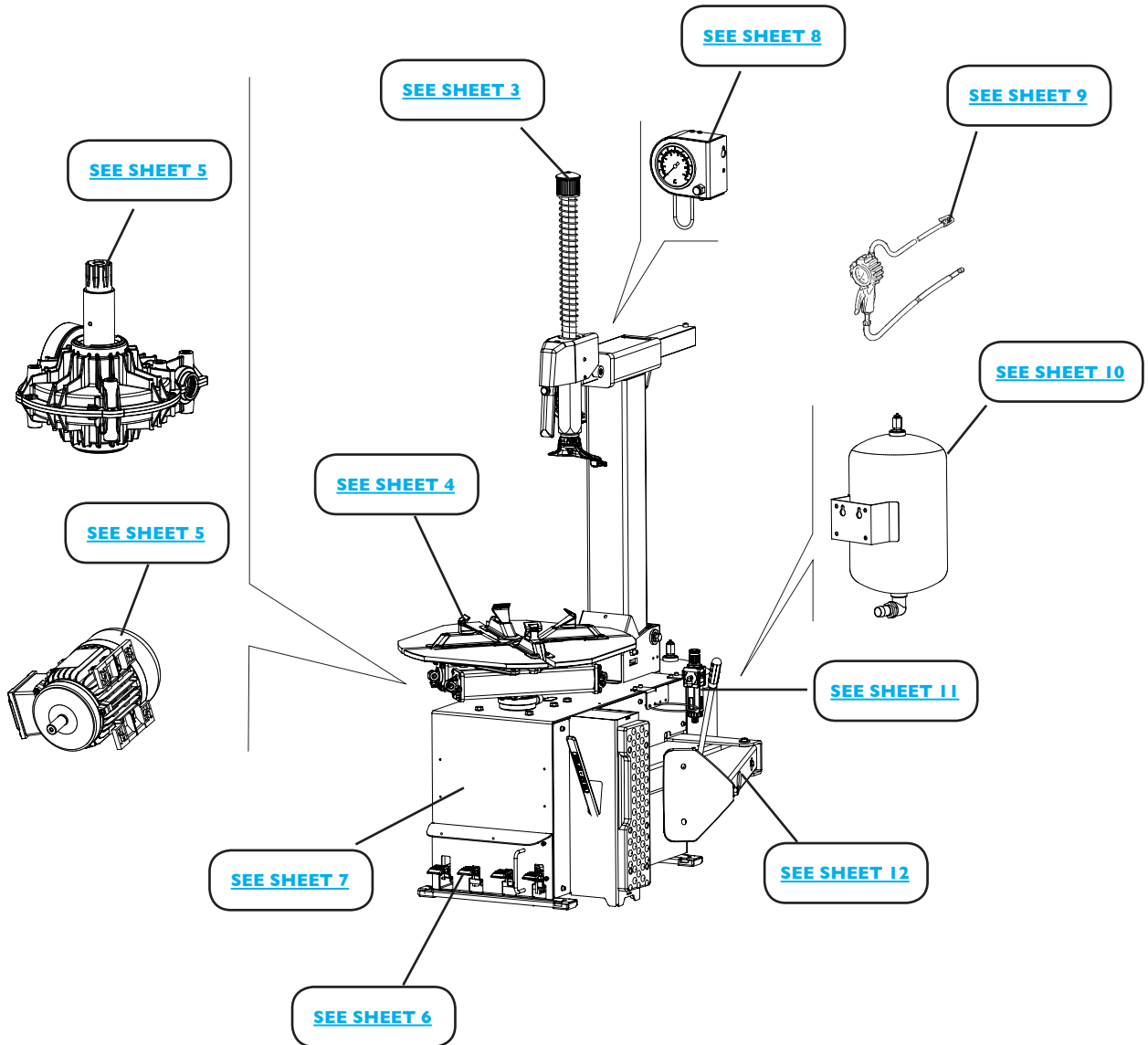


TCX52 Tire Changer

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OVERALL



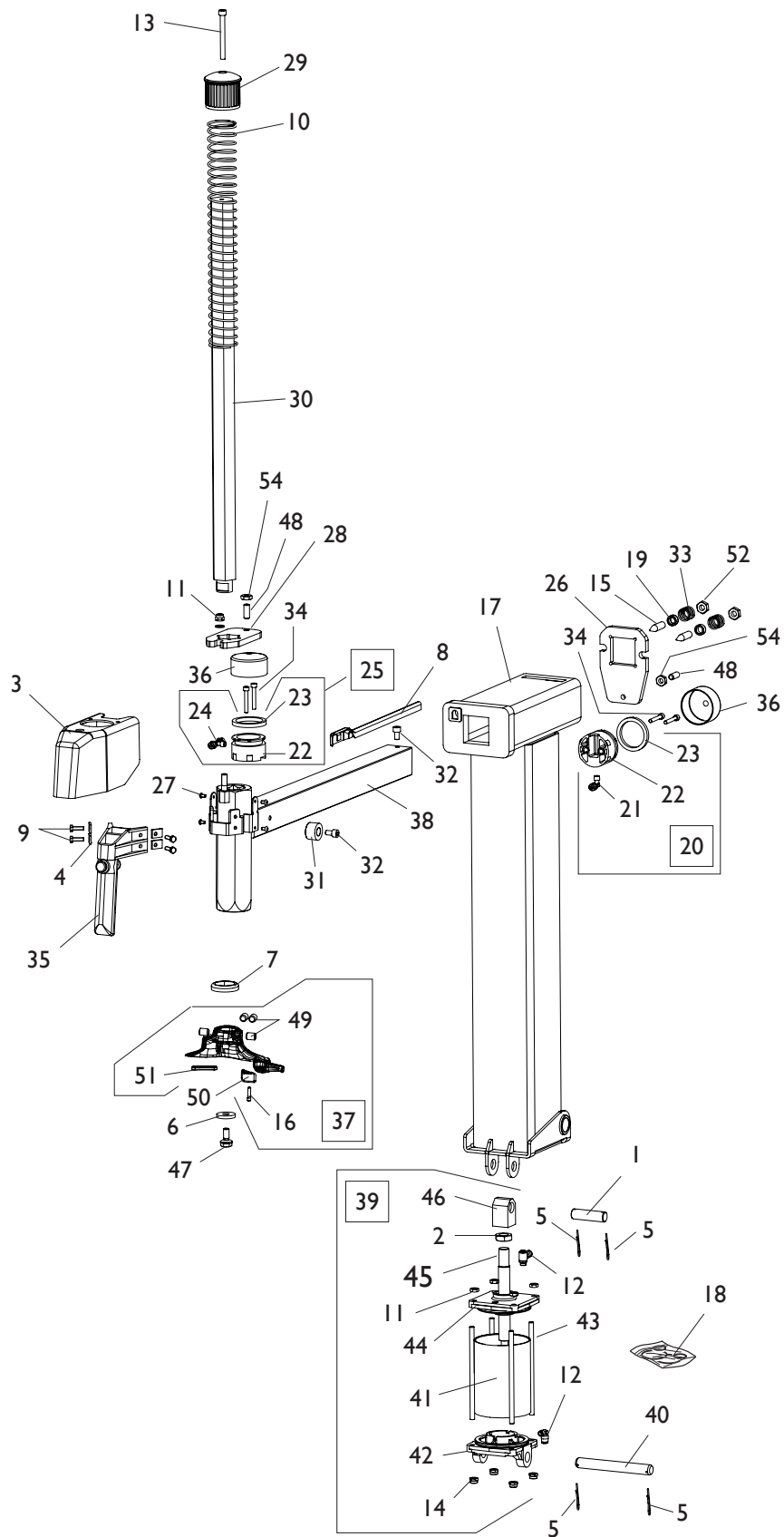
TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

TCX52 ACCESSORIES (NOT SHOWN)

Part Number	Description
RP6-3784	Mounting Paste
RP11-4-105142	Short Bead Lever
148-133-2	Lubrication Oil
RP6-1506	Applicator Brush
179-15-2	Safety Goggles
RP11-3009516	Bead Lever
RP11-4-108275	Bead Lever (UHP - WDK)

OPERATING ARM GROUP



[RETURNS TO OVERALL](#)

TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

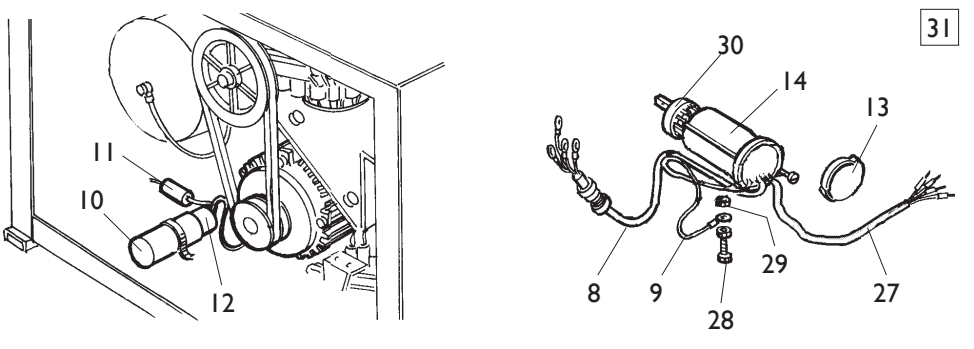
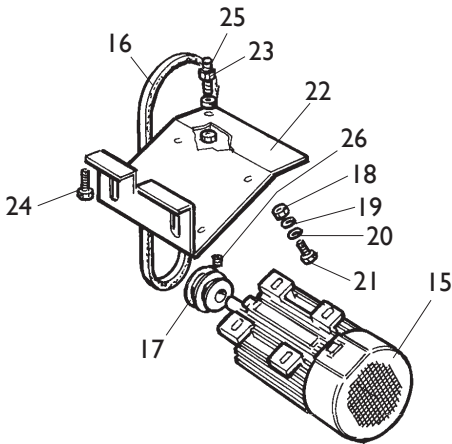
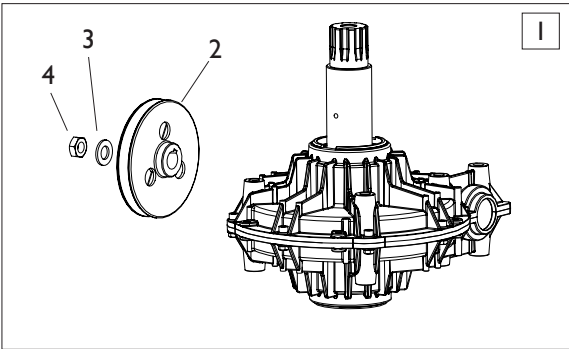
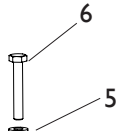
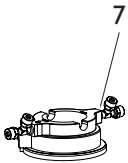
Index No.	Part Number	Description
1	RP11-4-102493	CYLINDER UPPER PIN
2	RP11-2-00656	LOW NUT M 18X1,5
3	RP11-4-120442	HANDLE COVER
4	RP11-4-105981	PLATE
5	RP11-435055	CLIP D.2X10
6	RP11-350194	WASHER D.12X33X5
7	RP11-428681	DAMPING RING
8	RP11-426763	PIPE GUIDE
9	RP11-2-00362	HEXAGON HEAD CAP SCREW M6X20
10	RP11-423765	COMPRESSOR SPRING D.48,4X410X3,2
11	RP11-2-01020	NUT WITH POLYAMIDE RING M8
12	RP11-3-00217	L-FITTING-G1/8-C T6
13	RP11-2-01312	SOCKET HEAD CAP SCREW M8X80
14	RP11-2-01137	NUT WITH POLYAMIDE RING M8
15	RP11-341836	SPECIAL SCREW M12X50
16	RP11-342051	PIN
17	RP11-5-107494	TILTING BACK ARM WITH LABELS
18	RP11-241484	CYLINDER SEAL KIT
19	RP11-339803	BUSHING D.12X18X8
20	RP11-239805	PISTON REAR LOCKING D.60X38
21	RP11-3-00106	ELBOW MALE ADAPTOR G1/8 T. 6-4
22	RP11-443077	PISTON D.60X38
23	RP11-4212240	GASKET DE 237
24	RP11-3-00119	TEE MALE ADAPTOR G1/8 T.6-4
25	RP11-239806	PISTON VERTICAL LOCKING D.60X38
26	RP11-336142	ORIZONTAL LOCKING PLATE
27	RP11-2-02899	SCREW M5X8

Index No.	Part Number	Description
28	RP11-4-120481	VERTICAL LOCKING PLATE
29	RP11-423907	KNOB
30	RP11-4-120441	VERTICAL ARM
31	RP11-383372	OPERATING ARM STOP
32	RP11-2-01053	SOCKET HEAD CAP SCREW M8X10
33	RP11-439787	COMPRESSOR SPRING D.22,6X2,3X22
34	RP11-2-00909	SOCKET HEAD CAP SCREW M6X35
35	RP11-283943	HANDLE
36	RP11-3007871	CYLINDER D. 60
37	RP11-257175	HEAD ASSEMBLY
38	RP11-4-120455	ORIZONTAL ARM
39	RP11-4-100825	CYLINDER ASSEMBLY D.95
40	RP11-4-120536	CYLINDER FULCRUM PIN
41	RP11-4-115967	LINER D.95X130
42	RP11-4-115956	REAR FLANGE D.95
43	RP11-4-115997	TIE-ROD D.7X167
44	RP11-5-105114	FRONT FLANGE D.95
45	RP11-4-115953	STEM D.20X185
46	RP11-4-115954	CYLINDER ATTACK
47	RP11-9350197	MOUNTING HEAD FIXING SCREW
48	RP11-2-01291	CSK SCREW SOCKET M10X25
49	RP11-2-71357	CSK SCREW SOCKET M12X16
50	RP11-4-104729	YELLOW INSERT
51	RP11-4-104730	YELLOW INSERT
52	RP11-2-00158	HEXAGON NUT M12
53	RP11-2-00212	WASHER D.8
54	RP11-2-00157	HEXAGON NUT M10

Index No.	Part Number	Description
1A	RP11-5-102907	TURNTABLE ASSEMBLY 10-22"
1B	RP11-5-100581	G.P. TURNTABLE ASSEMBLY 10-22"
2	RP11-323363	WASHER D.16,5X48X10
3	RP11-2-01216	HEX. HEAD CAP SCREW M16X1,5X35
4	RP11-426514	ROUND CAP
5	RP11-238548	CYLINDERS SEAL KIT
6	RP11-455082	WASHER D.65X85X0,4
7	RP11-437964	WASHER D.18,5X25X5
8	RP11-4-102152	TURNTABLE PLATE
9	RP11-4-101918	G.P. FITTING
10	RP11-4-101122	RIM SUPPORT
11	RP11-4-101130	RIM SUPPORT
12	RP11-3-00517	G.P. LO-FITTING-G1/4GO-T.10
13	RP11-2-03295	HEXAGON HEAD SCREW 1/2F M12X95
14	RP11-4-101651	FLANGE CONTROL RODS
15	RP11-2-01059	SPRING PIN D.5X12
16	RP11-337965	BUSHING D.12X18X20
17	RP11-3008225	WEDGE
18	RP11-4-115186	PLATE

Index No.	Part Number	Description
19A	RP11-4-101872	SLIDER
19B	RP11-4-101871	G.P. SLIDER
20	RP11-4-106243	PLATE
21	RP11-2-01283	RETAINING RING FOR SHAFT D.65
22	RP11-2-00214	WASHER FOR HEX CAP SCREW M12
23	RP11-2-00025	RETAINING RING FOR SHAFT D.12
24	RP11-5-100582	RIGHT CYLINDER D.70X326.5
25	RP11-5-100583	LEFT CYLINDER D.70X326.5
26	RP11-3-02045	STRAIGHT MALE ADAPTOR G1/8 T.6 + O-RING
27	RP11-3-02044	ORIENTING ELBOW FITTING 1/8 T.6 + O-RING
28	RP11-2-01137	NUT WITH POLYAMIDE RING M8
29	RP11-5-105111	CYLINDER FRONT FLANGE D.70
30	RP11-4-115948	CYLINDER REAR FLANGE D.70
31	RP11-4-116001	CASING CYLINDER D. 70
32	RP11-4-115999	STEM D.20X403
33	RP11-4-116002	TIE ROD D.7X390 M8
34	RP11-428636	WASHER D.12,3X22,8X1
35	RP11-2-00156	HEXAGON NUT M8

GEARMOTOR



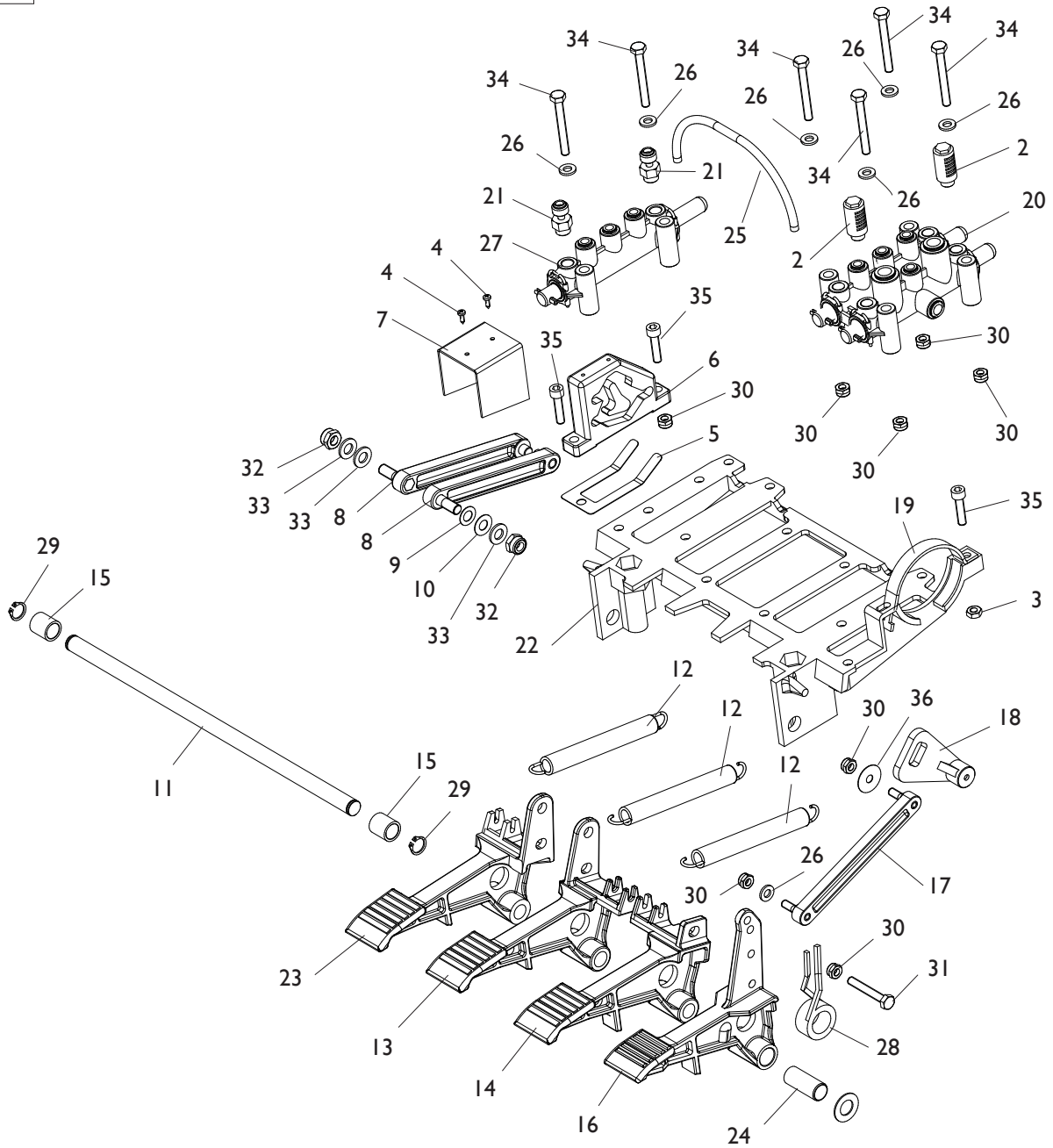
[RETURNS TO OVERALL](#)

Index No.	Part Number	Description
1	RP11-5-102647	GEARBOX
2	RP11-314344	PULLEY
3	RP11-2-00215	WASHER D.14
4	RP11-2-00941	HEXAGON NUT M14
5	RP11-2-00213	WASHER D.10
6	RP11-2-01046	HEXAGON HEAD CAP SCREW M10X55
7	RP11-228389	ROTATING JOINT (NO G.P.)
8A	RP11-225419	MOTOR CABLE (230V 1PH)
8B	RP11-249590	MOTOR CABLE (115V 1PH)
9A	RP11-225438	GROUND CABLE (230V 1PH)
9B	RP11-249590	GROUND CABLE (115V 1PH)
10A	RP11-414850	CAP NUT (230V 1PH)
10B	RP11-430750	CAP NUT (115V 1PH)
11	RP11-430770	RESISTANCE 330K OHM
12A	RP11-449750	CAPACITOR 35mf (230V 1PH)
12B	RP11-4-112849	CAPACITOR 50mf (115V 1PH)
13	RP11-430991	LID
14	RP11-432065	INVERTER COVER
15A	RP11-4-115122	ELECTRIC MOTOR (230V 1PH 50HZ)
15B	RP11-4-114875	ELECTRIC MOTOR (230V 1PH 60HZ)

Index No.	Part Number	Description
15C	RP11-4-112454	ELECTRIC MOTOR (115V 1PH)
16	RP11-3-10068	MOTOR BELT
17	RP11-331067	MOTOR PULLEY
18	RP11-421349	TRISTOP M 8 SELF-LOCKING NUT
19	RP11-339208	WASHER D.8,5X22X4
20	RP11-2-00212	WASHER D.8
21	RP11-2-00374	HEXAGON HEAD CAP SCREW M8X25
22	RP11-334768	MOTOR SUPPORT
23	RP11-2-00152	HEXAGON NUT M10
24	RP11-2-00328	SOCKET HEAD CAP SCREW M10X20
25	RP11-455920	SPECIAL SCREW M10X60
26	RP11-2-01091	SOCKET SET SCREW M6X5
27A	RP11-235520	SUPPLY CABLE (230V 1PH)
27B	RP11-447801	SUPPLY CABLE (115V 1PH)
28	RP11-2-00790	CROSS PAN HEAD SCREW M4X10
29	RP11-2-00149	NUT M 4
30	RP11-5-102742	INVERTER
31A	RP11-249881	ELECTRICAL SYSTEM (230V 1PH)
31B	RP11-5-103989	ELECTRICAL SYSTEM (115V 1PH)

PEDAL SYSTEM

I



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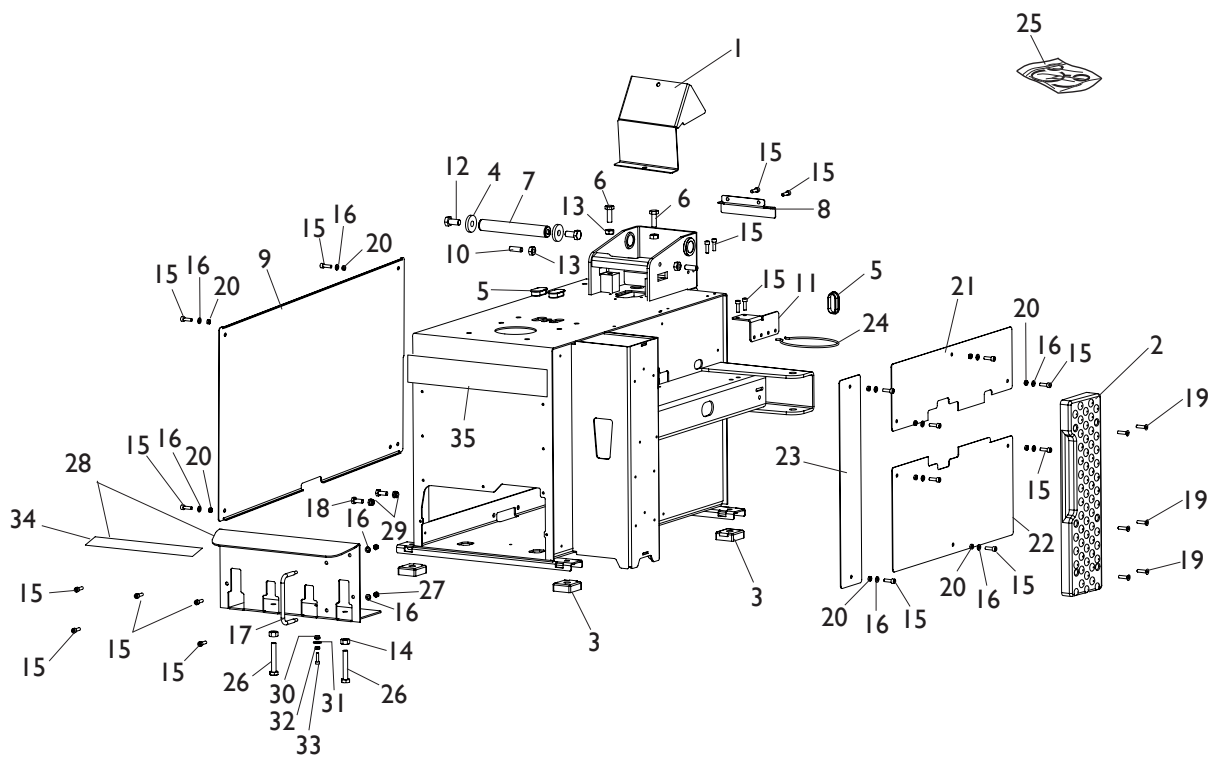
TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description
1	RP11-5-105188	PEDAL ASSEMBLY
2	RP11-3-00183	SILENCER 1/8"
3	RP11-2-00155	LOW NUT M6
4	RP11-2-01272	SELF-TAPPING SCREW D.2,9X9,5
5	RP11-3006149	FORK LEAF SPRING
6	RP11-3306148	TRIP CAM
7	RP11-325018	U-BOLT
8	RP11-425014	CAM ROD
9	RP11-2-02247	WASHER D.8,4X15
10	RP11-309358	WASHER D.8X16,5X0,5
11	RP11-325005	PEDAL PIN
12	RP11-410628	SPRING D.14X2X105
13	RP11-325031	TURNTABLE PEDAL
14	RP11-325032	BEAD BRAKE PEDAL
15	RP11-325050	SPACER
16	RP11-5-102714	INVERTER PEDAL
17	RP11-425010	ROD
18	RP11-425027	INVERTER LEVER

Index No.	Part Number	Description
19	RP11-332495	INVERTER LOCKING
20	RP11-5-102739	DOUBLE VALVE
21	RP11-433675	REGULATOR 1/8
22	RP11-524273	COMMAND SUPPORT
23	RP11-325030	TILTING PEDAL
24	RP11-452011	BUSH D.12X14X33,5
25	RP11-315268	RILSAN HOSE D.6X1 L.260mm
26	RP11-2-00211	WASHER FOR HEX CAP SCREW M6
27	RP11-257137	SINGLE VALVE
28	RP11-4-109664	INVERTER SPRING
29	RP11-2-00025	RETAINING RING FOR SHAFT D.12
30	RP11-2-01979	NUT WITH POLYAMIDE RING M6
31	RP11-2-00366	HEXAGON HEAD SCREW M6X40
32	RP11-2-01137	NUT WITH POLYAMIDE RING M8
33	RP11-2-00212	WASHER FOR HEX CAP SCREW M8
34	RP11-2-00411	HEXAGON HEAD SCREW M6X50
35	RP11-2-00312	SOCKET HEAD CAP SCREW M6X25
36	RP11-315286	WASHER D.6X22X0,5

FRAME



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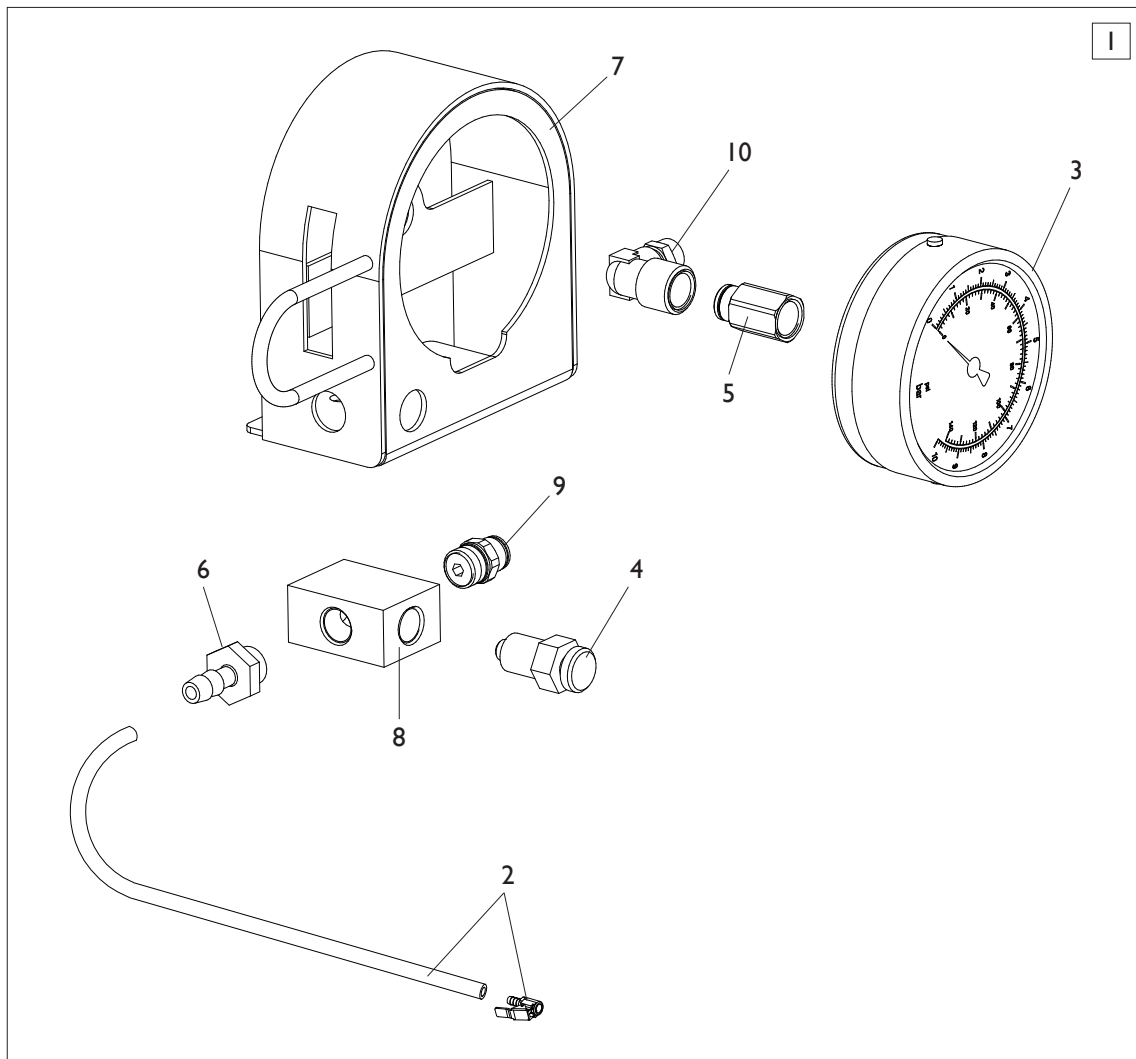
TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description
1	RP11-4-120530	ARM COVER
2	RP11-436199	RIM SUPPORT
3	RP11-422019	FOOT
4	RP11-318183	WASHER D.12,5X37,5X6
5	RP11-437830	CAP D.45X20X10
6	RP11-2-01037	HEXAGON HEAD CAP SCREW M10X30
7	RP11-4-120532	ARM PIN D.12 L.171.4mm
8	RP11-4-120531	REAR COVER
9	RP11-5-107492	SIDE PANEL WITH LABELS
10	RP11-2-01737	SCREW M10X30
11	RP11-4-120535	GREASER BRACKET
12	RP11-2-01225	HEXAGON HEAD CAP SCREW M12X25
13	RP11-2-00152	NUT M10
14	RP11-2-00113	NUT M10
15	RP11-2-00310	SOCKET HEAD CAP SCREW M6X20
16	RP11-2-00211	WASHER FOR HEX CAP SCREW M6
17	RP11-346545	PROTECTION
18	RP11-2-00375	HEXAGON HEAD CAP SCREW M8X30

Index No.	Part Number	Description
19	RP11-2-01885	SCREW M6X25
20	RP11-4-120534	SPACER D.12X7X7,5
21	RP11-4-120527	UPPER RIGHT COVER
22	RP11-4-120528	LOWER RIGHT COVER
23	RP11-4-120529	COVER
24	RP11-3094868	GREASER SUPPORT
25	RP11-5-107490	SET OF LABELS FOR TCX52
26	RP11-2-00430	HEXAGON HEAD SCREW 1/2F M10X65
27	RP11-2-00150	HEXAGON NUT M6
28	RP11-5-107493	PEDAL COVER
29	RP11-2-01137	NUT WITH POLYAMIDE RING M8
30	RP11-2-01979	NUT WITH POLYAMIDE RING M6
31	RP11-2-00679	WASHER D.6,6X18X1,6
32	RP11-4-120432	BUSH D.6,25X10X4
33	RP11-2-00298	HEXAGON SOCKET HEAD SCREW M5X20
34	RP11-4-402356	DECAL PEDALS
35	RP11-4-121040	TCX52 LABEL

INFLATION GROUP



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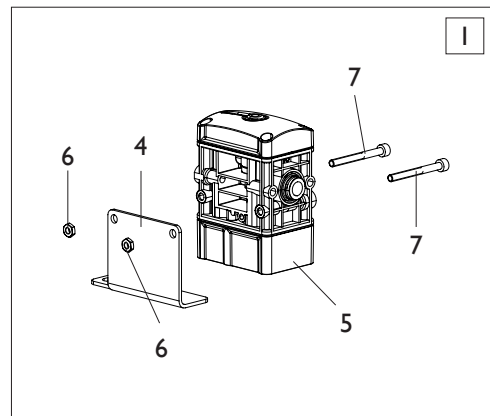
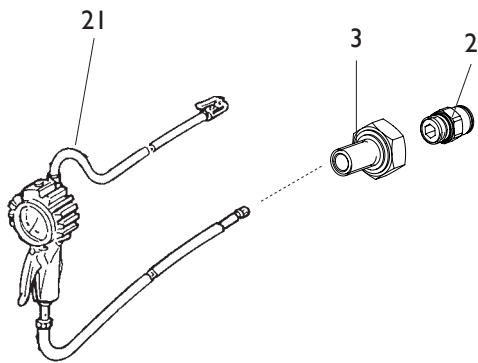
TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description
1	RP11-5-121273	BAR/PSI INFLATION BOX ASSEMBLY
2	RP11-262971	INFLATION HOSE
3	RP11-3-00490	PRESSURE GAUGE G1/4 0-10BAR
4	RP11-235463	PUSH-BUTTON
5	RP11-3-00261	D-FITTING G1/4F T6

Index No.	Part Number	Description
6	RP11-3-00007	FITTING G1/4
7	RP11-4-133580	GAUGE BOX
8	RP11-352586	BLOCK
9	RP11-3-00460	STRAIGHT MALE ADAPTOR G1/4 T.6
10	RP11-3-00103	L-FITTING-G1/4 T6

INFLATING GUN



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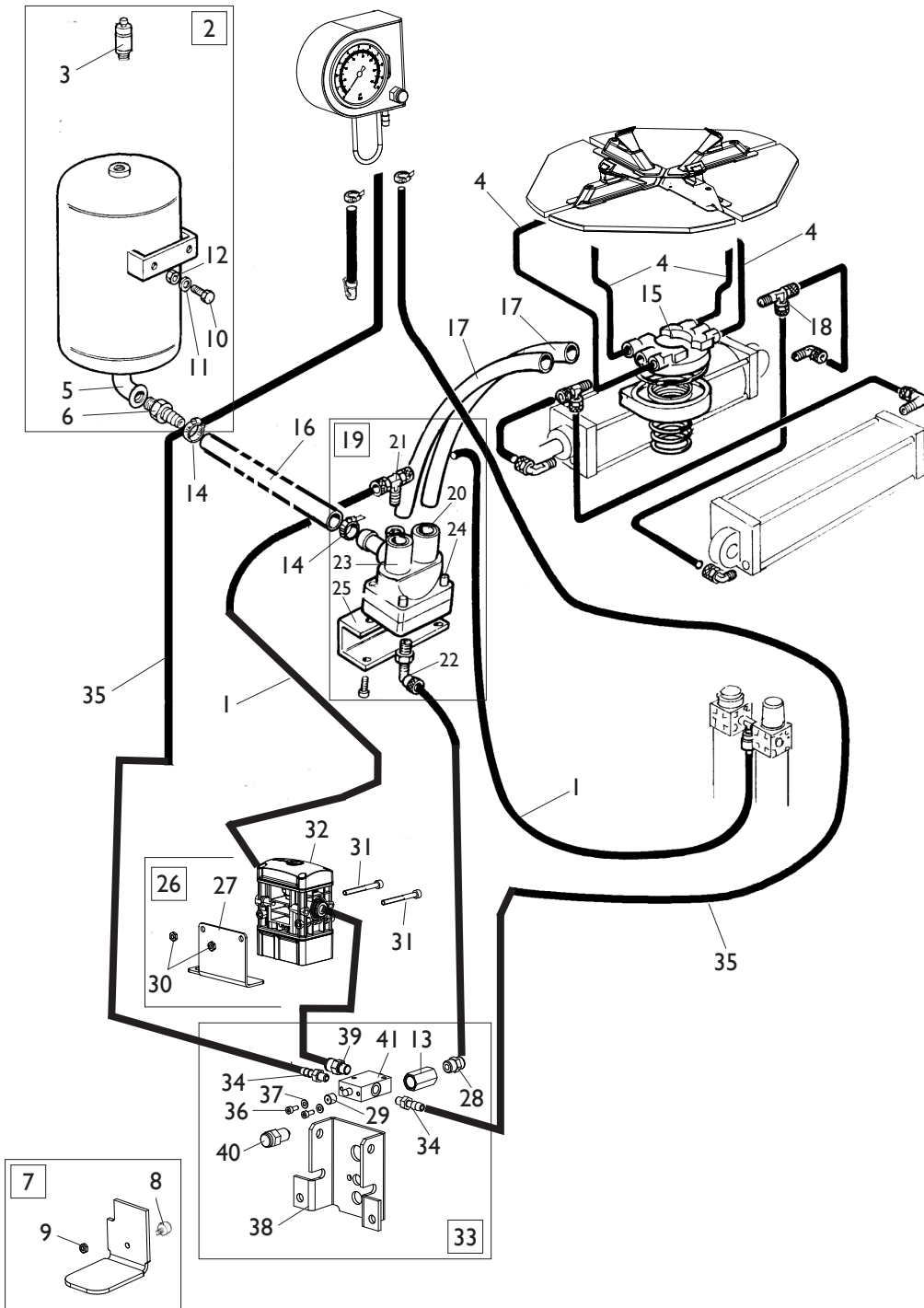
TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description
1	RP11-5-106703	VALVE ASSEMBLY
2	RP11-3-80087	D-FITTING-G1/4-T8
3	RP11-4-134036	D-FITTING-G1/4-T8
4	RP11-4-119680	VALVE SUPPORT

Index No.	Part Number	Description
5	RP11-3-03313	VALVE
6	RP11-2-02804	HEXAGON NUT M4
7	RP11-2-00851	HEX. SOCKET HEAD SCREW M4X40
8	RP11-3-10219	INFLATING GAUGE BAR/PSI

G.P. INFLATION GROUP

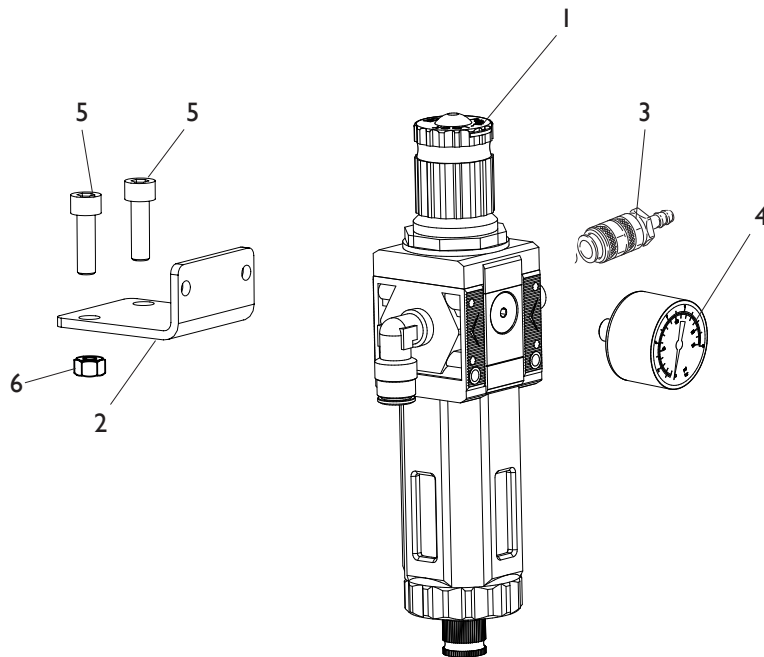


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Index No.	Part Number	Description
1	RP11-1-01683	RILSAN HOSE D.8-6
2	RP11-240968	TANK ASSEMBLY
3	RP11-3-00356	SAFETY VALVE G1/4"
4	RP11-1-04223	POLYURETHAN HOSE T10-7.5
5	RP11-438995	L-FITTING
6	RP11-337704	RESCA FITTING G1-TG26 L67
7	RP11-252625	INFLATION PEDAL
8	RP11-452624	VIBRATION DAMPING 20X11 M6X9
9	RP11-2-00150	HEXAGON NUT M6
10	RP11-2-00373	HEXAGON HEAD CAP SCREW M8X20
11	RP11-2-00212	WASHER D.8
12	RP11-2-00112	HEXAGON NUT M8
13	RP11-338576	SPACER 17X32
14	RP11-403751	HOSE CLAMP
15	RP11-241841	G.P. ROTATING JOINT
16	RP11-4-120537	RUBBER HOSE 25X37 L.320mm
17	RP11-342289	RILSAN HOSE 14X1 L.650mm
18	RP11-3-00117	TL-FITTING G1/8C T6/4
19	RP11-242290	G.P. INFLATION VALVE
20	RP11-3-02945	CARTRIGE
21	RP11-4-402799	T-FITTING G1/4C T8

Index No.	Part Number	Description
22	RP11-4-402798	L-FITTING G1/4C T8
23	RP11-243020	VALVE
24	RP11-2-02376	SOCKET HEAD CAP SCREW M6X40
25	RP11-342286	VALVE BRAKET
26	RP11-5-106703	VALVE ASSEMBLY
27	RP11-4-119680	VALVE SUPPORT
28	RP11-3-00460	STRAIGHT MALE ADAPTOR G1/4 T.6
29	RP11-352619	SPACER
30	RP11-2-02804	LOW NUT M4
31	RP11-2-00851	HEXAGON SOCKET HEAD SCREW M4X40
32	RP11-3-03313	VALVE
33	RP11-5-105676	INFLATION ASSEMBLY
34	RP11-3-00004	CLUTCH G1/8-T7
35	RP11-352614	RUBBER HOSE L.3500mm
36	RP11-2-00289	HEXAGON SOCKET HEAD SCREW M4X10
37	RP11-2-00209	WASHER FOR HEX CAP SCREW M4
38	RP11-352968	VALVE SUPPORT
39	RP11-3-00464	D-FITTING G1/8G T8
40	RP11-235463	PUSH-BUTTON
41	RP11-3-00365	VALVE 3/2 1/8

FILTER GROUP



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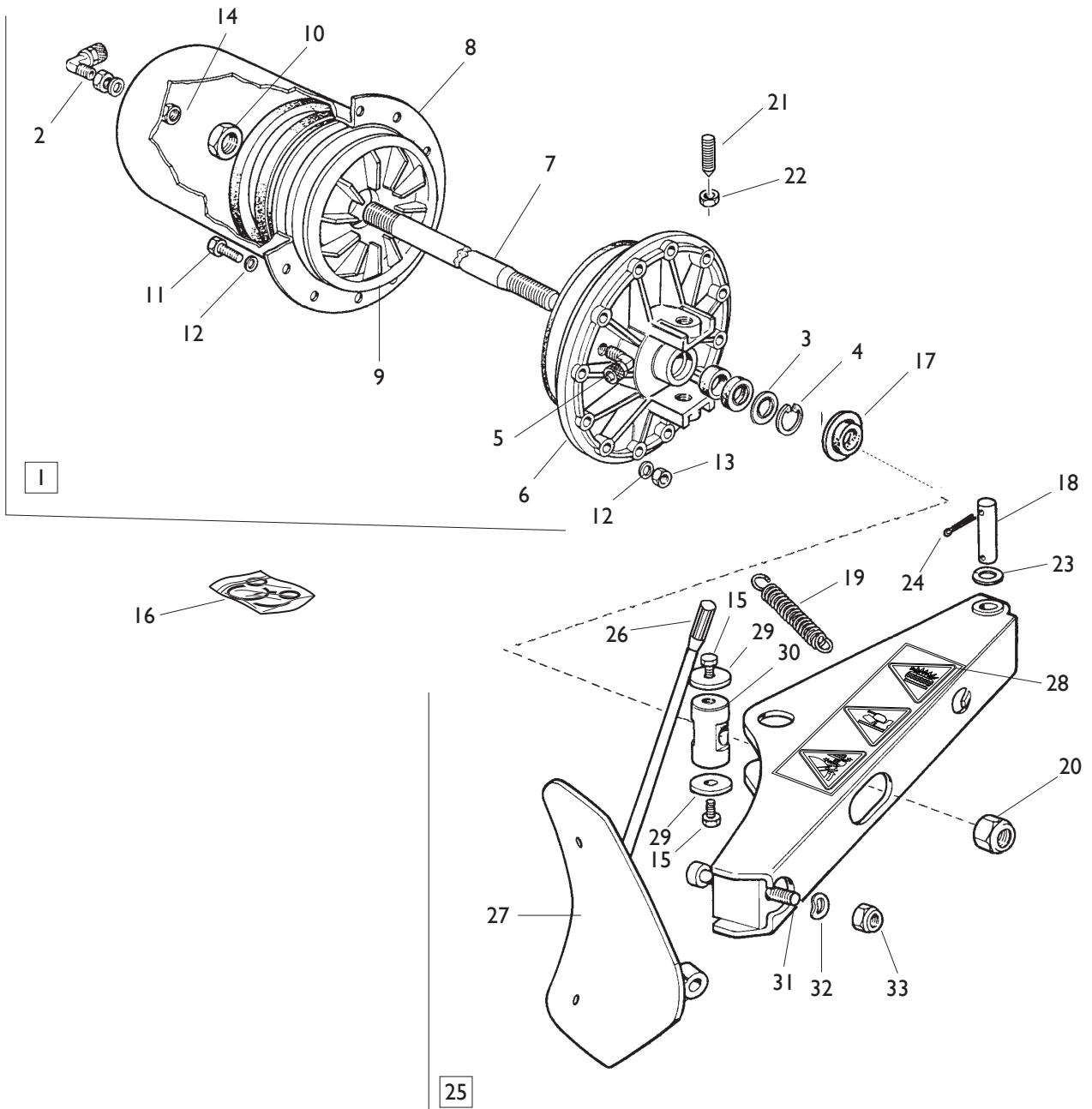
TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description
1	RP11-4-133446	FILTER ASSEMBLY (GAUGE NOT INCLUDED)
2	RP11-4-120533	FILTER BRACKET
3	RP11-3-00257	FITTING

Index No.	Part Number	Description
4	RP11-3-00488	MANOMETER G1/8 0-12BAR
5	RP11-2-01800	SOCKET HEAD CAP SCREW M4X50
6	RP11-2-71506	NUT M4

BEAD BREAKING GROUP



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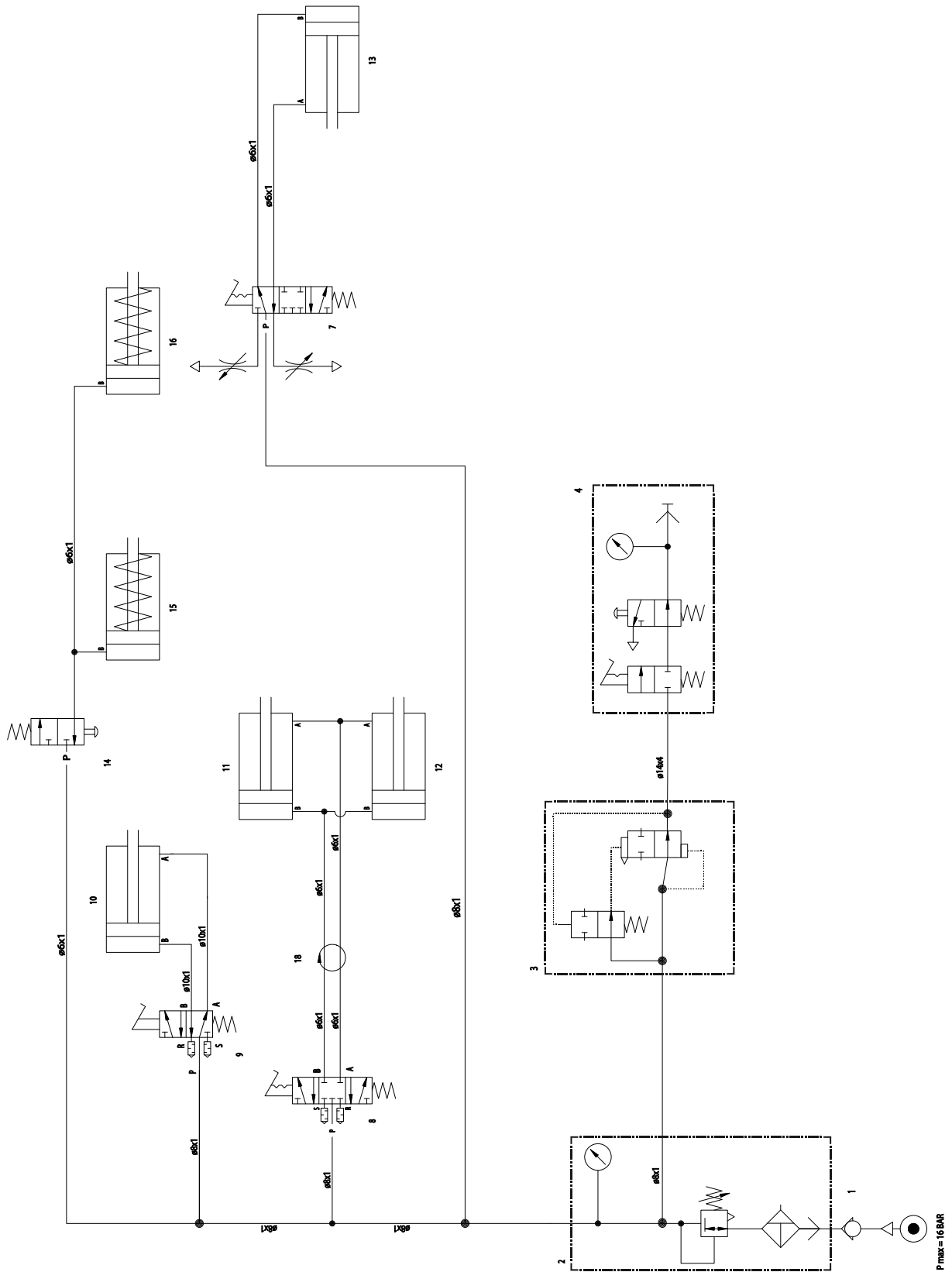
TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Part Number	Description
1	RP11-5-100483	BEAD BREAKER CYLINDER D.186
2	RP11-3-00517	ORIENTING ELBOW FITTING 1/4 10
3	RP11-325561	WASHER D.24X29,8X0,5
4	RP11-434031	RETAINING RING FOR BORE D.30
5	RP11-3-00222	L-FITTING G1/4C T10
6	RP11-351905	FLANGE D.186
7	RP11-4-101627	STEM D.20X475
8	RP11-330190	CYLINDER D.186
9	RP11-337848	PISTON D.186X44
10	RP11-2-00989	HEXAGON NUT M18X1,5
11	RP11-2-00310	SOCKET HEAD CAP SCREW M6X20
12	RP11-2-00211	WASHER FOR HEX CAP SCREW M6
13	RP11-436779	AUTOLOCKING HEXAGON NUT M6
14	RP11-333524	NUT 1/4
15	RP11-2-00372	HEXAGON HEAD CAP SCREW M8X16
16	RP11-238212	SPACER
17	RP11-424096	BUMPER

Index No.	Part Number	Description
18	RP11-323903	FULCRUM PIN
19	RP11-424364	SPRING D.23X3X67
20	RP11-2-01242	SELF-LOCKING NUT M18X1.5
21	RP11-431864	SPECIAL SCREW M14X42
22	RP11-2-00992	HEXAGON NUT M14
23	RP11-2-01045	WASHER D.16
24	RP11-435055	PLUG D.2X40
25	RP11-5-121493	BEAD BREAKER ASSEMBLY
26	RP11-425219	KNOB
27	RP11-224000	BEAD BREAKER
28	RP11-4-402361	DECAL WARNING BEAD BREAKER ARM
29	RP11-323901	WASHER D. 8,25X40X3
30	RP11-323902	PIN
31	RP11-324008	SPECIAL SCREW M12X90
32	RP11-2-02249	ELASTIC WASHER 13X24
33	RP11-422255	SELF-LOCKING NUT M12

PNEUMATIC DIAGRAM



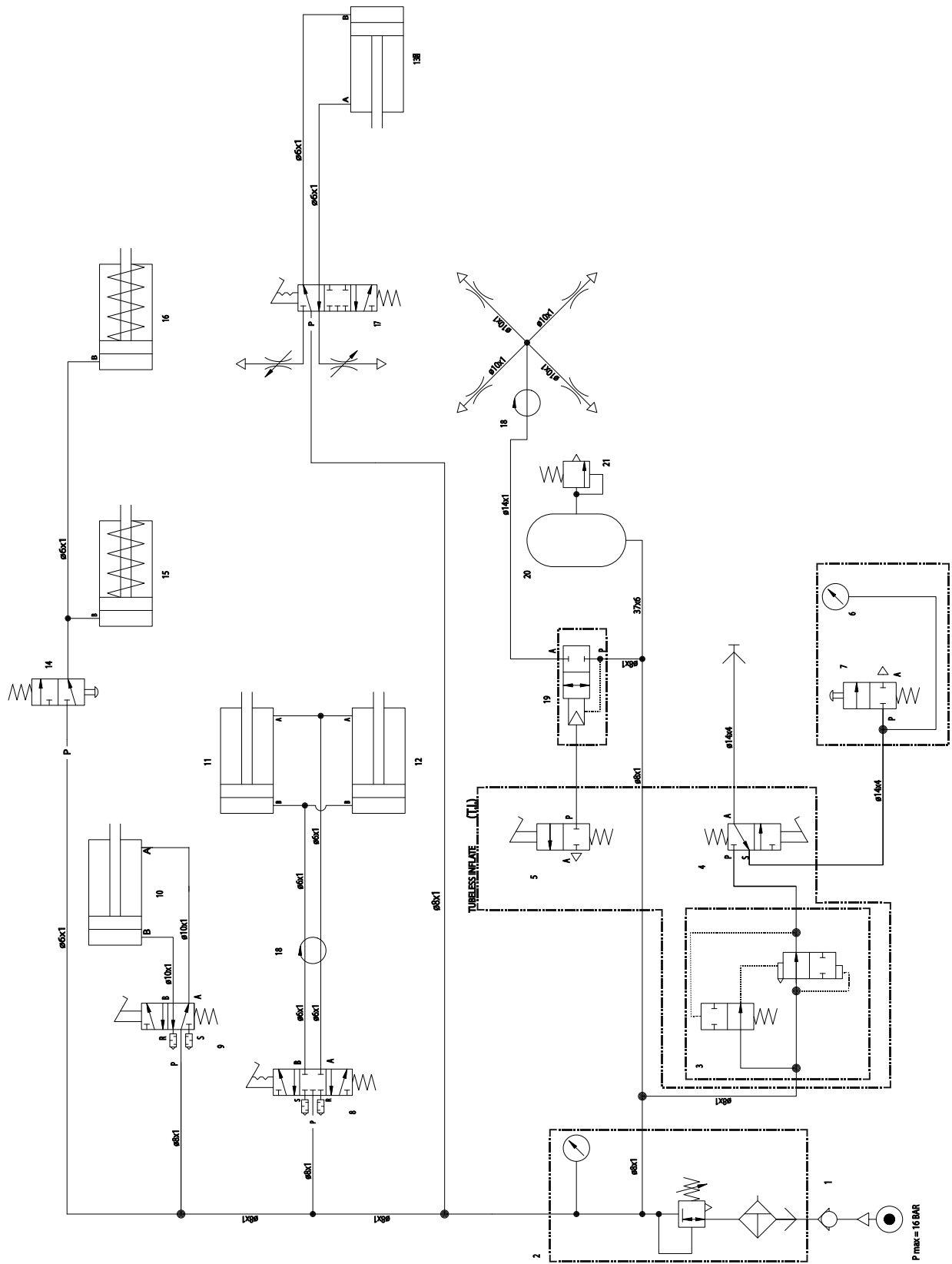
[RETURNS TO OVERALL](#)

TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Description
1	Safety valve G 1/4" 11 bar
2	Water separator and pressure regulator
3	Quick inflating valve G 1/4"
4	Tyre inflating gun-&-gauge
7	Tilting column valve
8	Complete self-centering chuck valve
9	Complete bead-breaker valve
10	Bead-breaker cylinder
11	Self-centering chuck cylinder
12	Self-centering chuck cylinder
13	Tilting column cylinder
14	Handle control
15	Vertical arm locking cylinder
16	Horizontal arm locking cylinder
18	Complete rotating union

PNEUMATIC DIAGRAM GP VERSION



[RETURNS TO OVERALL](#)

TCX52 Tire Changer

REFER TO NEXT SHEET FOR PARTS DESCRIPTION LISTING

Index No.	Description
1	Safety valve G 1/4" 11 bar
2	Water separator and pressure regulator
3	Quick inflating valve G 1/4"
4	Tyre inflating valve
5	Inflating valve
6	Manometer
7	Push-button
8	Complete self-centering chuck valve
9	Complete bead-breaker valve
10	Bead-breaker cylinder
11	Self-centering chuck cylinder
12	Self-centering chuck cylinder
13	Tilting column cylinder
14	Handle control
15	Vertical arm locking cylinder
16	Horizontal arm locking cylinder
17	Tilting column valve
18	Complete rotating union
19	Complete inflating valve
20	Air tank
21	Safety valve

IPH WIRE DIAGRAM

- XS1** Power socket
- QS1** Inverter
- M1** Single phase motor
- R1** Resistor
- C1** Capacitor
- FU** Fuse

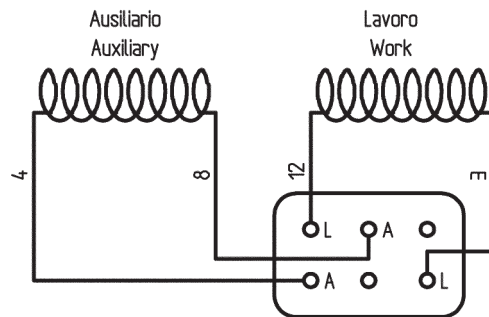
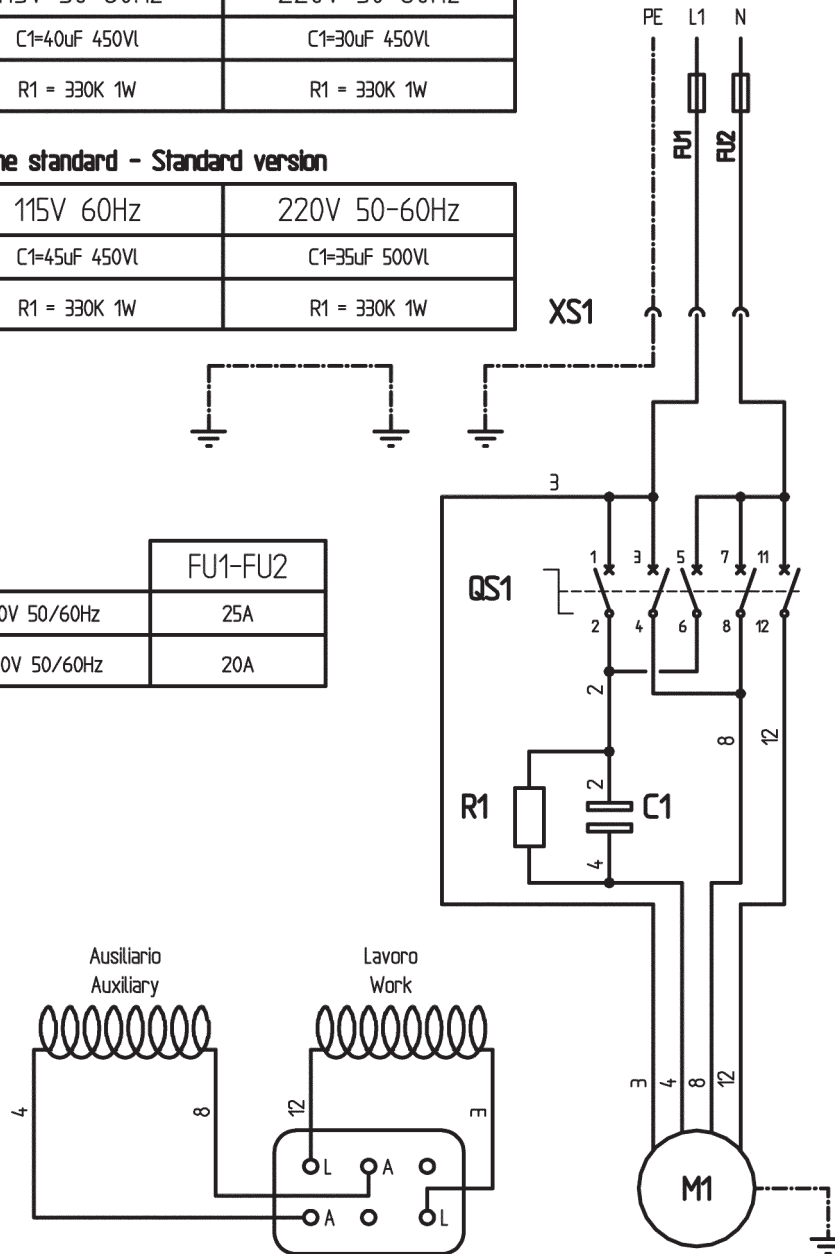
Solo versione CSA - CSA version only

115V 50-60Hz	220V 50-60Hz
C1=40uF 450VL	C1=30uF 450VL
R1 = 330K 1W	R1 = 330K 1W

Versione standard - Standard version

115V 60Hz	220V 50-60Hz
C1=45uF 450VL	C1=35uF 500VL
R1 = 330K 1W	R1 = 330K 1W

	FU1-FU2
110V 50/60Hz	25A
220V 50/60Hz	20A



Schema cablaggio morsettiera
 Wiring diagram terminal-blok

[RETURNS TO OVERALL](#)