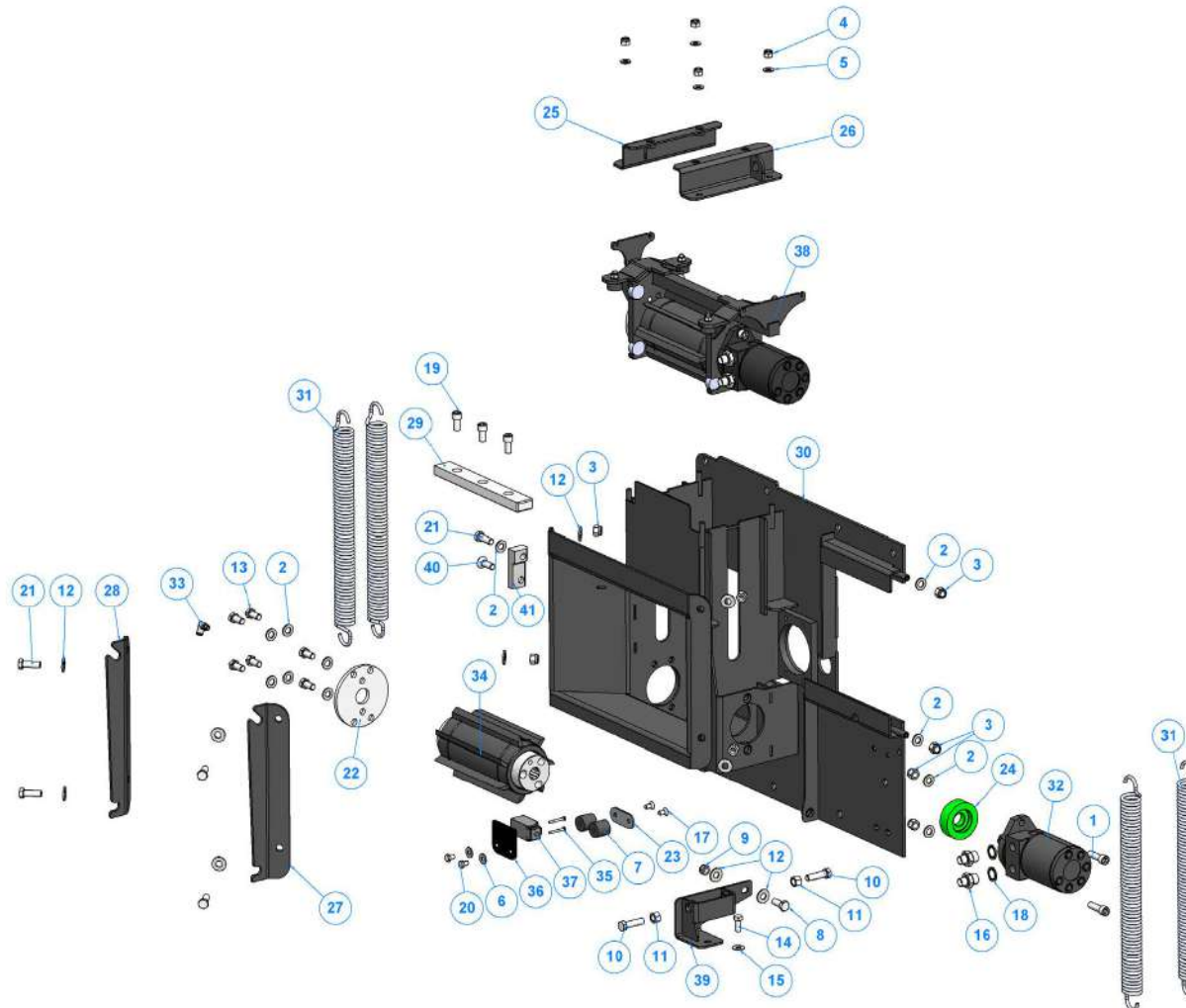


TW 230HB Petrol ☒TW 230HB Diesel ☒TW 230VTR Petrol ☒TW 230VTR Diesel ☒

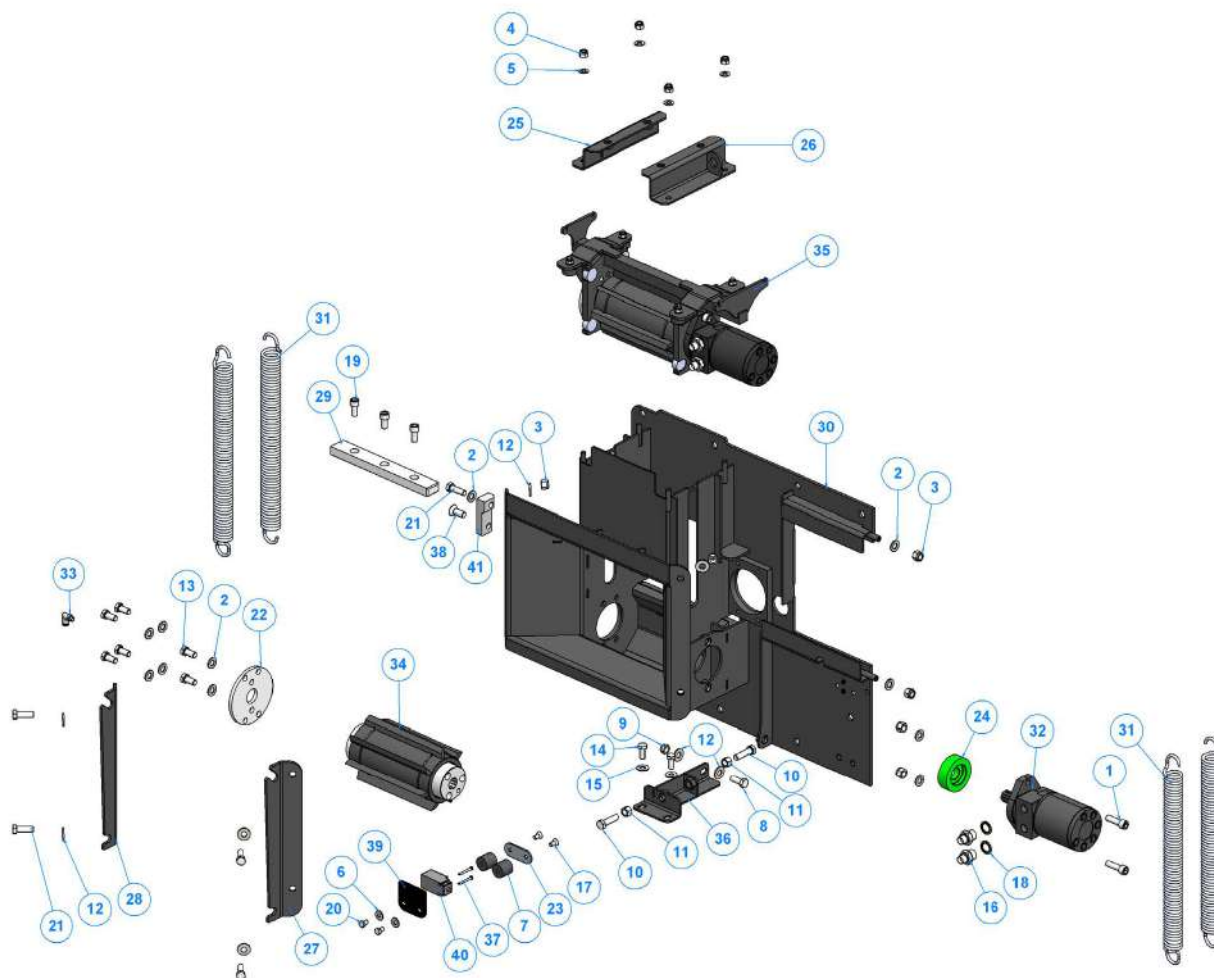
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	17802F	Control Box Cover	1
2	17805F	Switch Mounting Plate Control Box	1
3	18000	AV Mount M6 MF 20 14.5	4
4	17803F	Finger Plate	1
5	17803F	Finger Plate	1
6	2834	Av Mount VE Type	2
7	17927	Limit Switch	2
8	2804	Bush M10 Top Hat	4
9	C021-0101	M4 STD A WASHER Z/P 8.8	2
10	C035-0102	M4 TYPE P NYLOC NUT Z/P	6
11	C013-0210	M4 x 35 Pozi Pan Z/P 4.8	4
12	C021-0126	M10 STD C WASHER Z/P	2
13	C031-0164	M10 TYPE P NYLOC NUT Z/P	1
14	C031-0161	M6 TYPE P NYLOC NUT Z/P	4
15	C045-0102	4.8 x 12 Alu/Steel CSK Rivet	4
16	C021-0121	M4 STD C WASHER Z/P 8.8	4
17	C007-0716	M10 x 160 Hex Bolt Z/P 8.8	1

TW 230HB Petrol ☒TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

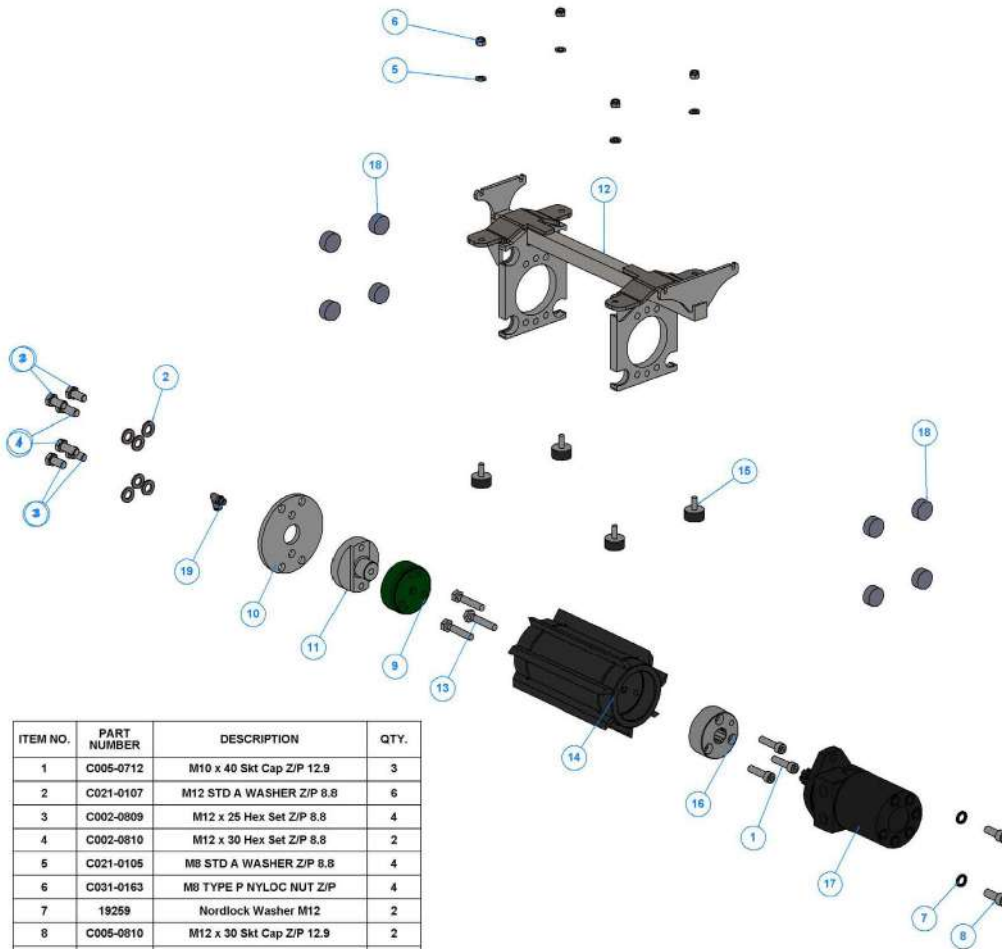
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C005-0812	M12 X 40 SKT CAP Z/P 12.9	2
2	C021-0107	M12 STD A WASHER Z/P 8.8	13
3	C031-0165	M12 TYPE P NYLOC NUT Z/P	5
4	C031-0164	M10 TYPE P NYLOC NUT Z/P	4
5	C021-0106	M10 STD A WASHER Z/P 8.8	4
6	C021-0125	M8 STD C WASHER Z/P 8.8	2
7	P0001375	AV MOUNT M8 FF 30X30 60 (3030DD08-60)	2
8	C002-0810	M12 X 30 HEX SET Z/P 8.8	2
9	C031-0125	M12 TYPE T NYLOC NUT Z/P	2
10	C002-0813	M12 X 45 HEX SET Z/P 8.8	2
11	C030-0125	M12 HEX NUT Z/P 10	2
12	C021-0126	M10 STD C WASHER Z/P	2
13	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
14	C002-0826	M12 X 140 HEX SET Z/P 8.8	1
15	C021-0127	M12 STD C WASHER Z/P 8.8	4
16	C002-0809	M12 X 25 HEX SET Z/P 8.8	6
17	HY026	ADAPTER 3/8 - 1/2	2
18	C015-0605	M8 X 16 SKT CSK SET Z/P 10.9	2
19	HY398	WASHER DOWTY 1/2"	2
20	C004-0809	M12 X 25 SKT CAP SET S/C 12.9	3
21	C002-0603	M8 X 12 HEX SET Z/P 8.8	2
22	P0000668	MOUNTING PLATE STUB SHAFT	1
23	P0000868F	BRACKET SPRING CARRIER ROLLER	1
24	P0000993	PROFILE ROLLER BOX HATCH SWITCH MOUNT	1
25	P0001042M	SPACER ROLLER DRIVE	1
26	P0001082F	BRACKET ROLLER BOX GUARD MOUNT ASSY	1
27	P0001083F	BRACKET SPRING CARRIER ROLLER	1
28	P0001322F	BRACKET ROLLER BOX GUARD MOUNT	1
29	P0002808M	HARDOX ANVIL	1
30	C140-0202	ROLLERBOX TW230 ASSEMBLY	1
31	19052	SPRING Ø40	4
32	2982B	TE 0260cc (15.9cu in/ rev)	1
33	18474	FITTING GREASE POINT RIGHT ANGLE	1
34	S006-0009	TW230 HBD ROLLER BOTTOM SUB ASSY	1
35	S006-0010	TW230 HBD TOP SLIDE ASSEMBLY	1
36	C013-0210	M4 X 35 POZI PAN Z/P 4.8	2
37	C002-0811	M12 X 35 HEX SET Z/P 8.8	1
38	C015-0810	M12 X 30 SKT CSK SET Z/P 10.9	1
39	C140-0101	3mm ROLLERBOX SHIM	1
40	P0001080F	BRACKET ACCESS HATCH SWITCH	1
41	EL1348	SWITCH LIMIT (METAL PLUNGER)	1
42	C140-0201	ROLLERBOX JOINER	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☒TW 230VTR Diesel ☐

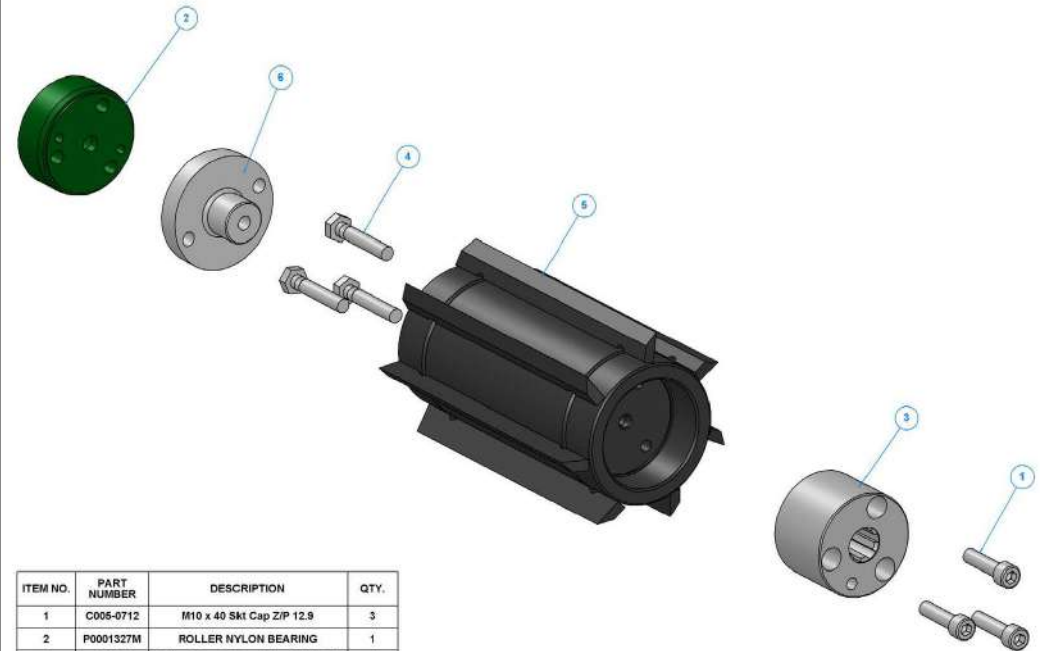
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C005-0812	M12 X 40 SKT CAP Z/P 12.9	2
2	C021-0107	M12 STD A WASHER Z/P 8.8	11
3	C031-0165	M12 TYPE P NYLOC NUT Z/P	8
4	C031-0164	M10 TYPE P NYLOC NUT Z/P	4
5	C021-0106	M10 STD A WASHER Z/P 8.8	4
6	C021-0125	M8 STD C WASHER Z/P 8.8	2
7	P0001375	AV MOUNT M8 FF 30X30 60 (3030DD08-60)	2
8	C002-0810	M12 X 30 HEX SET Z/P 8.8	1
9	C031-0125	M12 TYPE T NYLOC NUT Z/P	1
10	C002-0813	M12 X 45 HEX SET Z/P 8.8	2
11	C030-0125	M12 HEX NUT Z/P 10	2
12	C021-0127	M12 STD C WASHER Z/P 8.8	10
13	C002-0809	M12 X 25 HEX SET Z/P 8.8	6
14	C002-0709	M10 X 25 HEX SET Z/P 8.8	1
15	C021-0126	M10 STD C WASHER Z/P	1
16	HY026	ADAPTER 3/8 - 1/2	4
17	C015-0605	M8 X 16 SKT CSK SET Z/P 10.9	2
18	HY398	WASHER DOWTY 1/2"	4
19	C004-0809	M12 X 25 SKT CAP SET S/C 12.9	3
20	C002-0603	M8 X 12 HEX SET Z/P 8.8	2
21	C002-0811	M12 X 35 HEX SET Z/P 8.8	5
22	P0000668	MOUNTING PLATE STUB SHAFT	1
23	P0000993	PROFILE ROLLER BOX HATCH SWITCH MOUNT	1
24	P0001042M	SPACER ROLLER DRIVE	1
25	P0001082F	BRACKET ROLLER BOX GUARD MOUNT ASSY	1
26	P0001322F	BRACKET ROLLER BOX GUARD MOUNT	1
27	P0001703F	FUNNEL QUICK RELEASE ANGLE OS	1
28	P0001704F	FUNNEL QUICK RELEASE ANGLE NS	1
29	P0002808M	HARDOX ANVIL	1
30	C140-0202	ROLLERBOX TW230 ASSEMBLY	1
31	19052	SPRING Ø40	4
32	2982B	TE 0260cc (15.9cu in/ rev)	1
33	18474	FITTING GREASE POINT RIGHT ANGLE	1
34	TW230 VTRD ROLLER BOTTOM SUB ASSY	TW230 VTRD ROLLER BOTTOM SUB ASSY	1
35	C013-0210	M4 X 35 POZI PAN Z/P 4.8	2
36	P0001080F	BRACKET ACCESS HATCH SWITCH	1
37	EL1348	SWITCH LIMIT (METAL PLUNGER)	1
38	TW230 VTRD TOP SLIDE ASSEMBLY	TW230 VTRD TOP SLIDE ASSEMBLY	1
39	C131-0480	TW230VTRP SPRING HANGER NS ASSEMBLY	1
40	C015-0811	M12 X 35 SKT CSK SET Z/P 10.9	1
41	C140-0201	ROLLERBOX JOINER	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

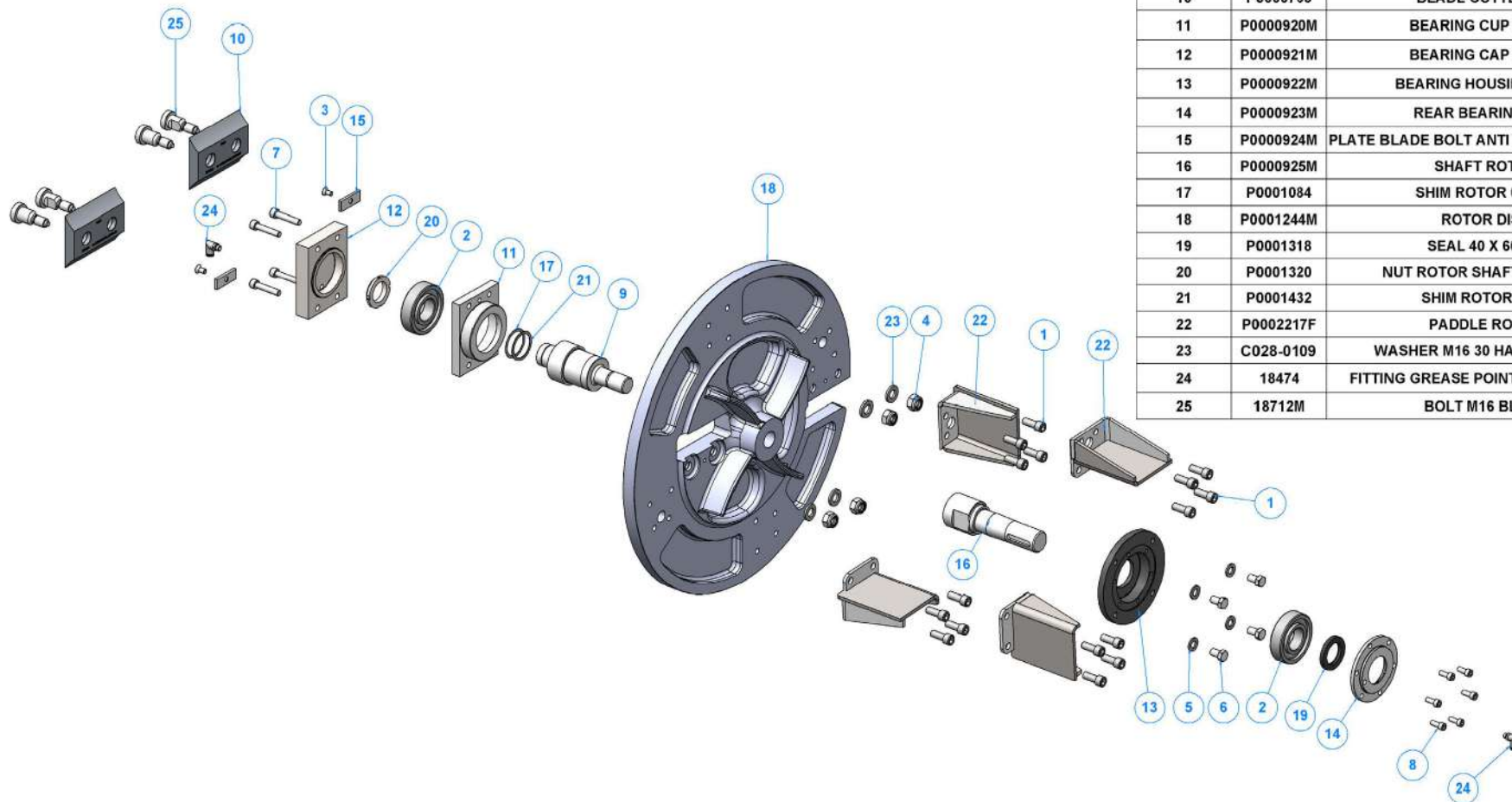
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C005-0812	M12 X 40 SKT CAP Z/P 12.9	2
2	C021-0107	M12 STD A WASHER Z/P 8.8	11
3	C031-0165	M12 TYPE P NYLOC NUT Z/P	8
4	C031-0164	M10 TYPE P NYLOC NUT Z/P	4
5	C021-0106	M10 STD A WASHER Z/P 8.8	4
6	C021-0125	M8 STD C WASHER Z/P 8.8	2
7	P0001375	AV MOUNT M8 FF 30X30 60 (3030DD08-60)	2
8	C002-0810	M12 X 30 HEX SET Z/P 8.8	1
9	C031-0125	M12 TYPE T NYLOC NUT Z/P	1
10	C002-0813	M12 X 45 HEX SET Z/P 8.8	2
11	C030-0125	M12 HEX NUT Z/P 10	2
12	C021-0127	M12 STD C WASHER Z/P 8.8	10
13	C002-0809	M12 X 25 HEX SET Z/P 8.8	6
14	C002-0709	M10 X 25 HEX SET Z/P 8.8	2
15	C021-0126	M10 STD C WASHER Z/P	2
16	HY026	ADAPTER 3/8 - 1/2	4
17	C015-0605	M8 X 16 SKT CSK SET Z/P 10.9	2
18	HY398	WASHER DOWTY 1/2"	4
19	C004-0809	M12 X 25 SKT CAP SET S/C 12.9	3
20	C002-0603	M8 X 12 HEX SET Z/P 8.8	2
21	C002-0811	M12 X 35 HEX SET Z/P 8.8	5
22	P0000668	MOUNTING PLATE STUB SHAFT	1
23	P0000993	PROFILE ROLLER BOX HATCH SWITCH MOUNT	1
24	P0001042M	SPACER ROLLER DRIVE	1
25	P0001082F	BRACKET ROLLER BOX GUARD MOUNT ASSY	1
26	P0001322F	BRACKET ROLLER BOX GUARD MOUNT	1
27	P0001703F	FUNNEL QUICK RELEASE ANGLE OS	1
28	P0001704F	FUNNEL QUICK RELEASE ANGLE NS	1
29	P0002808M	HARDOX ANVIL	1
30	C140-0202	ROLLERBOX TW230 ASSEMBLY	1
31	19052	SPRING Ø40	4
32	2982B	TE 0260cc (15.9cu in/ rev)	1
33	18474	FITTING GREASE POINT RIGHT ANGLE	1
34	S006-0009	TW230 HBD ROLLER BOTTOM SUB ASSY	1
35	S006-0010	TW230 HBD TOP SLIDE ASSEMBLY	1
36	C131-0544	SPRING HANGER BRACKET	1
37	C013-0210	M4 X 35 POZI PAN Z/P 4.8	2
38	C015-0810	M12 X 30 SKT CSK SET Z/P 10.9	1
39	P0001080F	BRACKET ACCESS HATCH SWITCH	1
40	EL1348	SWITCH LIMIT (METAL PLUNGER)	1
41	C140-0201	ROLLERBOX JOINER	1



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C005-0712	M10 x 40 Skt Cap Z/P 12.9	3
2	C021-0107	M12 STD A WASHER Z/P 8.8	6
3	C002-0809	M12 x 25 Hex Set Z/P 8.8	4
4	C002-0810	M12 x 30 Hex Set Z/P 8.8	2
5	C021-0106	M8 STD A WASHER Z/P 8.8	4
6	C031-0163	M8 TYPE P NYLOC NUT Z/P	4
7	19259	Nordlock Washer M12	2
8	C005-0810	M12 x 30 Skt Cap Z/P 12.9	2
9	P0001327M	ROLLER NYLON BEARING	1
10	P0000668	Mounting Plate Stub Shaft	1
11	P0000675M	Shaft Roller Stub	1
12	P0000964F	Top Slide Roller Box	1
13	P0001401	Bolt Shear 1.5 55	3
14	P0001502F	Roller Infeed	1
15	P0002613	Male Cylindrical Buffer 3015VE20 70 Shore 30 x 15 - M8 x 20 Stud	4
16	1361M	Bush Spline Top Roller Drive Ø74.9 - 29.5	1
17	2962B	Parker Motor	1
18	3009	Slide Plug	8
19	18474	Fitting Grease Point Right Angle	1

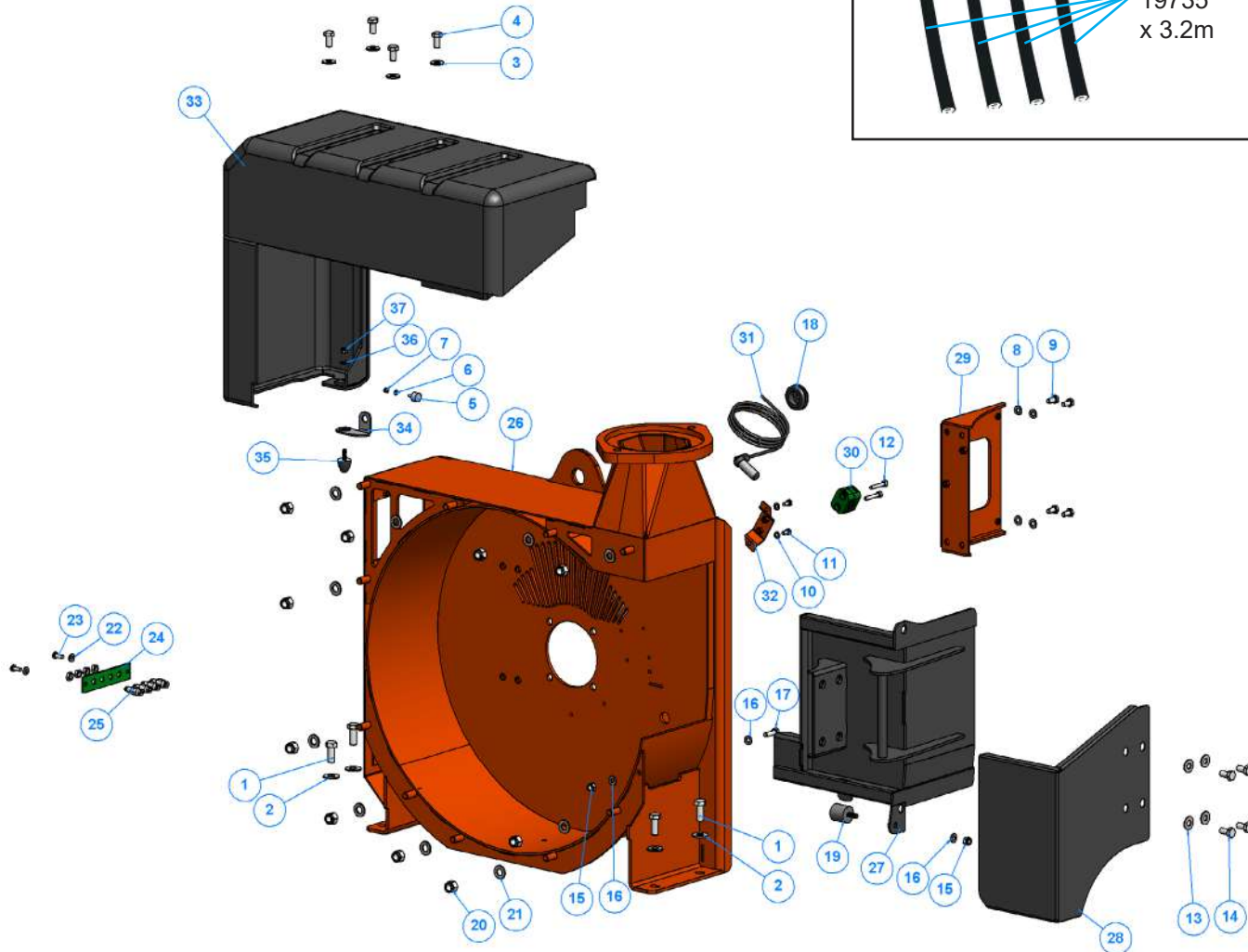


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C005-0712	M10 x 40 Skt Cap Z/P 12.9	3
2	P0001327M	ROLLER NYLON BEARING	1
3	2731M	Spline Drive Bottom Roller Ø74.9 - 52	1
4	P0001401	Bolt Shear 1.5 55	3
5	P0001502F	Roller Infeed	1
6	P0002175M	Shaft Bottom Roller Stub Ø 30 mm	1

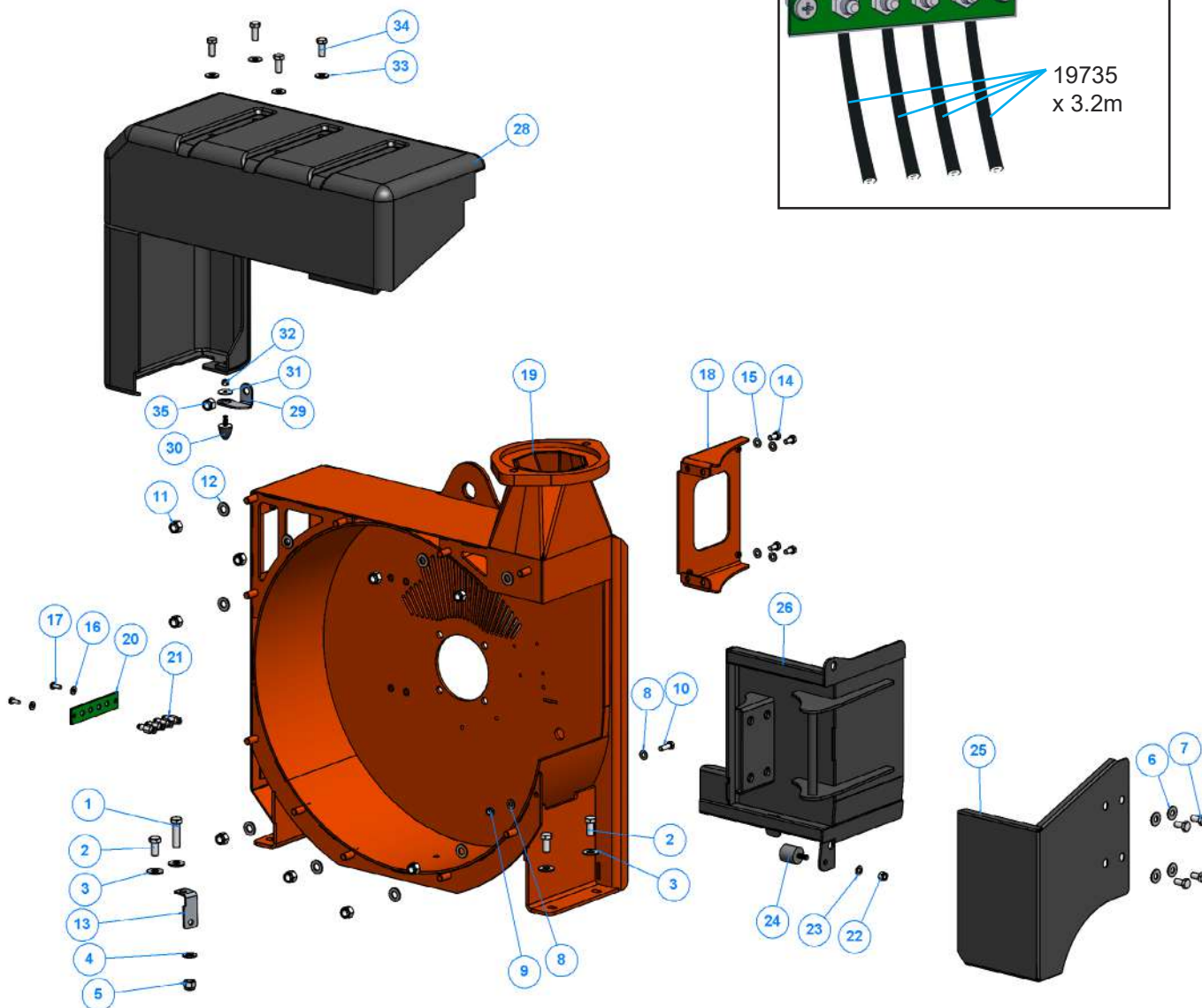


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C005-0810	M12 X 30 SKT CAP Z/P 12.9	16
2	P0001319	BEARING 6308 C3	2
3	C015-0605	M8 X 16 SKT CSK SET Z/P 10.9	2
4	C035-0100	M16 X 1.5 T TYPE NYLOC NUT Z/P	4
5	C021-0107	M12 STD A WASHER Z/P 8.8	4
6	C002-0807	M12 X 20 HEX SET Z/P 8.8	4
7	C018-0714	M10 X 50 SKT CAP S/C FINE THREAD 12.9	4
8	C005-0607	M8 X 20 SKT CAP Z/P 12.9	6
9	P0000615M	SHAFT NOSE	1
10	P0000763	BLADE CUTTER 135	2
11	P0000920M	BEARING CUP FRONT	1
12	P0000921M	BEARING CAP FRONT	1
13	P0000922M	BEARING HOUSING REAR	1
14	P0000923M	REAR BEARING CAP	1
15	P0000924M	PLATE BLADE BOLT ANTI ROTATION 52 X 20	2
16	P0000925M	SHAFT ROTOR	1
17	P0001084	SHIM ROTOR 0.5mm	1
18	P0001244M	ROTOR DISC	1
19	P0001318	SEAL 40 X 60 X 7	1
20	P0001320	NUT ROTOR SHAFT M40 X 1.5	1
21	P0001432	SHIM ROTOR 1mm	1
22	P0002217F	PADDLE ROTOR	4
23	C028-0109	WASHER M16 30 HARD.SLDPRT	4
24	18474	FITTING GREASE POINT RIGHT ANGLE	2
25	18712M	BOLT M16 BLADE	4

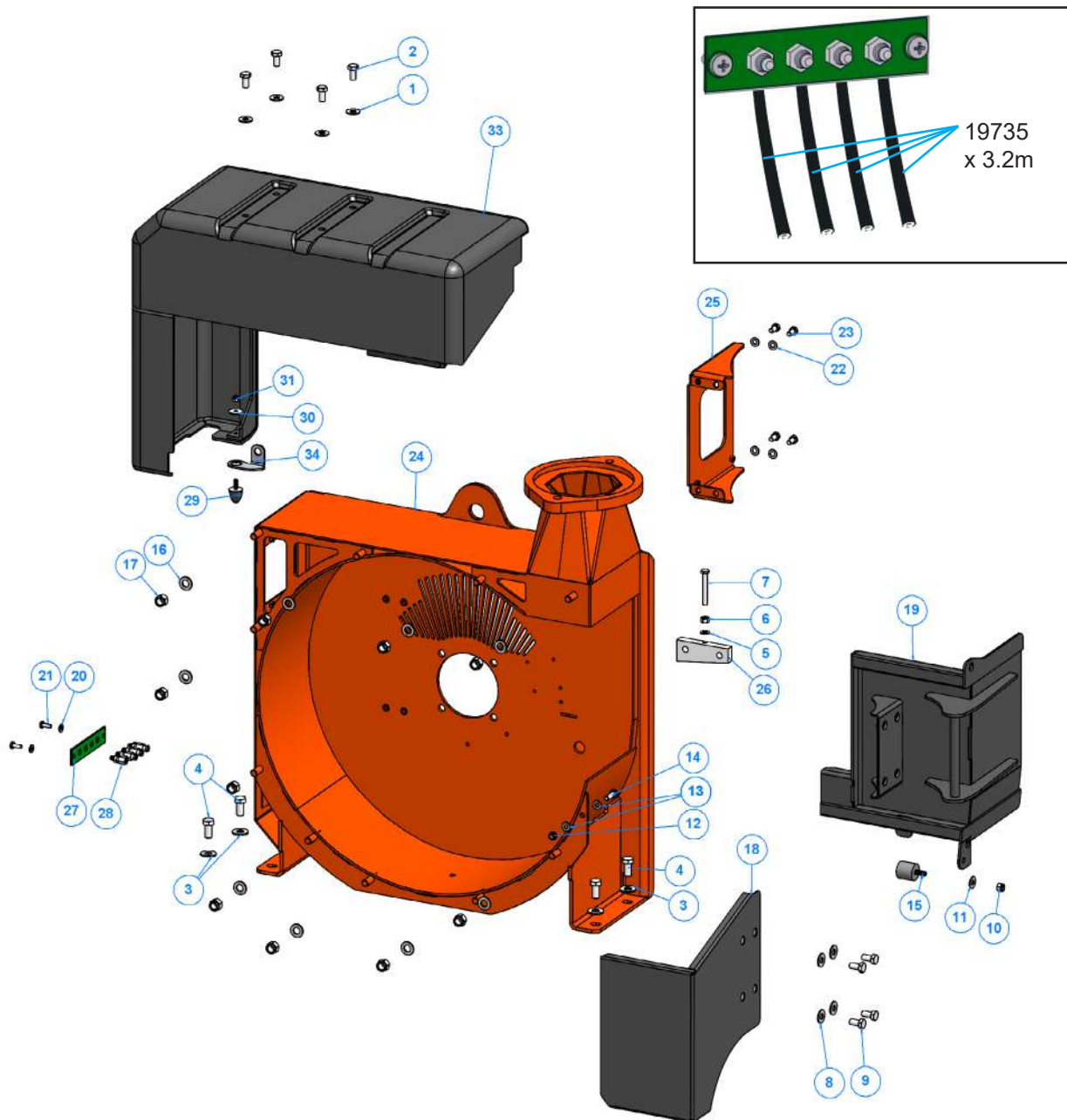
TW 230VTR Diesel ☐



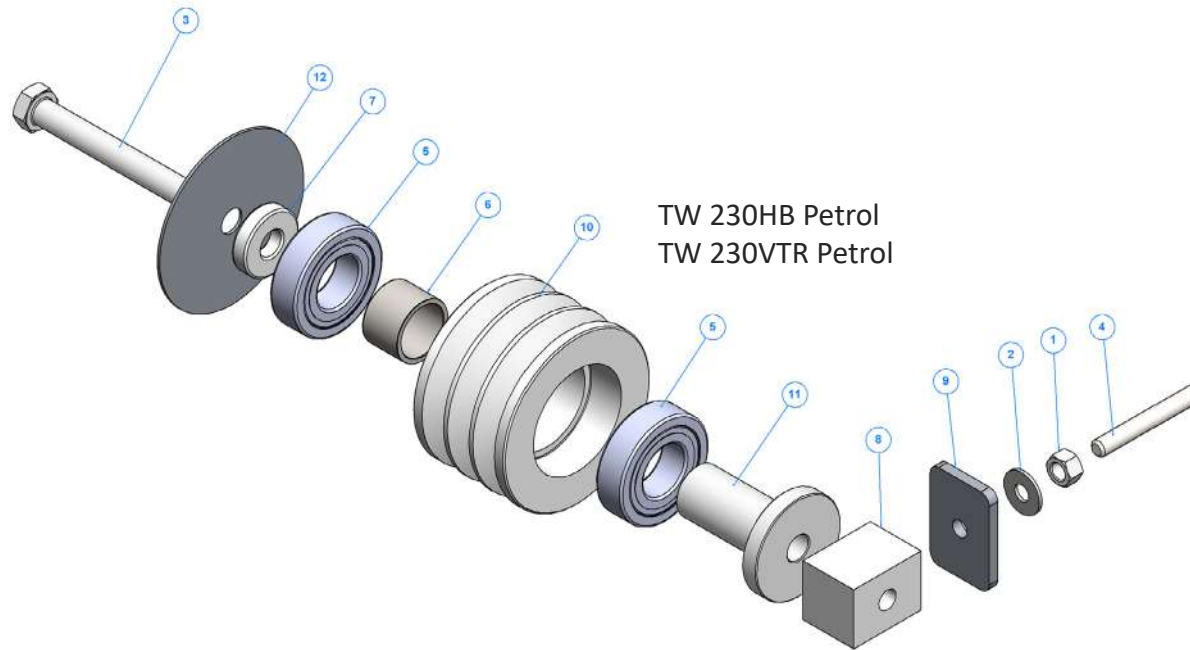
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0810	M12 X 30 HEX SET Z/P 8.8	4
2	C021-0127	M12 STD C WASHER Z/P 8.8	4
3	C021-0126	M10 STD C WASHER Z/P	4
4	C002-0707	M10 X 20 HEX SET Z/P 8.8	4
5	P0001253	AV MOUNT 16 X 10 M4 60 SHORE VE	1
6	C021-0101	M4 STD A WASHER Z/P 8.8	1
7	C035-0102	M4 TYPE P NYLOC NUT Z/P	1
8	C021-0105	M8 STD A WASHER Z/P 8.8	4
9	C002-0605	M8 X 16 HEX SET Z/P 8.8	4
10	C021-0103	M6 STD A WASHER Z/P 8.8	2
11	C002-0403	M6 X 12 HEX SET Z/P 8.8	2
12	C005-0411	M6 X 35 SKT CAP Z/P 12.9	2
13	C021-0126	M10 STD C WASHER Z/P	4
14	C002-0707	M10 X 20 HEX SET Z/P 8.8	4
15	C031-0163	M8 TYPE P NYLOC NUT Z/P	2
16	C021-0105	M8 STD A WASHER Z/P 8.8	3
17	C002-0609	M8 X 25 HEX SET Z/P 8.8	1
18	C051-0108	45mm OD X 35mm ID BLANKING GROMMET WITH CENTRAL 10mm HOLE	1
19	C0178	BUFFER RUBBER	1
20	C031-0165	M12 TYPE P NYLOC NUT Z/P	10
21	C021-0107	M12 STD A WASHER Z/P 8.8	10
22	C021-0123	M6 STD C WASHER Z/P 8.8	2
23	C013-0405	M6 X 16 POZI PAN Z/P 4.8	2
24	P0000684	GREASE POINT PANEL	1
25	18192	RG06 DO-IT REMOTE GREASE KIT	4
26	P0002317F	INTERCHANGABLE ROTORHOUSING Ø593	1
27	P0002826F	ACCESS HATCH 230	1
28	P0001053F	GUARD ROLLER BOX MOVING	1
29	C131-0169	BRACKET ROTOR HOUSING ELECTRICAL PANEL ASSY	1
30	P0003516	16mm PIPE CLAMP	1
31	C161-0175	TRIGGER SENSOR ASSEMBLY	1
32	C131-0179	TRIGGER SENSOR BRACKET ASSY	1
33	C137-0170	TW230 PLASTIC ROLLERBOX GUARD ASSY	1
34	C137-0169	TW230 ROLLERBOX PLASTIC GUARD BRACKET	1
35	C076-0103	24X25MM CONICAL BUMP STOP (MALE M6X18MM) 45 SHORE	1
36	C021-0123	M6 STD C WASHER Z/P 8.8	1
37	C031-0161	M6 TYPE P NYLOC NUT Z/P	1

TW 230HB Petrol ☐TW 230HB Diesel ☒TW 230VTR Petrol ☐TW 230VTR Diesel ☐

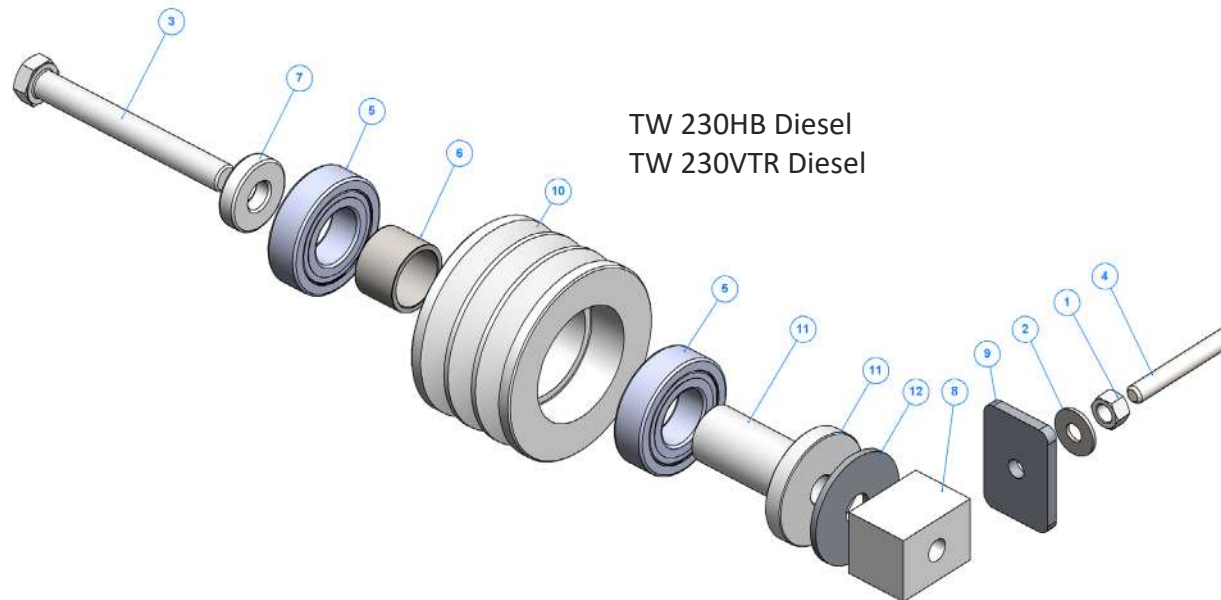
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C002-0813	M12 X 45 HEX SET Z/P 8.8	1
2	C002-0809	M12 X 25 HEX SET Z/P 8.8	3
3	C021-0127	M12 STD C WASHER Z/P 8.8	4
4	C021-0107	M12 STD A WASHER Z/P 8.8	1
5	C031-0165	M12 TYPE P NYLOC NUT Z/P	1
6	C021-0126	M10 STD C WASHER Z/P	4
7	C002-0707	M10 X 20 HEX SET Z/P 8.8	4
8	C021-0105	M8 STD A WASHER Z/P 8.8	2
9	C031-0123	M8 TYPE T NYLOC NUT Z/P	1
10	C002-0609	M8 X 25 HEX SET Z/P 8.8	1
11	C031-0165	M12 TYPE P NYLOC NUT Z/P	9
12	C021-0107	M12 STD A WASHER Z/P 8.8	9
13	P0001114F	BRACKET HOSE	1
14	C002-0605	M8 X 16 HEX SET Z/P 8.8	4
15	C021-0105	M8 STD A WASHER Z/P 8.8	4
16	C021-0123	M6 STD C WASHER Z/P 8.8	2
17	C013-0405	M6 X 16 POZI PAN Z/P 4.8	2
18	P0002316F	BRACKET ROTOR HOUSING ELECTRICAL PANEL ASSY	1
19	P0002317F	INTERCHANGABLE ROTORHOUSING Ø593	1
20	P0000684	GREASE POINT PANEL	1
21	18192	RG06 DO-IT REMOTE GREASE KIT	4
22	C031-0163	M8 TYPE P NYLOC NUT Z/P	1
23	C021-0105	M8 STD A WASHER Z/P 8.8	1
24	CO178	BUFFER RUBBER	1
25	P0001053F	GUARD ROLLER BOX MOVING	1
26	P0002826F	ACCESS HATCH 230	1
27	S014-0001	PLASTIC ROLLERBOX GUARD RETRO FIT KIT	1
28	C137-0170	TW230 PLASTIC ROLLERBOX GUARD ASSY	1
29	C137-0169	TW230 ROLLERBOX PLASTIC GUARD BRACKET	1
30	C076-0103	24X25MM CONICAL BUMP STOP (MALE M6X18MM) 45 SHORE	1
31	C024-0102	M6 X 25mm LARGE WASHER	1
32	C031-0161	M6 TYPE P NYLOC NUT Z/P	1
33	C021-0126	M10 STD C WASHER Z/P	4
34	C002-0709	M10 X 25 HEX SET Z/P 8.8	4
35	C031-0165	M12 TYPE P NYLOC NUT Z/P	1

TW 230HB Petrol ☐TW 230HB Diesel ☐TW 230VTR Petrol ☐TW 230VTR Diesel ☒

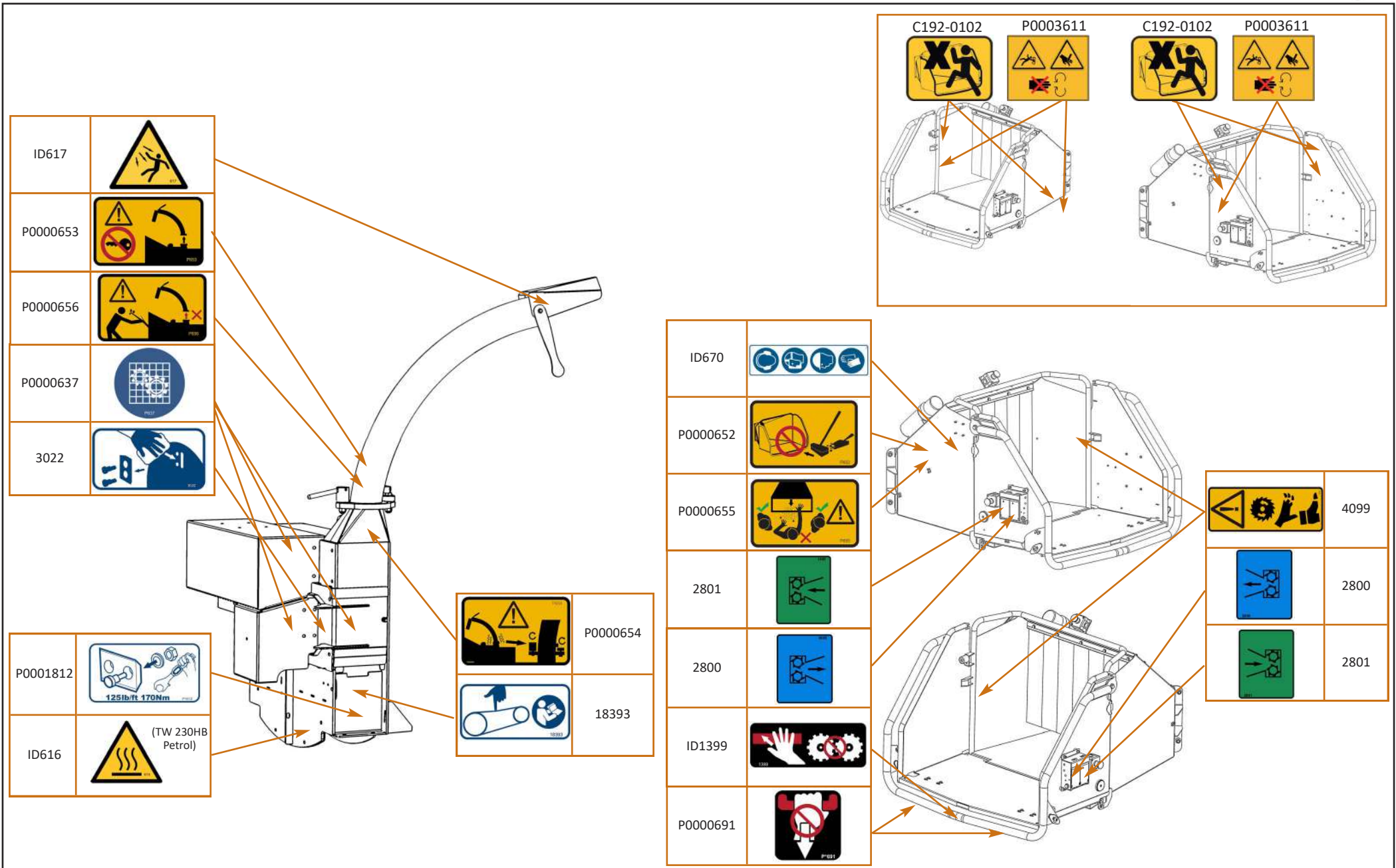
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C021-0126	M10 STD C WASHER Z/P	4
2	C002-0707	M10 X 20 HEX SET Z/P 8.8	4
3	C021-0127	M12 STD C WASHER Z/P 8.8	4
4	C002-0809	M12 X 25 HEX SET Z/P 8.8	4
5	C021-0105	M8 STD A WASHER Z/P 8.8	1
6	C030-0123	M8 HEX NUT Z/P 10	1
7	C002-0616	M8 X 60 HEX SET Z/P 8.8	1
8	C021-0126	M10 STD C WASHER Z/P	4
9	C002-0707	M10 X 20 HEX SET Z/P 8.8	4
10	C031-0163	M8 TYPE P NYLOC NUT Z/P	1
11	C021-0125	M8 STD C WASHER Z/P 8.8	1
12	C031-0123	M8 TYPE T NYLOC NUT Z/P	1
13	C021-0105	M8 STD A WASHER Z/P 8.8	2
14	C002-0609	M8 X 25 HEX SET Z/P 8.8	1
15	CO178	BUFFER RUBBER	1
16	C021-0107	M12 STD A WASHER Z/P 8.8	9
17	C031-0165	M12 TYPE P NYLOC NUT Z/P	9
18	P0001053F	GUARD ROLLER BOX MOVING	1
19	P0002826F	ACCESS HATCH 230	1
20	C021-0123	M6 STD C WASHER Z/P 8.8	2
21	C013-0405	M6 X 16 POZI PAN Z/P 4.8	2
22	C021-0105	M8 STD A WASHER Z/P 8.8	4
23	C002-0605	M8 X 16 HEX SET Z/P 8.8	4
24	P0002317F	INTERCHANGABLE ROTORHOUSING Ø593	1
25	P0002316F	BRACKET ROTOR HOUSING ELECTRICAL PANEL ASSY	1
26	P0002607M	PUMP MOUNTING BLOCK	1
27	P0000684	GREASE POINT PANEL	1
28	18192	RG06 DO-IT REMOTE GREASE KIT	4
29	C076-0103	24X25MM CONICAL BUMP STOP (MALE M6X18MM) 45 SHORE	1
30	C024-0102	M6 X 25mm LARGE WASHER	1
31	C031-0161	M6 TYPE P NYLOC NUT Z/P	1
32	C031-0165	M12 TYPE P NYLOC NUT Z/P	1
33	C137-0170	TW230 PLASTIC ROLLERBOX GUARD ASSY	1
34	C137-0169	TW230 ROLLERBOX PLASTIC GUARD BRACKET	1

TW 230HB Petrol ☒TW 230HB Diesel ☒TW 230VTR Petrol ☒TW 230VTR Diesel ☒TW 230HB Petrol
TW 230VTR Petrol

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C030-0123	M8 HEX NUT Z/P 10	1
2	C021-0125	M8 STD C WASHER Z/P 8.8	1
3	C002-0824	M12 X 100 HEX SET Z/P 8.8	1
4	C087-0520	M8X60 SKT SET GRUBSCREW DIN 913 ISO 4026 Z/P	1
5	BE491	BEARING 6205 2RS C3	2
6	C082-0128	BEARING SPACER 6205 INT.25-33-20 POS.TOL	1
7	C024-0105	M12 HEAVY WASHER BLACK	1
8	0469MS	BLOCK PULLEY TENSION ADJUSTER	1
9	C131-0539	TW230 BELT TENSIONER PLATE	1
10	C130-0161	TW230 BELT TENSIONER FULLY MACHINED PULLEY	1
11	C130-0162	TW230 BELT TENSIONER BOSS	1
12	C131-0538	TW230HBP BELT TENSIONER HEAT SHIELD	1

TW 230HB Diesel
TW 230VTR Diesel

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C030-0123	M8 HEX NUT Z/P 10	1
2	C021-0125	M8 STD C WASHER Z/P 8.8	1
3	C002-0824	M12 X 100 HEX SET Z/P 8.8	1
4	C087-0520	M8X60 SKT SET GRUBSCREW DIN 913 ISO 4026 Z/P	1
5	BE491	BEARING 6205 2RS C3	2
6	C082-0128	BEARING SPACER 6205 INT.25-33-20 POS.TOL	1
7	C024-0105	M12 HEAVY WASHER BLACK	1
8	0469MS	BLOCK PULLEY TENSION ADJUSTER	1
9	C131-0539	TW230 BELT TENSIONER PLATE	1
10	C130-0161	TW230 BELT TENSIONER FULLY MACHINED PULLEY	1
11	C130-0162	TW230 BELT TENSIONER BOSS	1
12	C082-0129	M12 BELT TENSIONER ASSY SPACER Ø60 x 3mm	1

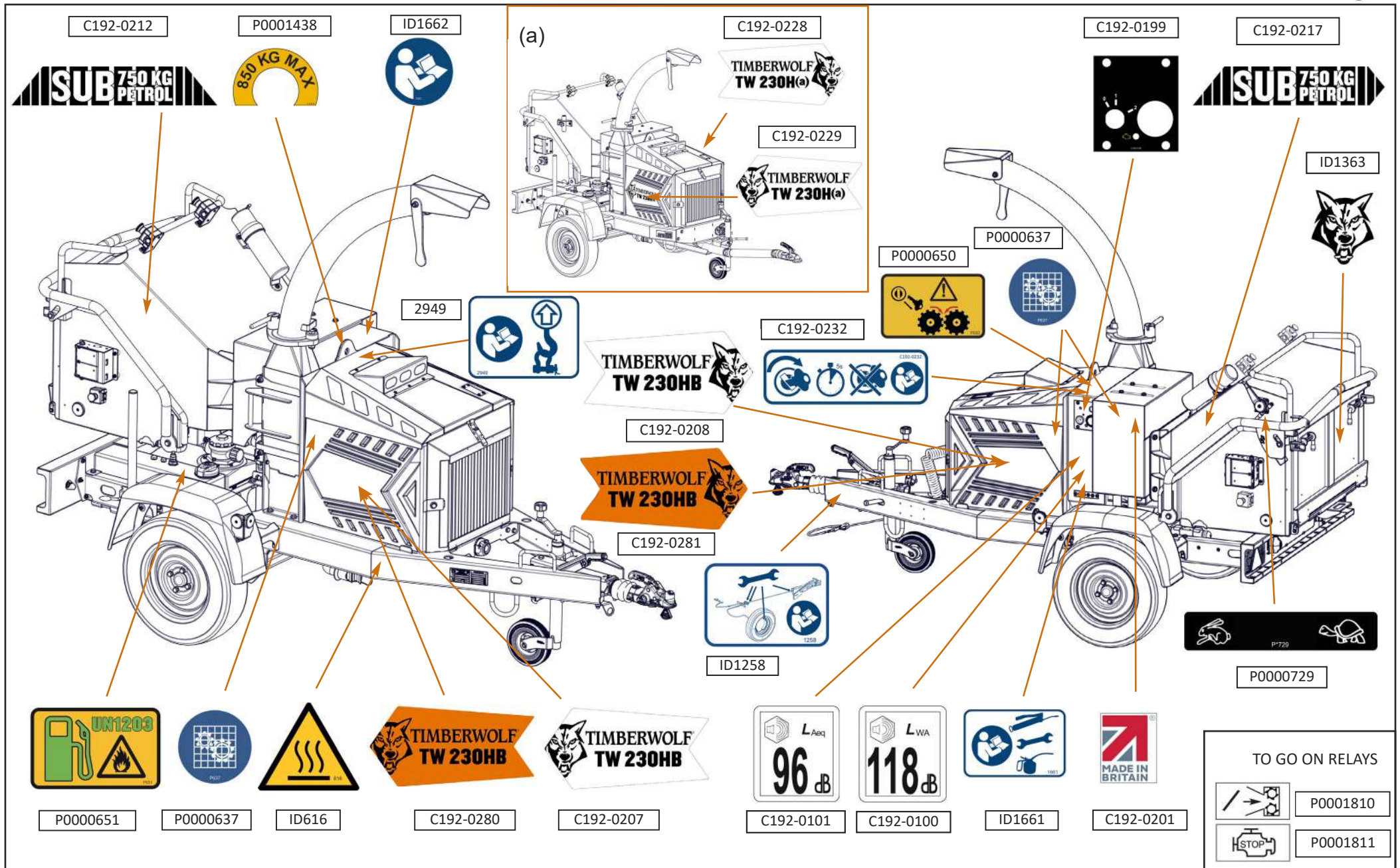


TW 230HB Petrol ☒

TW 230HB Diesel ☐

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐

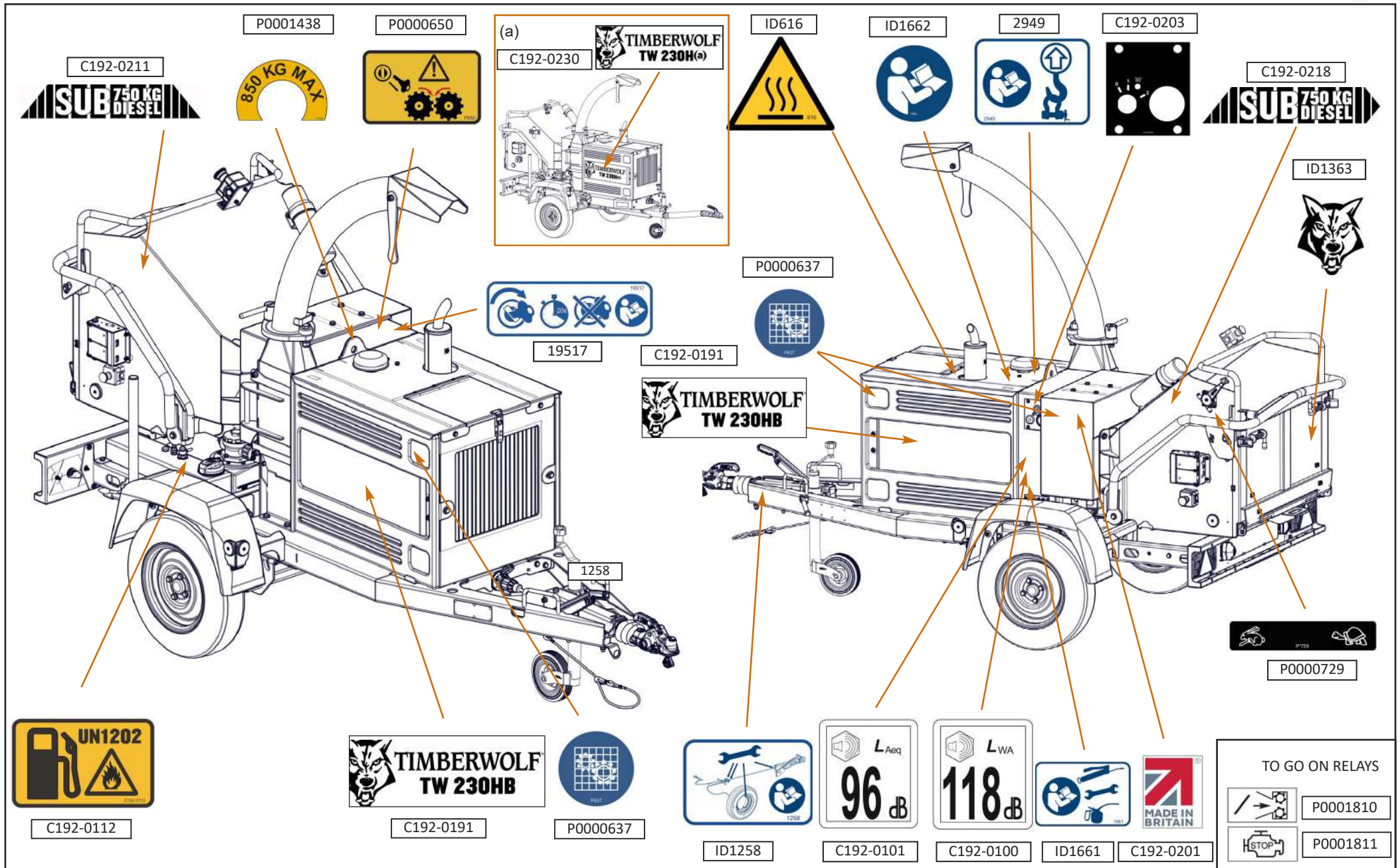


TW 230HB Petrol ☐

TW 230HB Diesel ☒

TW 230VTR Petrol ☐

TW 230VTR Diesel ☐

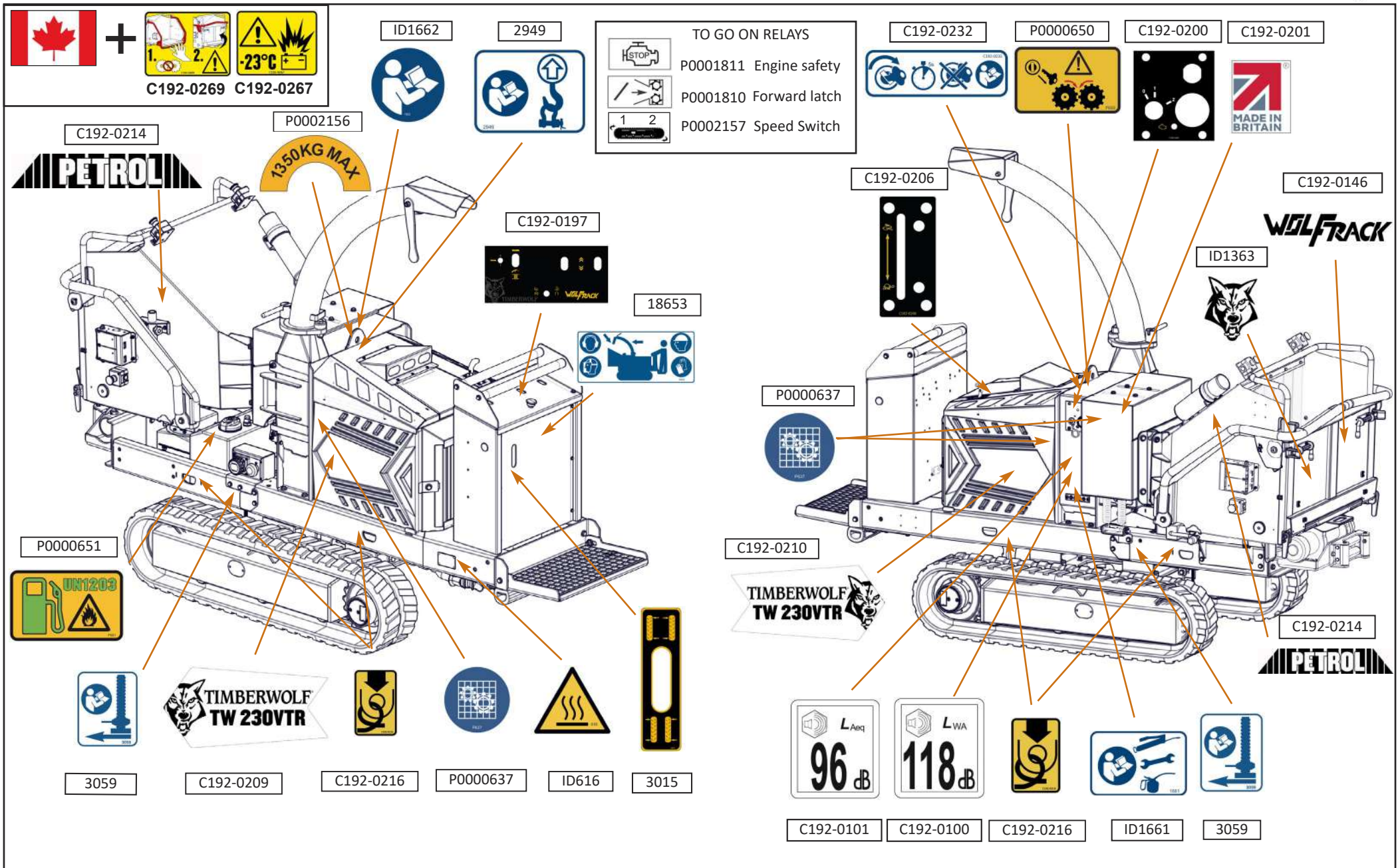


TW 230HB Petrol ☐

TW 230HB Diesel ☐

TW 230VTR Petrol ☒

TW 230VTR Diesel ☐

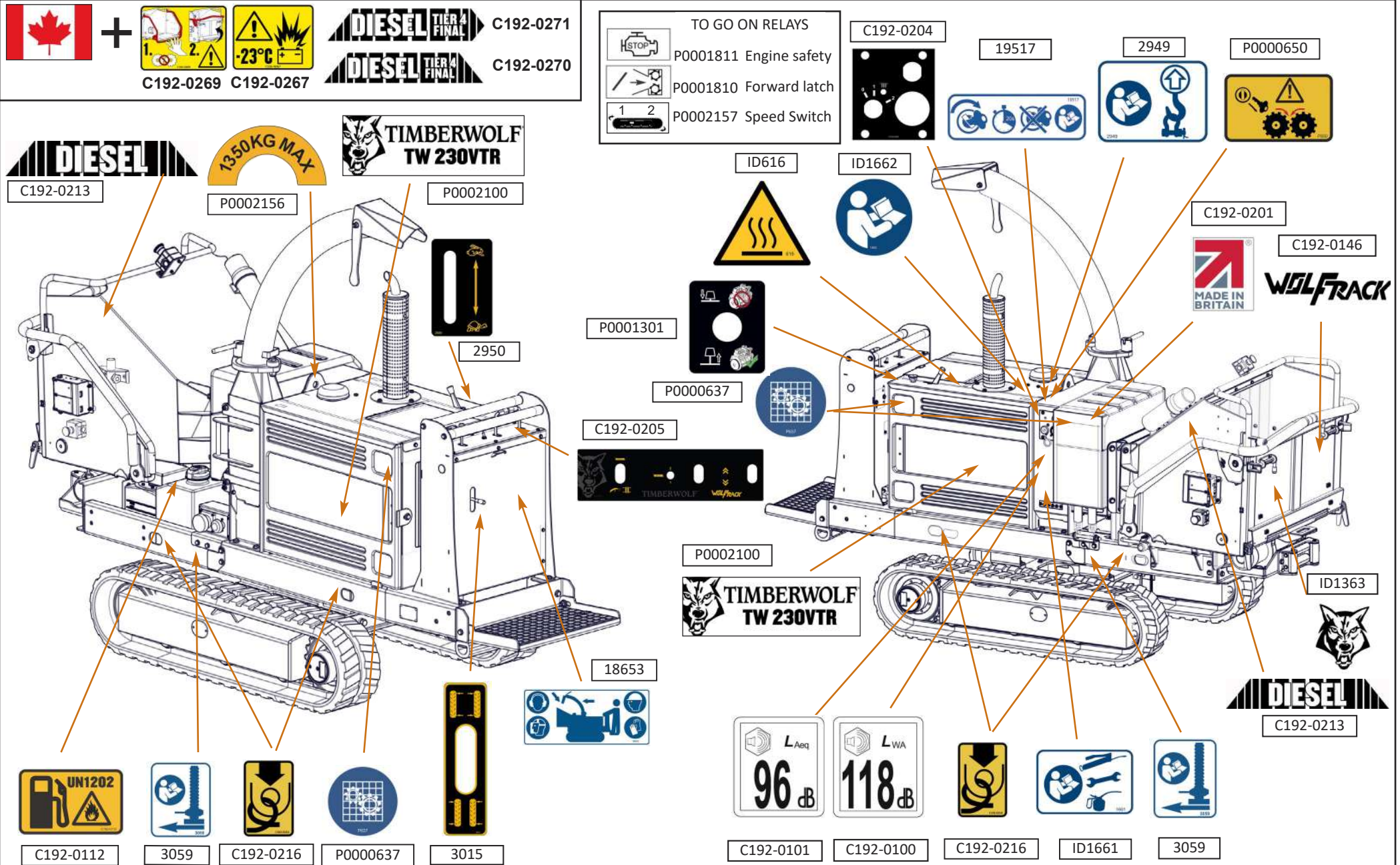


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