



nifty

120T **TM34T**



niftylift.com

M50120/12



Issue 12
(October 2011)

illustrated parts manual

Manuel illustré de pièces détachées

Illustrierte Stückliste

Manual de piezas ilustrado

Please Note, at the time of going to press, all information, illustrations details and descriptions contained herein are valid. Niftylift reserves the right to change, alter, modify or improve its products without any obligation to install them on previously manufactured machines.

Readers of this manual requiring further information should contact us at:

Niftylift Ltd.
Fingle Drive
Stonebridge
Milton Keynes
MK13 OER
United Kingdom

Niftylift Inc.
32 Concourse Way
Greer
SC 29651
USA

Tel +44 (0)1908 857899
 Fax +44 (0)1908 227460

1 864 968 8881
 1 864 968 8836

Ordering of Parts

When ordering a replacement part for your Niftylift product, please state the following:

- Machine Model and Serial number Niftylift Part number
- Full description of the part Quantity required
- Purchase Order number Destination address

Machine Information

Model number. Date of Purchase

Serial number

Veuillez noter qu'au moment de la mise sous presse, l'ensemble des informations, illustrations, détails et descriptions, contenus dans le présent document, sont valides. Niftylift se réserve le droit de changer ou d'améliorer ses produits sans obligation de montage sur les anciennes machines.

Pour toutes informations supplémentaires, veuillez nous contacter à:

Niftylift Ltd.
Fingle Drive
Stonebridge
Milton Keynes
MK13 OER
United Kingdom

Niftylift Inc.
32 Concourse Way
Greer
SC 29651
USA

Tel +44 (0)1908 857899
 Fax +44 (0)1908 227460

1 864 968 8881
 1 864 968 8836

Commande de pièces

Lors de la commande de pièces de rechange pour votre machine Niftylift, veuillez indiquer ce qui suit:

- Modèle et numéro de série de la machine Référence de la pièce Niftylift
- Description complète de la pièce Quantité requise
- Numéro de commande Adresse de destination

Informations relatives à la machine

Numéro de modèle Date d'achat

Numéro de série



Bitte nehmen Sie zur Kenntnis, dass alle hierin enthaltenen Informationen, Illustrationen und Beschreibungen zum Zeitpunkt des Drucks gültig sind. Niftylift behält sich das Recht vor, Produkte zu wechseln, ändern, modifizieren und zu verbessern, ohne verpflichtet zu sein, sie an früher gefertigten Maschinen zu installieren.

Wenn Leser dieser Anleitung weitere Informationen benötigen, wenden sie sich bitte an uns unter:

Niftylift Ltd.
Fingle Drive
Stonebridge
Milton Keynes
MK13 OER
Großbritannien

Niftylift Inc.
32 Concourse Way
Greer
SC 29651
USA

Tel +44 (0)1908 857899
 Fax +44 (0)1908 227460

1 864 968 8881
 1 864 968 8836

Bestellen von Ersatzteilen

Bei der Bestellung eines Ersatzteils für Ihr Produkt von Niftylift geben Sie bitte folgende Einzelheiten an:

- | | |
|---------------------------------------|---------------------|
| • Maschinenmodell und Seriennummer | Niftylift Art.-Nr. |
| • Ausführliche Beschreibung des Teils | Erforderliche Menge |
| • Bestellnummer | Bestimmungsadresse |

Maschineninformationen

Modellnummer Kaufdatum.
 Seriennummer.

Por favor, observe que en el momento de pasar a imprenta, toda la información, ilustraciones y descripciones contenidas en el presente documento eran válidas. Niftylift se reserva el derecho de cambiar, alterar, modificar o mejorar sus productos, sin obligación alguna de instalar dichos cambios en máquinas fabricadas anteriormente.

Los usuarios de este manual que requieran más información, deberán ponerse en contacto con nosotros en:

Niftylift Ltd.
Fingle Drive
Stonebridge
Milton Keynes
MK13 OER
United Kingdom

Niftylift Inc.
32 Concourse Way
Greer
SC 29651
USA

Tel +44 (0)1908 857899
 Fax +44 (0)1908 227460

1 864 968 8881
 1 864 968 8836

Pedido de piezas

Al realizar el pedido de una pieza de recambio para su producto Niftylift, sírvase especificar lo siguiente:

- | | |
|--|---------------------------|
| • Modelo y número de serie de la máquina | Número de pieza Niftylift |
| • Descripción completa de la pieza | Cantidad requerida |
| • Número de orden de compra | Dirección de destino |

Información de la máquina

Número de modelo Fecha de compra
 Número de serie



Parts Order Form (make copies for use)

niftylift**Bon de commande de pièces** (Faire des photocopies pour vos commandes ultérieures)

tel +44 (0)1908 857899

Bestellformular für Ersatzteile (bitte Kopien zur zukünftigen Verwendung machen)

fax +44 (0)1908 227460

Impreso de pedido de piezas (haga copias para el uso)

www.niftylift.com

name nom name nombre**date** date datum fecha**address** adresse adresse dirección

delivery address

adresse de livraison

lieferadresse

dirección de entrega

telephone téléphone tel.-Nr. teléfono**fax** fax-Nr.**email** e-mail**purchase order number**

numéro de commande

bestellnummer

número de orden de compra

Part Number Référence pièce Art.-Nr. Número de pieza	description description beschreibung descripción	quantity quantité menge cantidad	price prix preis precio
P			
P			
P			
P			
P			
P			
P			
P			

Note: If items have decals/labels attached, these are **not included** (unless stated otherwise), they must be ordered separately using the part (P) number printed on the decal.

Remarque : si les composants sont dotés d'autocollants/étiquettes, ceux-ci **ne sont pas inclus** (sauf avis contraire). Ils doivent être commandés séparément en indiquant le numéro de référence (P) imprimé sur l'autocollant.

Anmerkung: Wenn an Gegenständen Klebebilder/Etiketten angebracht sind, sind diese (sofern nicht anders angegeben) **nicht enthalten** und müssen separat mit Hilfe der auf den Klebebildern abgedruckten Teilenummern (P) bestellt werden.

Nota: Si los artículos llevan acopladas calcomanías/etiquetas, éstas **no se incluirán** (a menos que se indique lo contrario); deberán pedirse por separado utilizando el número de pieza (P) impreso en la calcomanía.

Alternatively, details of your order can be emailed to **service@niftylift.com**

Alternativement, le détail de votre commande peut nous être envoyé par email à **service@niftylift.com**

Als Alternative können Sie Ihre Bestellung auch an **service@niftylift.com** senden

Alternativamente, los detalles de su pedido pueden enviarse por e-mail a **service@niftylift.com**

1

chassis

page

1.1	Base assembly	1-2
1.2	Traction drive assembly	1-6
1.3	Stabiliser assembly	1-8
1.4	Tow coupling assembly	1-10
1.5	Jockey wheel assembly	1-12
1.6	Heavy duty jockey wheel	1-14
1.7	Lighting assemblies	1-16
1.8	Wheel hub assembly	1-18
1.9	Wheel hub assembly (Traction drive)	1-20
1.10	Valve block (Traction drive)	1-22

2

superstructure

page

2.1	Power tray (P/D/E/PE)	2-2
2.2	Power tray (AC/DC)	2-6
2.3	Power tray (AC)	2-10
2.4	Slew assembly	2-12
2.5	Control valve assembly (3 spool)	2-14
2.6	Control valve assembly (4 spool)	2-16
2.7	Button box assemblies	2-18
2.8	PCB Control box	2-20
2.9	AC transformer box	2-22
2.10	AC/DC transformer box	2-24
2.11	DC Power pack	2-26
2.12	AC Power pack	2-28
2.13	DC Power pack (AC/DC machine)	2-30
2.14	Battery charger (UK)	2-32
2.15	Battery charger (Euro/Aus & USA)	2-34

3

boom assemblies

page

3.1	Booms assembly	3-2
3.2	Lift cylinder	3-6
3.3	Levelling cylinder	3-8
3.4	Telescope cylinder	3-10
3.5	Energy Chain	3-12

4

cage

page

4.1	Cage assembly	4-2
4.2	Cage assembly (Fibreglass)	4-4

4.3	Cage weigh assembly (Spring)	4-6
4.4	Cage weigh assembly (Load Cell)	4-8
4.5	Control valve assembly (5 spool)	4-10
4.6	Button box assemblies	4-12

5
labelling
page

5.1	Label locations 120T	5-2
5.2	Label locations TM34T	5-16

6
hydraulic hoses
page

6.1	Hose kit 120T (TM34T)	6-2
6.2	Traction Drive kit (P14205)	6-6

Figures
page

1.1	Base assembly	1-3
1.2	Traction drive assembly	1-7
1.3	Stabiliser assembly	1-9
1.4	Tow coupling assembly	1-11
1.5	Jockey wheel assembly	1-13
1.6	Heavy duty jockey wheel	1-15
1.7	Lighting assemblies	1-17
1.8	Wheel hub assembly	1-19
1.9	Wheel hub assembly (Traction drive)	1-21
1.10	Valve block assembly (Traction drive)	1-23
2.1	Power tray (P/D/E/PE)	2-3
2.2	Power tray (AC/DC)	2-7
2.3	Power tray (AC)	2-11
2.4	Slew assembly	2-13
2.5	Control valve assembly (3 spool)	2-15
2.6	Control valve assembly (4 spool)	2-17
2.7	Button box assembly	2-19
2.8	PCB Control box	2-21
2.9	AC transformer box	2-23
2.10	AC/DC transformer	2-25
2.11	DC Power pack	2-27
2.12	AC Power pack	2-29
2.13	DC Power pack (AC/DC machine)	2-31
2.14	Battery charger (UK)	2-33
2.15	Battery charger (Euro/Aus & USA)	2-35

table des matières
inhaltsverzeichnis
tabla del contenido

contents
vii

3.1	Booms assembly	3-3
3.2	Lift cylinder	3-7
3.3	Levelling cylinder	3-9
3.4	Telescope cylinder	3-11
3.5	Energy Chain	3-13
4.1	Cage assembly	4-3
4.2	Cage assembly (Fibreglass)	4-5
4.3	Cage weigh assembly (Spring)	4-7
4.4	Cage weigh assembly (Load cell)	4-9
4.5	Control valve assembly (5 spool)	4-11
4.6	Button boxes	4-13
5.1	Label locations 120T	5-3
5.2	Label locations TM34T	5-17
5.2	Labels (1-32)	5-18
5.3	Labels (33-50)	5-19
6.1	Hose kit 120T (TM34T)	6-3

Issue Records

Chapter	Pages	Issue	Date	Comments/Changes
Introduction	8	12	11/2011	Twelfth issue
1	24	10	12/2011	Revisions on pages 1-14/15
2	36	12	04/2012	Revised for 'Control valve (4 spool)' Pages 2-2 to 2-17
3	14	11	11/2011	Revised for 'Lift Cylinder' Pages 3-6/7
4	14	10	11/2010	Revisions on Pages 4-6 to 4-9
5	20	3	04/2006	Third issue
6	6	2	04/2006	Second issue

* When ordering parts for machines other than the stated serial number,
it is advisable to contact the Parts Department;

United Kingdom

Tel +44 (0)1908 857899
Fax +44 (0)1908 227460
Email service@nifylift.com

USA

1 864 968 8881
1 864 968 8836
niftyusa@nifylift.com



nifty



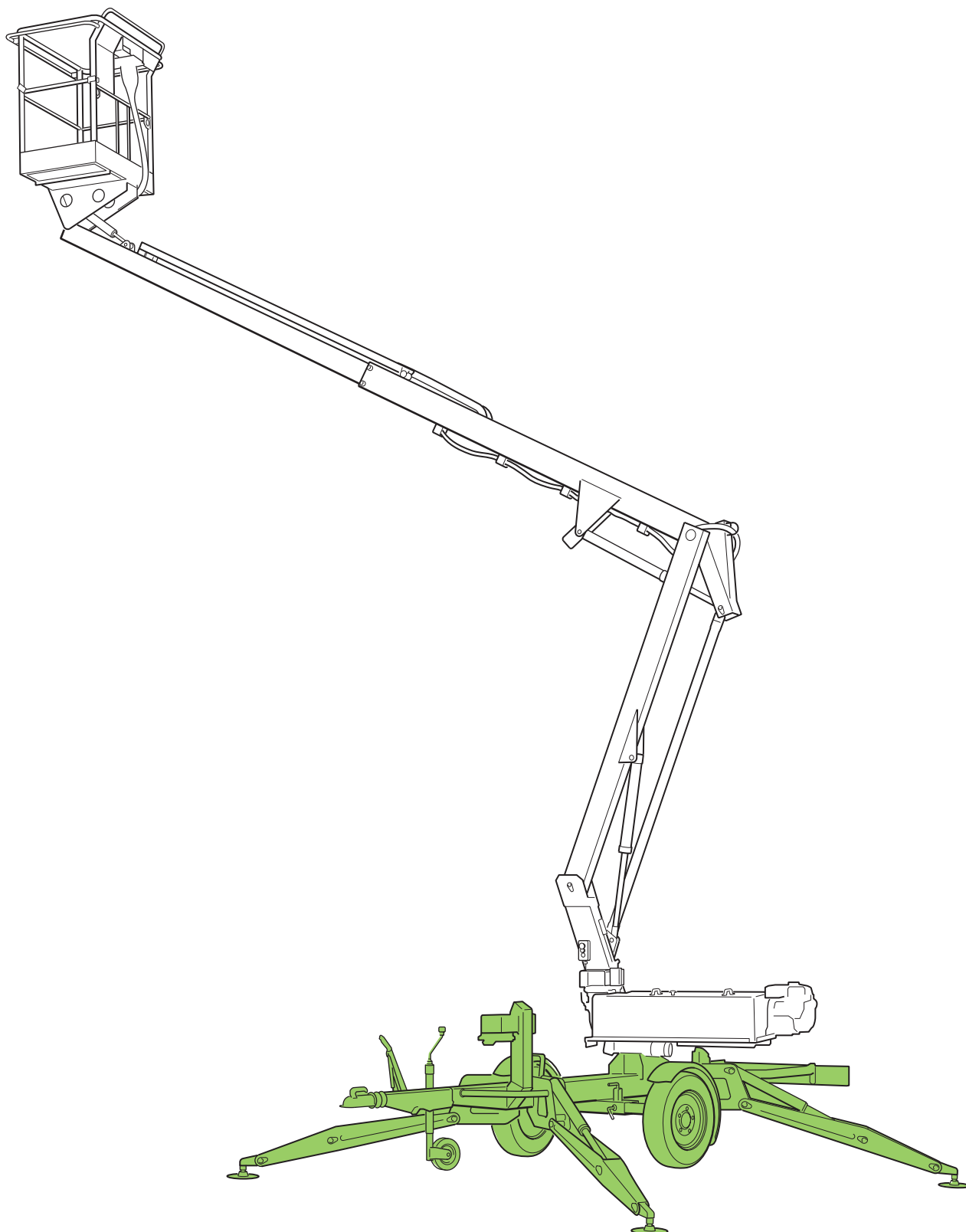
120T (TM34T)

illustrated parts manual

Manuel illustré de pièces détachées

Illustrierte Stückliste

Manual de piezas ilustrado



1

chassis assembly

french
german
spanish



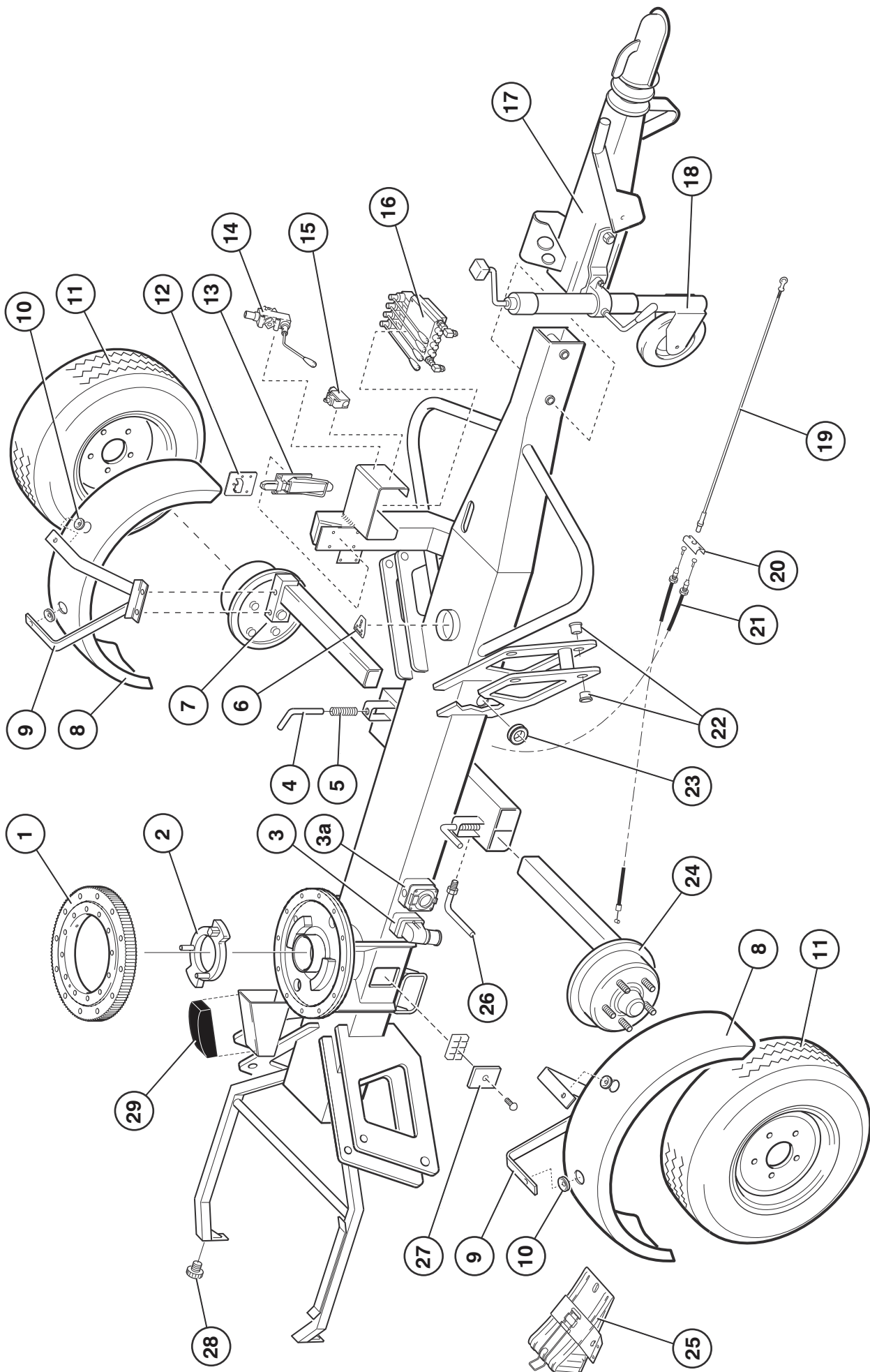
1.1 Base assembly

Item	Description	Part Number
------	-------------	-------------

1	Slew ring	P16817
2	Slew stop	P20046
3	Socket inlet - 240v 110v (a) Australia ONLY	P10174 P10750 P18303
4	Locating Pin	P11377
5	Spring	P10003
6	Spirit level	P10228
7	Axle assy LH	P15075
8	Mudguard	P12818
9	Bracket - Mudguard	P15090
10	Rubber grommet	P15087
11	Wheel & Tyre	P12669
12	Bracket - Boom latch	P20049
13	Boom latch	P11392
14	Valve - Manual selector Lever ONLY Rubber gaiter	P12578 P18090 P19119
15	Micro switch	P11252
16	Control valve See "Control valve assembly (4 spool)" on page 2-16	P15518
17	Tow coupling Tow coupling - USA See "Tow coupling assembly" on page 1-12	P10064 P11513
18	Jockey wheel Jockey wheel - USA See "Jockey wheel assembly" on page 1-14	P10065 P25035
19	Brake rod (850mm)	P18918
20	Balance bar	P70080
21	Brake cable	P10124

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

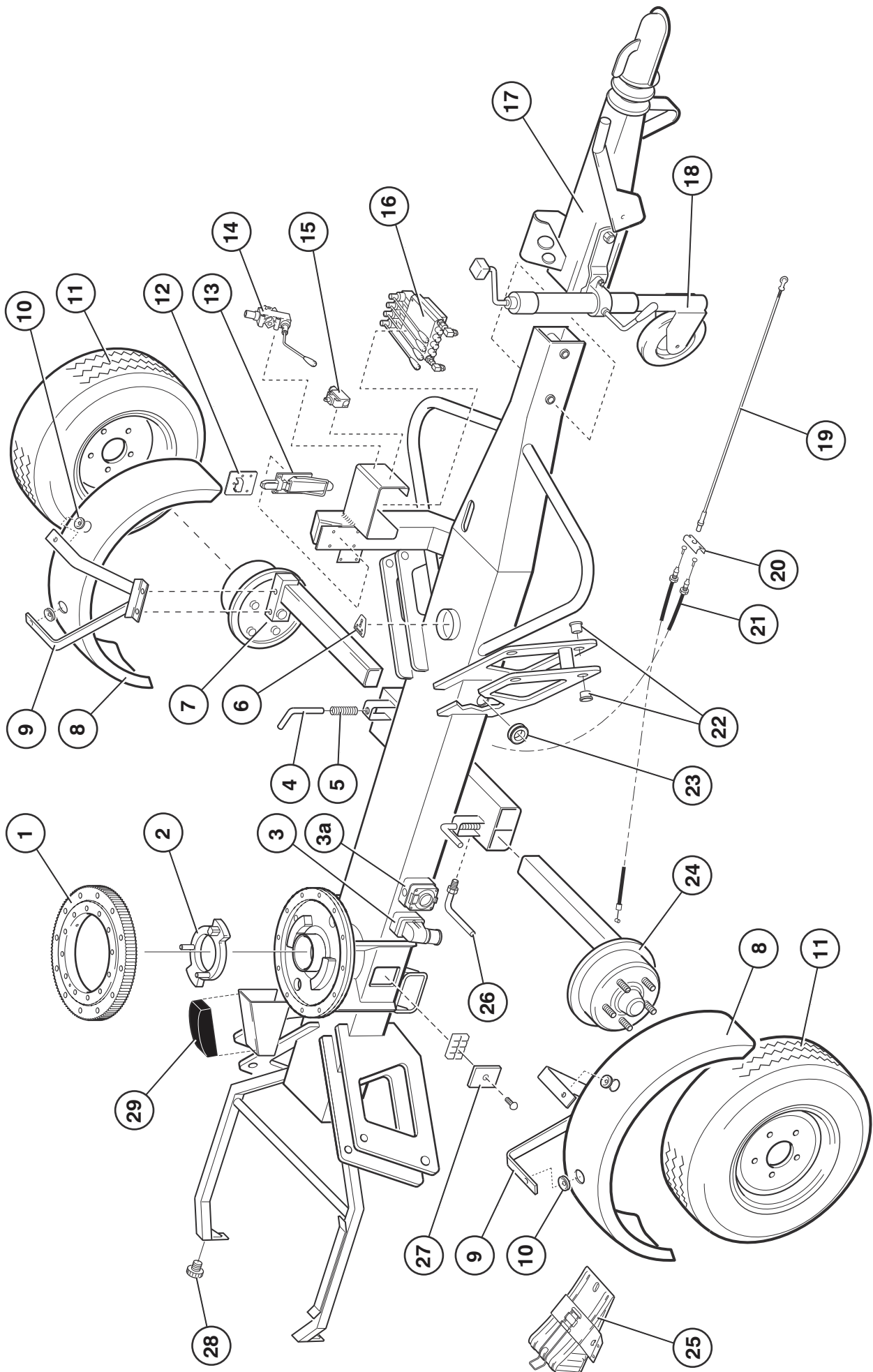
1-3

1.1 continued

Item	Description				Part Number
22	Bush				P12863
23	Grommet				P11283
24	Axle assy RH				P15076
25	Wheel chock				P10729
26	Axle locking bolt				P10007
27	Cap				P10443
28	Knob				P10830
29	Rubber boom rest				P10611

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

1-5

1.2 Traction drive assembly

Item Description

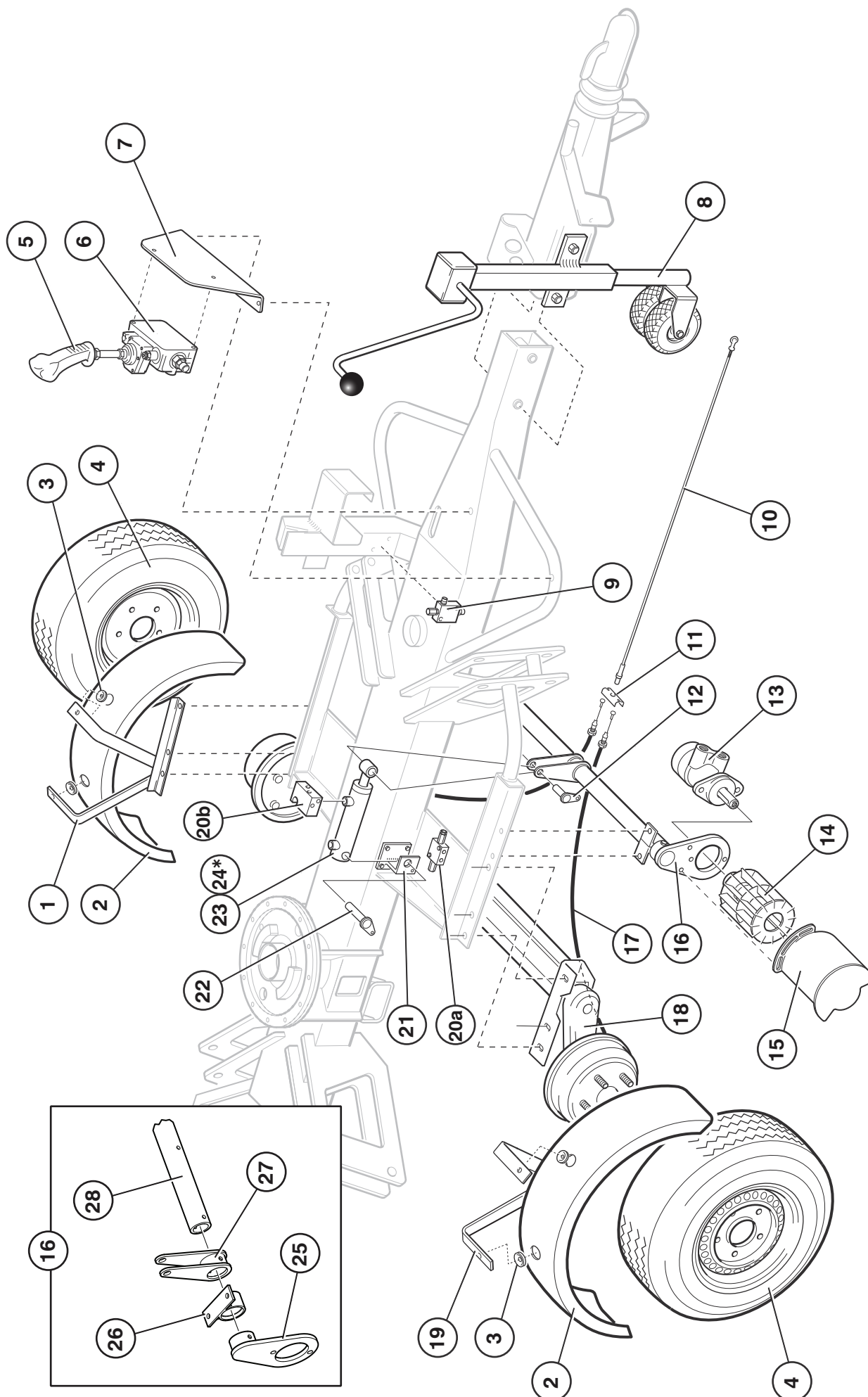
Part Number

1	Mudguard bracket LH				P15111
2	Mudguard				P12818
3	Rubber grommet				P15087
4	Wheel and tyre				P13086
5	Joystick				P16125
6	Valveblock <i>See "Valve block (Traction drive)" on page 1-24</i>				P14395
7	Bracket - Valveblock				P13872
8	Jockey wheel <i>See "Heavy duty jockey wheel" on page 1-16</i>				P25036
9	Relief valve Cartridge ONLY				P16548 P22324
10	Brake rod (1700mm)				P16892
11	Balance bar				P19822
12	Pivot pin - 58mm				P13870
13	Drive motor				P14257
14	Drive barrel				P16074
15	Cover - RH * LH				P17047 P17046
16	Drive unit				P15875
17	Brake cable				P15328
18	Axle assembly				P13875
19	Mudguard bracket RH				P15112
20	Check valve (a) (b)				P10665 P12717
21	Bracket				P13868
22	Pivot pin - 83mm				P13869

* Not illustrated

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

1-7

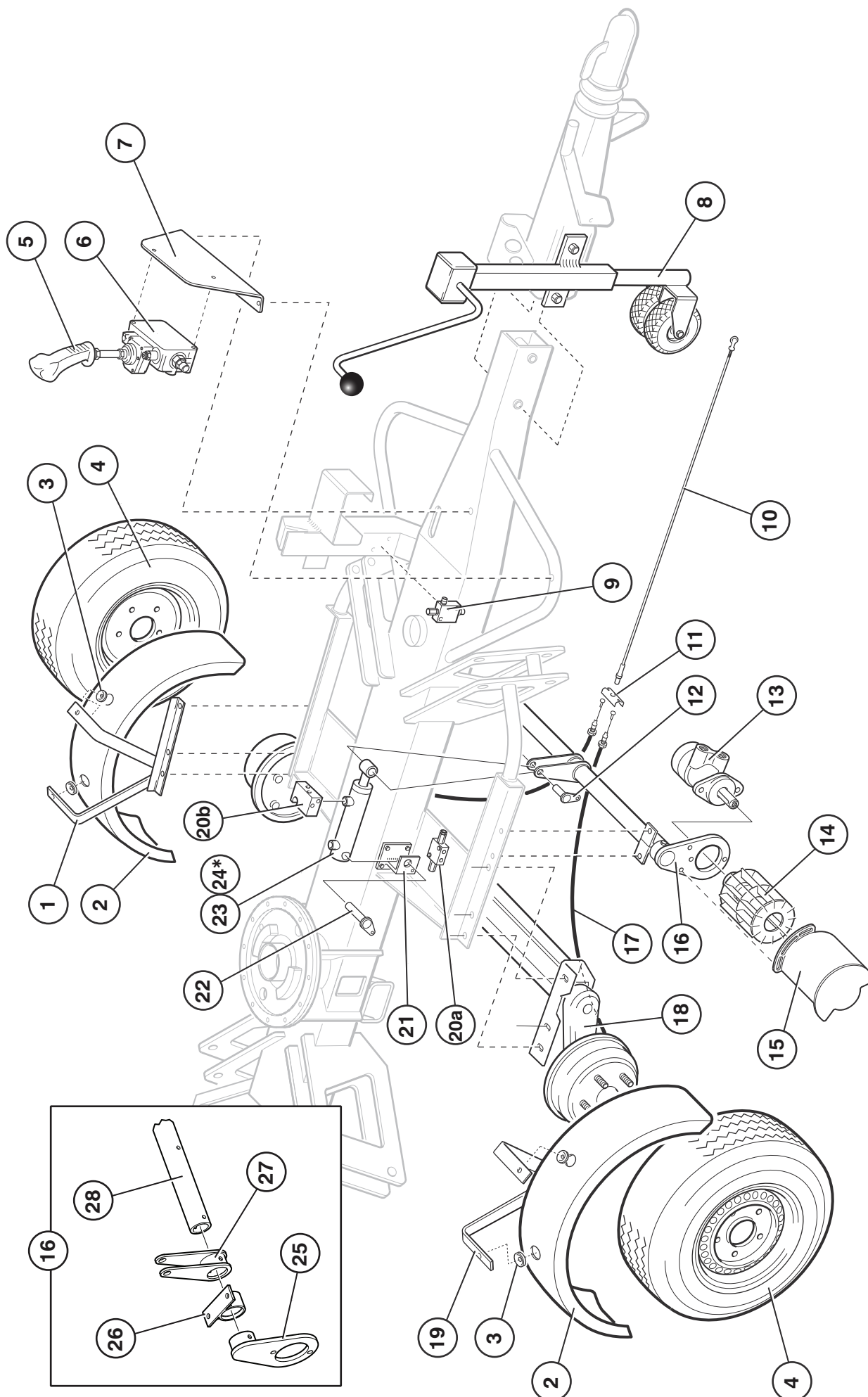
Figure 1.2 Traction drive assembly

1.2 continued

Item	Description				Part Number
23	Engage cylinder				P11313
24 *	Seal kit for item 23				P12499
25	Crank				P13864
26	Bearing				P13862
27	Pivot arm				P13865
28	Shaft				P13861

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

1-9

Figure 1.2 Traction drive assembly

1.3 Stabiliser assembly

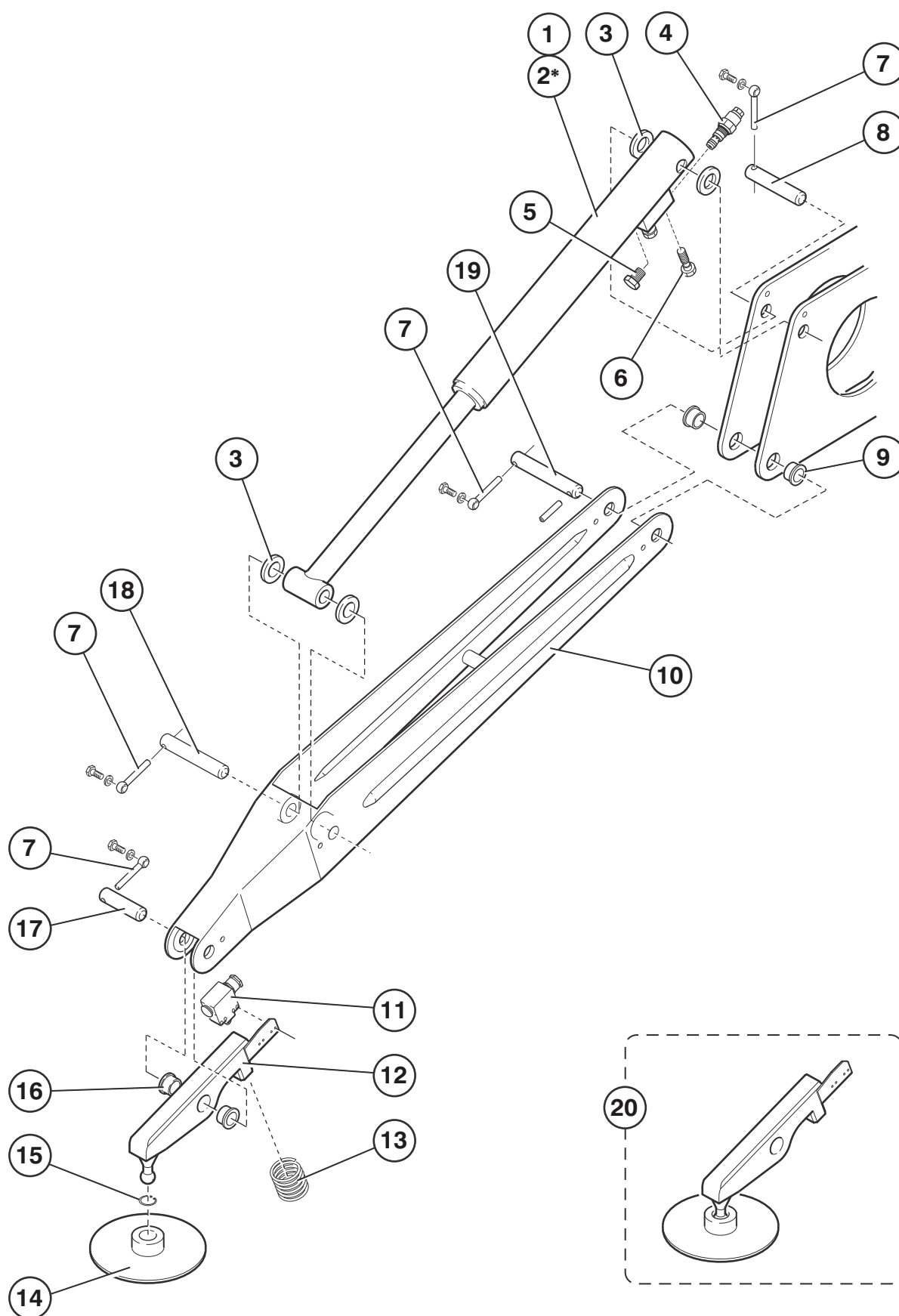
Item	Description	Part Number
------	-------------	-------------

1	Cylinder				P11866
2 *	Seal kit for item 1				P12400
3	Plastic washer				P10035
4	Load valve				P11956
5	Valve (cartridge)				P17317
6	Banjo bolt (1mm restrictor)				P14181
7	Swing bolt				P15966
8	Pin -127mm				P12952
9	Bush				P12863
10	Stabiliser				P12419
11	Micro switch				P18937
12	Rocker arm				P17346
13	Spring				P12297
14	Swivel foot				P17345
15	Spring clip				P18113
16	Bush - Nylon				P12298
17	Pin - 94mm				P12953
18	Pin - 146mm				P12955
19	Pin - 166mm				P17355
20	Rocker arm assembly				P17463

* Not illustrated

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

1.4 Tow coupling assembly

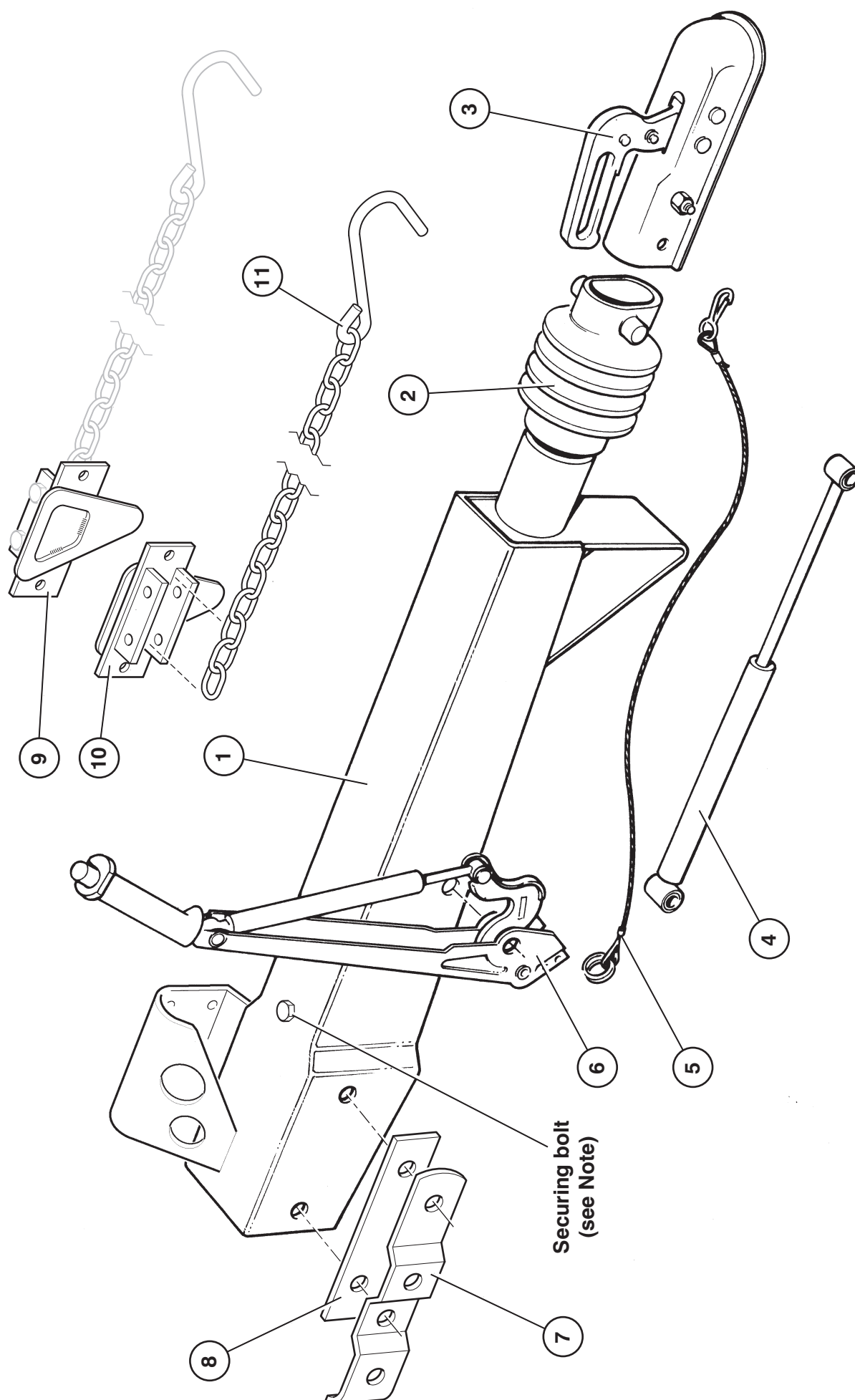
Item	Description				Part Number
1	Tow coupling assy				P10064
	Tow coupling assy (USA only)				P11513
	Tow coupling assy* (50mm ring)				P23415
2	Gaiter				P70057
3	Coupling head				P70059
	Coupling head (USA only)				P11630
	Coupling Ring* (40 mm)				P22841*
4	Drawtube damper (see note below)				P11284 P70053
5	Breakaway cable				P70061
6	Handbrake and damper				P11874
7	Plate - Jockey wheel				P70098
8	Spacer				P13064
9	Anti-rotation plate LH				P21504
10	Anti-rotation plate RH				P21503
11	Breakaway chain (USA/Australia ONLY)				P21275

* Not illustrated

Note: If dimension of securing bolt head (A/F) is 3/4" use P11284,
if 15/16" use P70053

french
german
spanish

chassis assembly



french
german
spanish

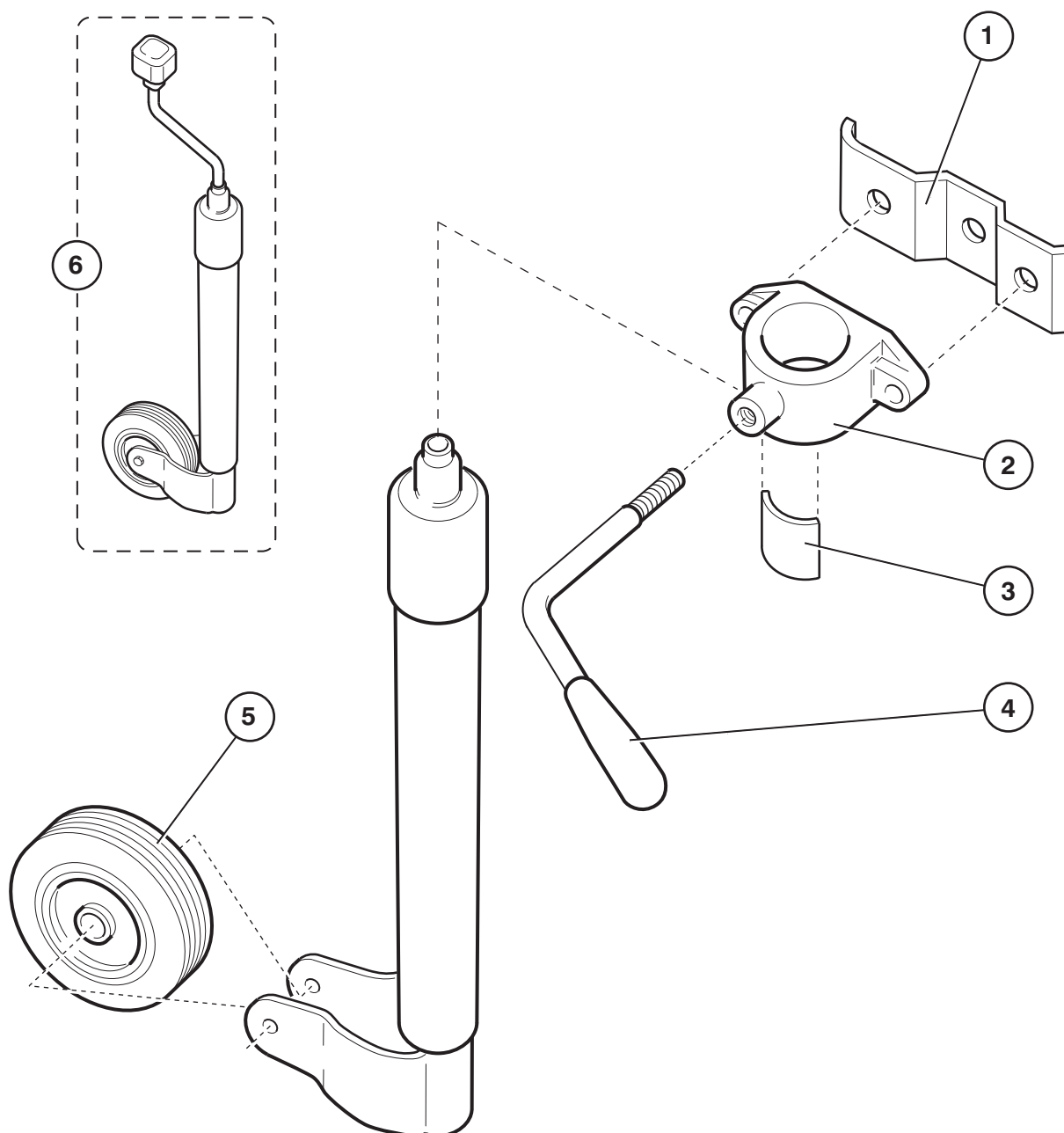
chassis assembly

Figure 1.4 Tow coupling assembly

1.5 Jockey wheel assembly

Item	Description				Part Number
1	Plate				P70098
2	Clamp (Includes items 1, 3 and 4)				P10066
3	Pressure pad				P11458
4	Clamp handle				P70095
5	Solid wheel *				P70093
6	Jockey wheel assembly				P10065

* Note: Item 5 is only suitable for pre 2010 machines



french
german
spanish

chassis assembly

1-15

Figure 1.5 Jockey wheel assembly

1.6 Heavy duty jockey wheel

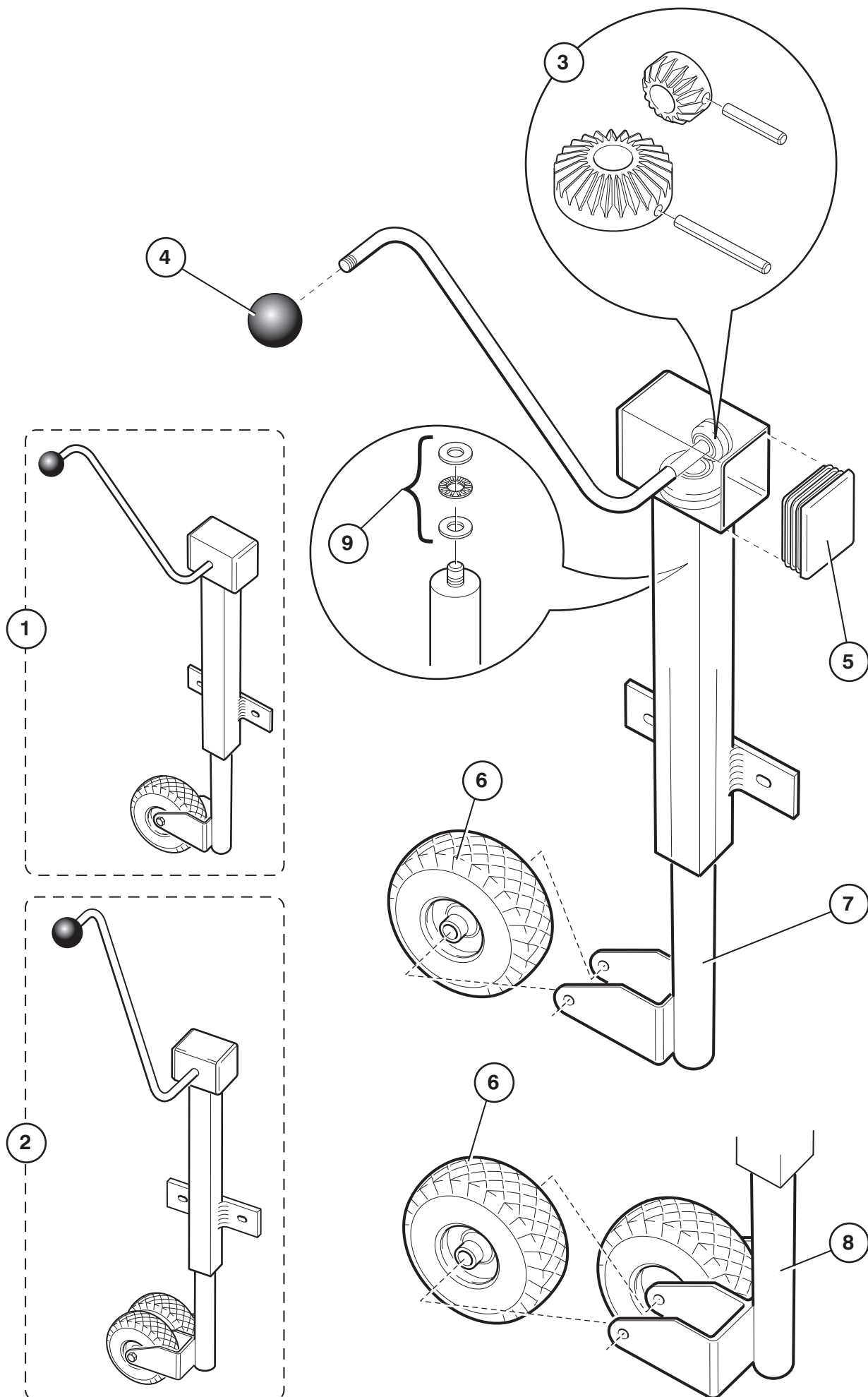
Item	Description	Part Number
1 *	Jockey wheel assembly A) B)	P14065 P25035
2 *	Jockey wheel assembly (traction drive) A) B)	P13898 P25036
3 *	Gear kit A) B)	P15183 P25037
4	Knob	P70076
5 *	Plastic Cap A) B)	P16480 P25040
6	Wheel	P16309
7 *	Inner shaft A) B)	P14066 P25038
8 *	Inner shaft (Twin wheel) A) B)	P16308 P25039
9	Bearing - Inner	P11675

* A) Cap size (Item 5) is 90mm square

B) Cap size (Item 5) is 70mm square

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

1-17

Figure 1.6 Heavy duty jockey wheel

1.7 Lighting assemblies

Item Description

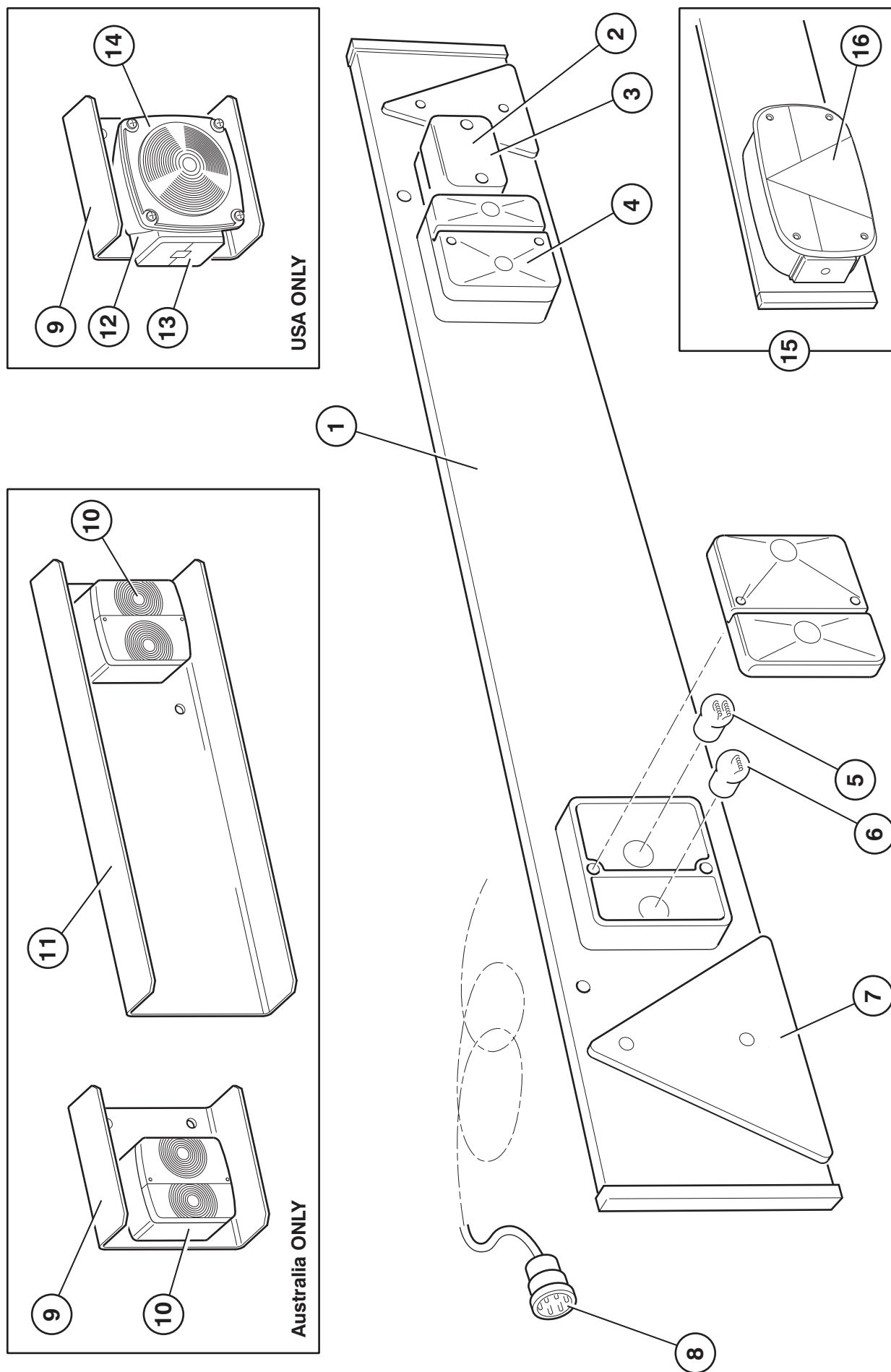
Part Number

1	Lighting board - UK European German TUV				P10313 P10754 P11200
2	Fog light lens				P10898
3	Fog light assembly				P70197
4	Lamp assembly				P70196
5	Tail light bulb				P70202
6	Indicator bulb				P70201
7	Warning triangle				P70198
8	Plug/Lead UK/Euro USA Australia				P70200 P11761 P17600
9	Mounting bracket				P17962
10	Light assembly LH RH				P17602 P17601
11	Bracket - Light cluster & number plate RH				P17963
12	Light assembly				P20906
13	Side lens ONLY				P21146
14	Rear lens ONLY				P20907
15	Lighting Board (Includes Item 16)				P23996
16	Lamp assembly LH *RH				P24236 P24237

* Not illustrated

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

Figure 1.7 Lighting assemblies

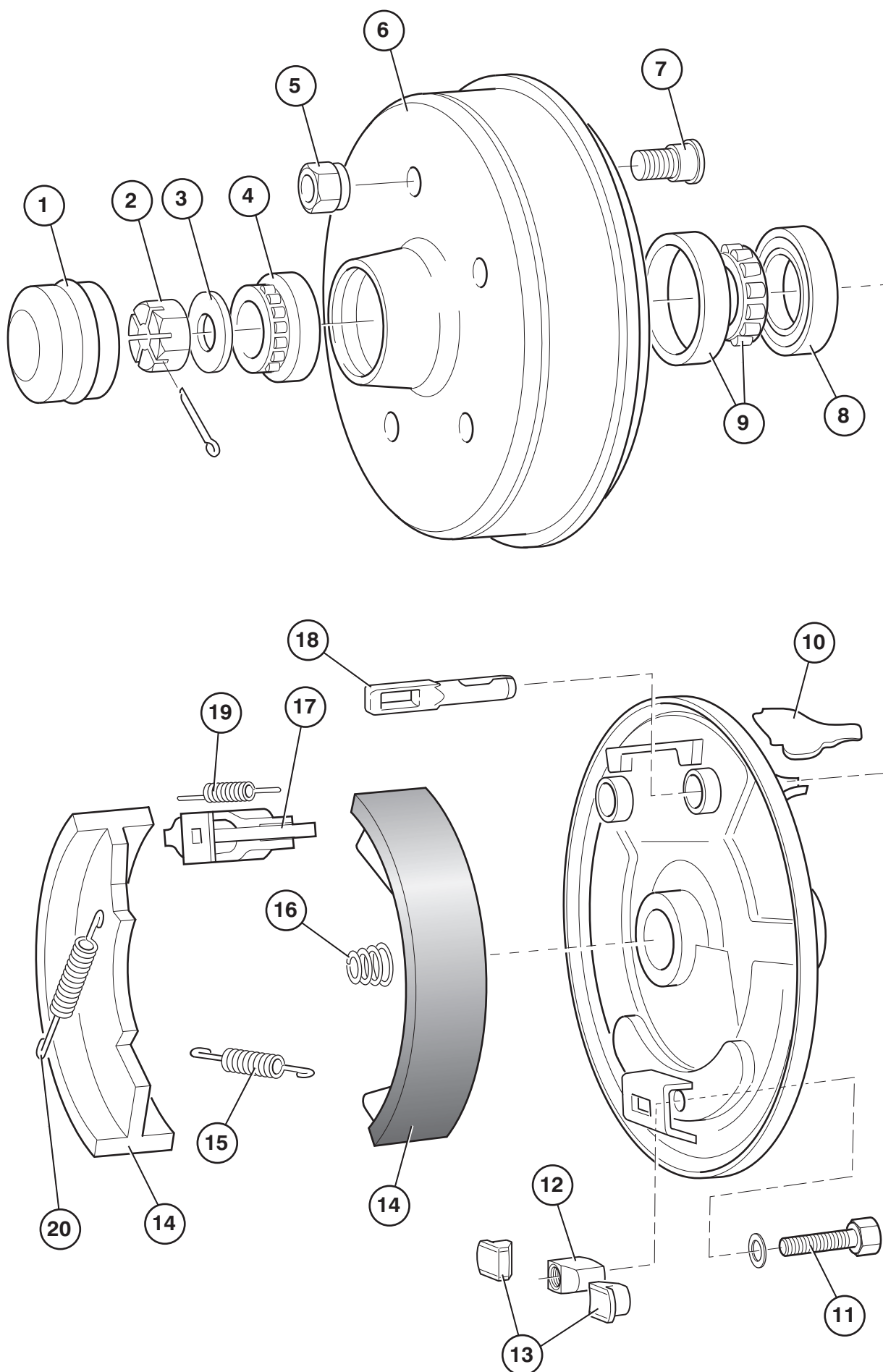
1.8 Wheel hub assembly

Item Description Part Number

1	Grease cap				P15450
2	Hub nut				P15452
3	Hub washer				P15451
4	Outer bearing				P15449
5	Wheel nut				P70023
6	Hub				P15485
7	Wheel stud				P18365
8	Oil seal				P15447
9	Inner bearing				P15448
10	Half shell				P70263
11	Adjuster bolt				N/A
12	Adjuster wedge (Includes item 11)				P15427
13	Adjuster post				P15430
14	Brake shoe (Pair)				P13129
15	Spring				P15437
16	Steady spring				P15434
17	Expander				P70032
18	Eyelet - Brake cable				P15425
19	Spring				P15441
20	Spring				P15435

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

Figure 1.8 Wheel hub assembly

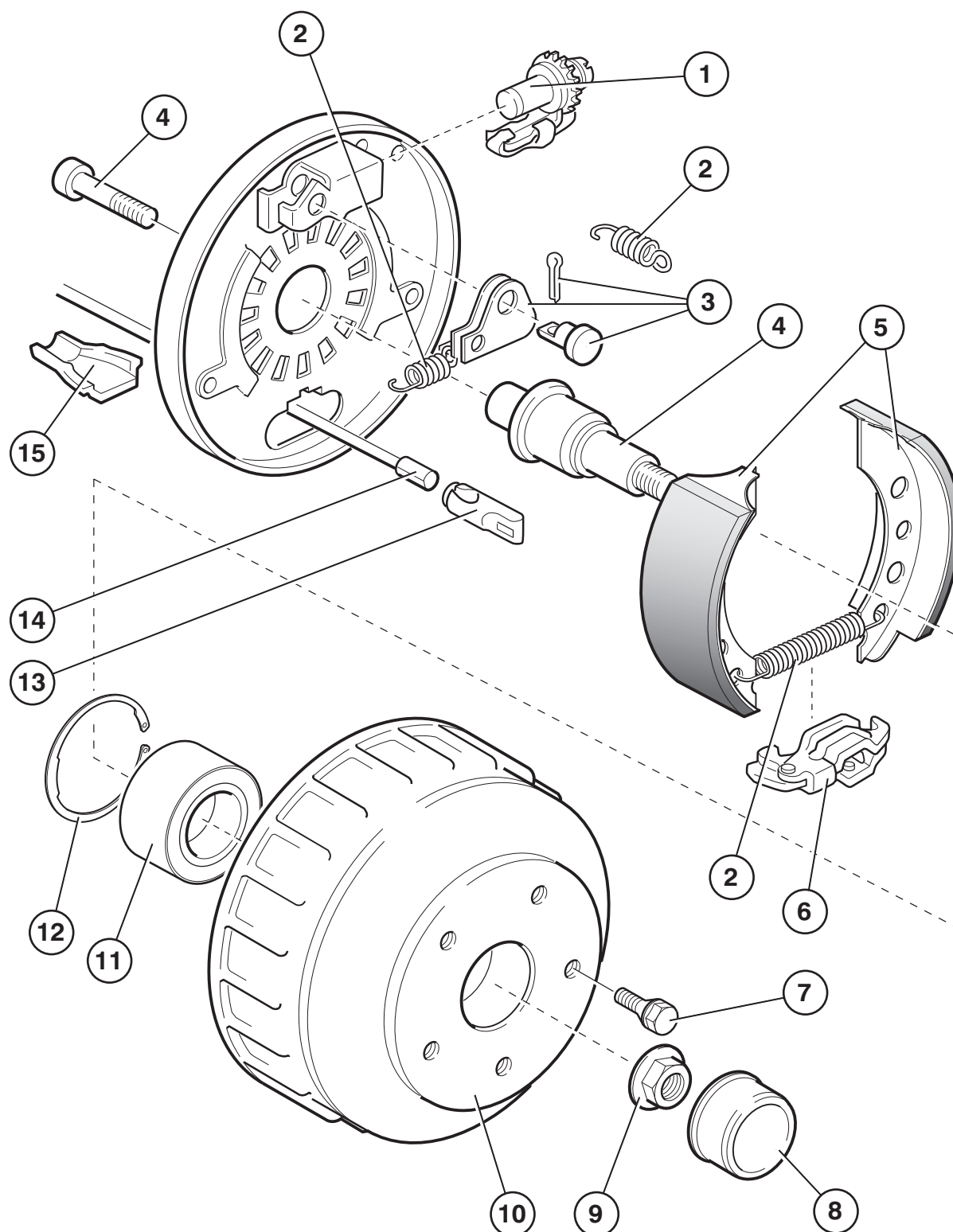
1.9 Wheel hub assembly (Traction drive)

Item	Description	Part Number
------	-------------	-------------

1	Adjuster assembly	P15323
2	Spring kit	P15324
3	Reverse lever assy LH RH	P15325 P15326
4	Stub axle and bolt	P15322
5	Brake shoes (Set of 4)	P15321
6	Expanding clutch	P15320
7	Wheelbolt	P15317
8	Dust cap	P15319
9	Flange nut - <i>This item MUST be renewed after removal (Torque setting 290Nm)</i>	P15172
10	Brake drum	P15316
11	Bearing	P17449
12	Circlip	P17450
13	Brake cable eye	P15327
14	Brake cable	P15328
15	Bowden cable shell	P15329

french
german
spanish

chassis assembly



Note: Item 9 **MUST** be renewed if removed for any reason
(Torque Setting 290Nm)

french
german
spanish

chassis assembly

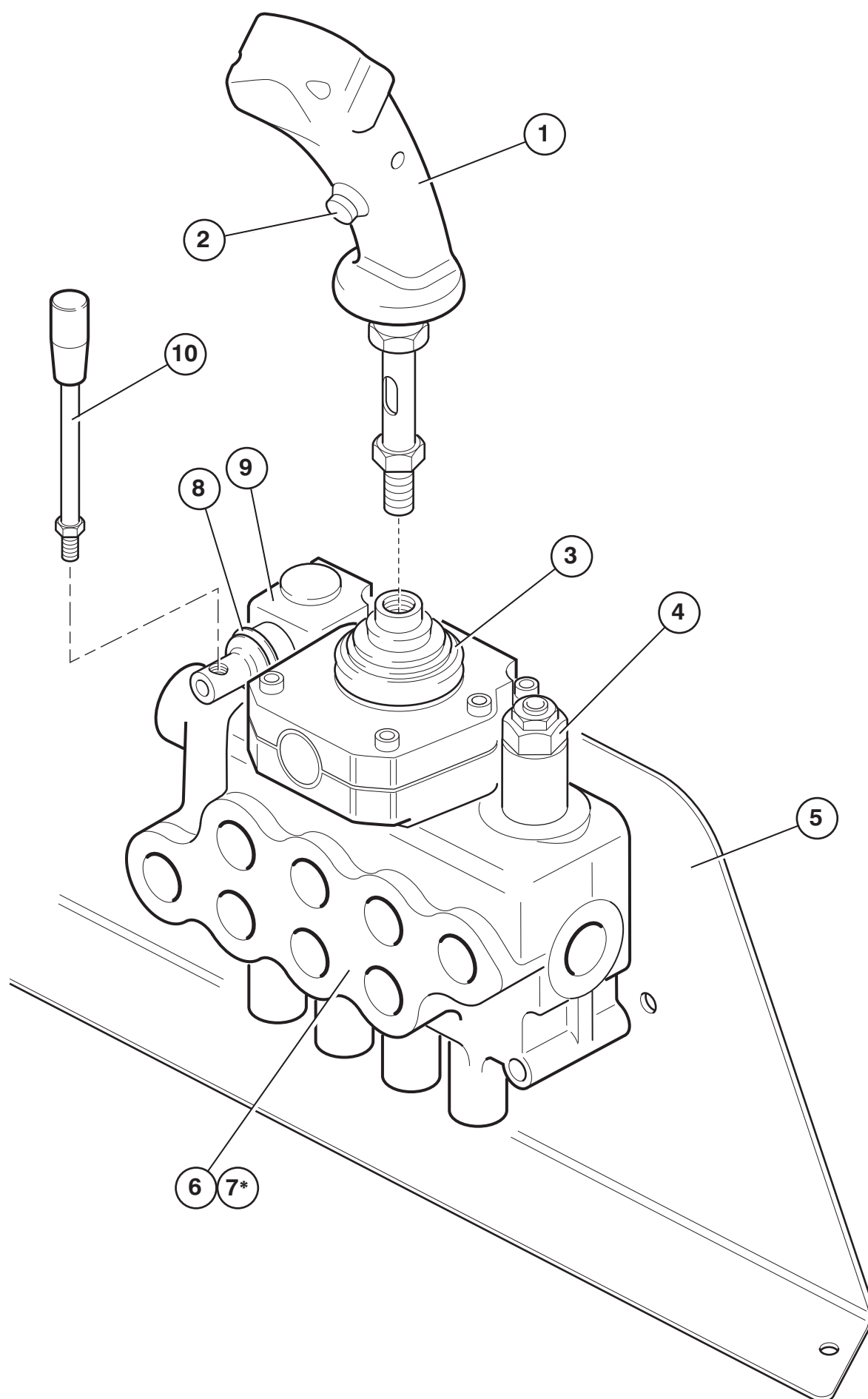
1.10 Valve block (Traction drive)

Item	Description				Part Number
1	Joystick				P16125
2	Button - Red				P17994
3	Rubber gaiter				P17921
4	Valve - Cartridge				P19121
5	Bracket - Valveblock				P13872
6	Valve block				P14395
7 *	Seal kit for item 6				P18156
8	Gaiter - Lever cap				P19119
9	Lever cap				P19120
10	Lever				P16306

* Not illustrated

french
german
spanish

chassis assembly



french
german
spanish

chassis assembly

1-25



nifty



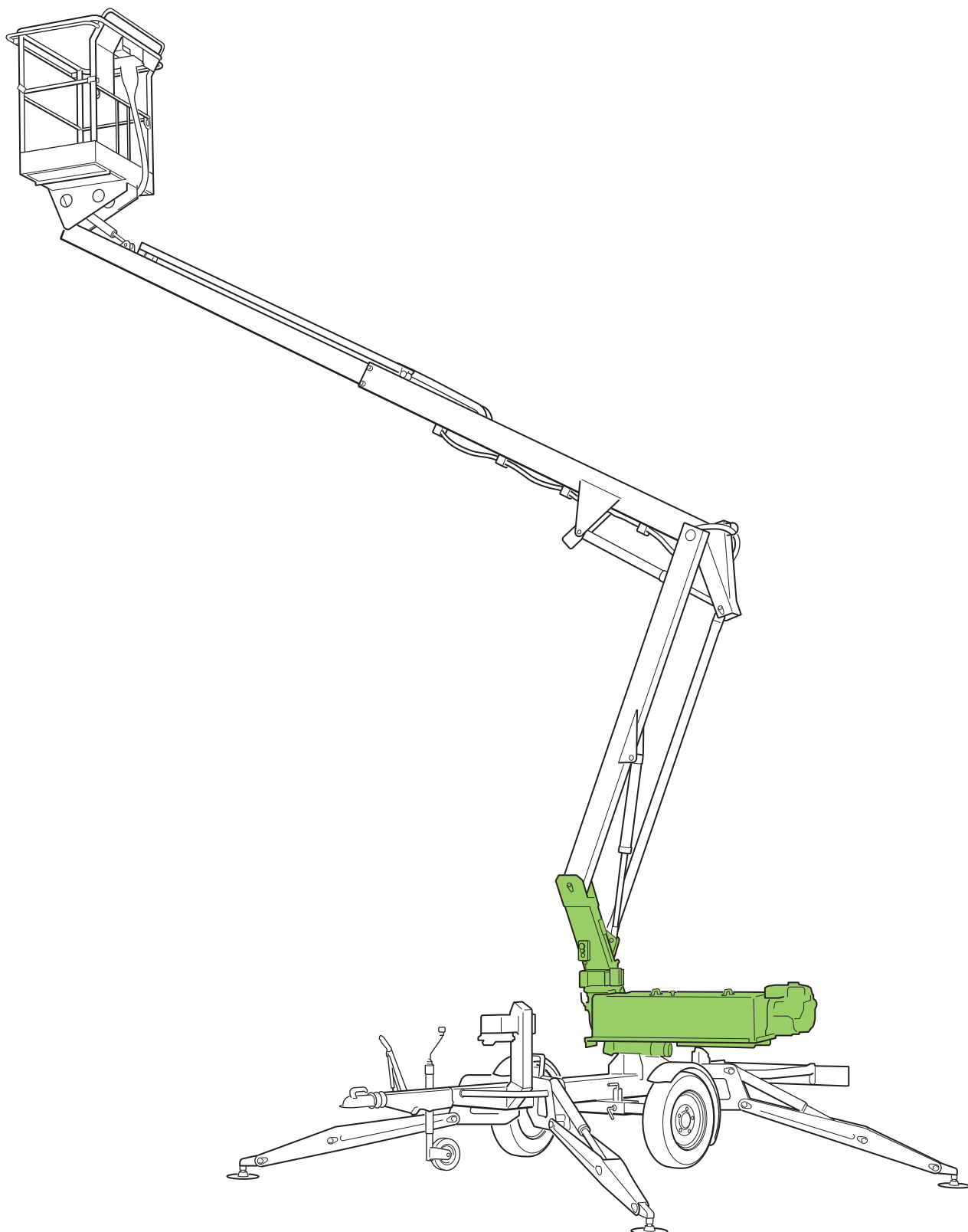
120T (TM34T)

illustrated parts manual

Manuel illustré de pièces détachées

Illustrierte Stückliste

Manual de piezas ilustrado



2



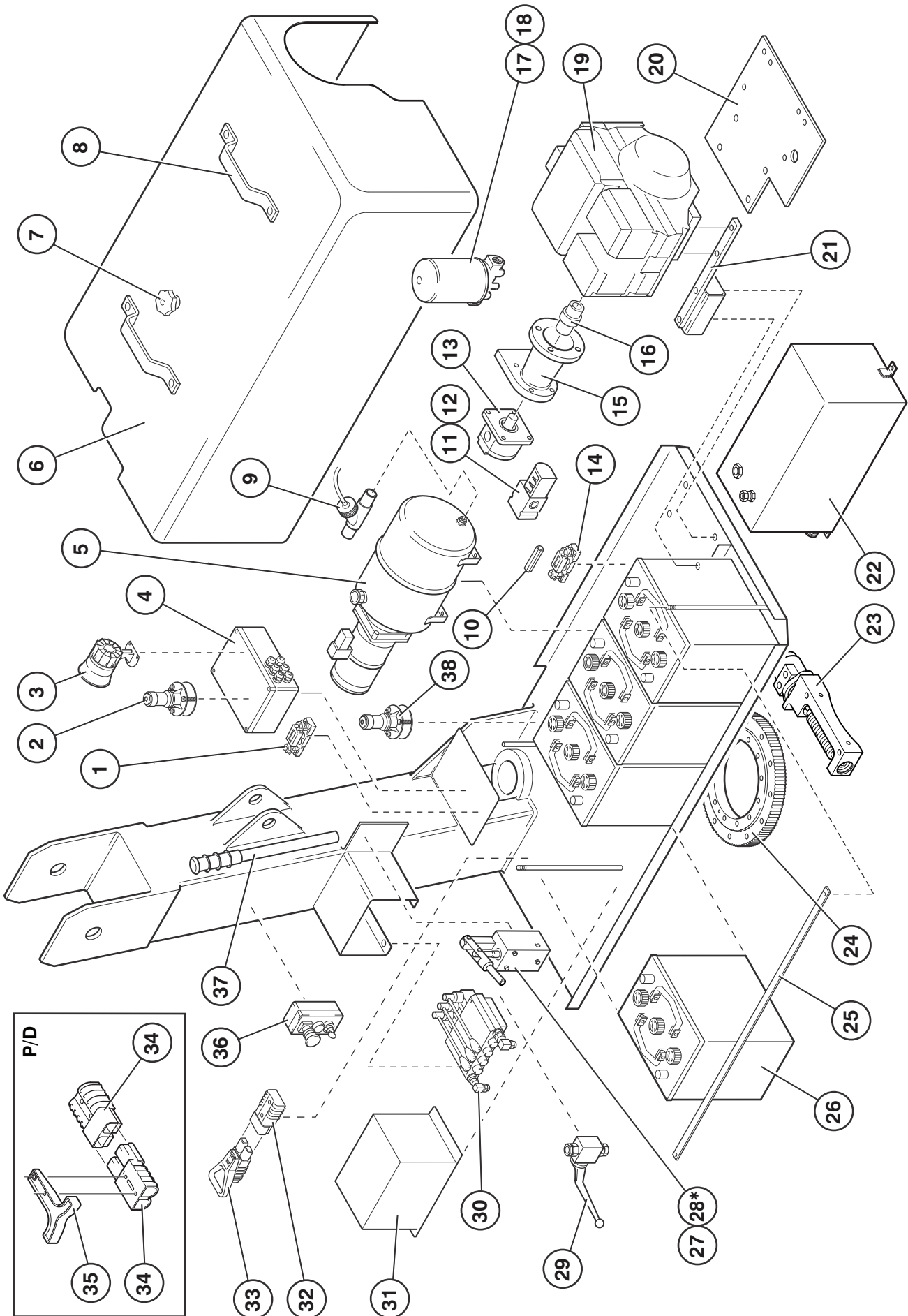
superstructure

french
german
spanish

2.1 Power tray (P/D/E/PE)

Item	Description				Part Number
1	Fuse - 225A Fuse holder				P11977 P24708
2	Tilt sensor (OPTIONAL)				P16108
3	Siren				P11113
4	PCB Control box See "PCB Control box" on page 2-20.				n/a
5	Power pack See "DC Power pack" on page 2-26.				P21690
6	Canopy P/D/PE * Electric(DC)				P20555 P18279
7	Knob				P10186
8	Handle				P10241
9	Flow switch (Bi-energy ONLY)				P13842
10	Valve - non-return				P10107
11	Solenoid valve assy				P10132
12	Coil only (Solenoid valve)				P70354
13	Pump - 1.6cc				P10655
14	Fuse - 125A Fuse holder				P12696 P24708
15	Bell housing				P12286
16	Coupling <i>Petrol</i>				P12287
17	Hydraulic oil filter & bowl assembly				P10137
18	Oil filter cartridge				P10766
19	Petrol engine GX160 GX200 Diesel engine Yanmar L48AE				P18916 P16934 P12469
20	Mounting plate (Diesel engine ONLY)				P12647
21	Mounting bracket				P12641

* Not illustrated



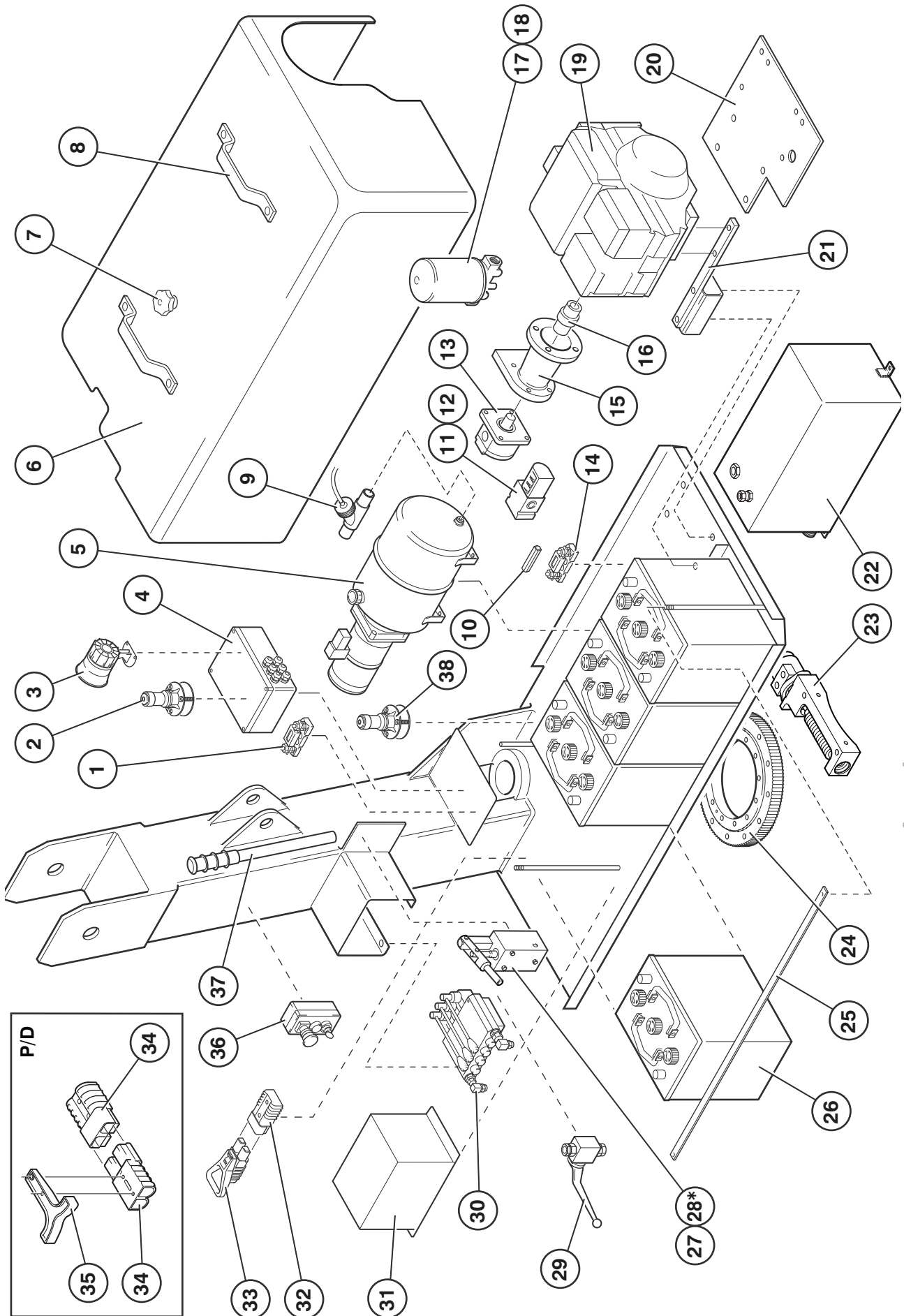
french
german
spanish

superstructure

2.1 continued

Item	Description				Part Number
22	Hydraulic Oil Tank (Petrol/Diesel only)				P12566
23	Worm assembly See "Slew assembly" on page 2-12.				P19498
24	Gear wheel				P16817
25	Battery strap				P12671
26	Battery - 6v				P10829
27	Hand pump				P22570
28 *	Seal kit for item 27				P22605
29	Diverter valve Lever ONLY				P10702 P14397
30	Control valve See "Control valve assembly (3 spool)" on page 2-14. Or "Control valve assembly (4 spool)" on page 2-16				P15514 P21631
31	Battery Charger UK USA Euro/Australia See "Battery charger (UK)" on page 2-32. or "Battery charger (Euro/Australia & USA)" on page 2-34				P11847 P22628 P11913
32	Anderson connector 24v				P17083
33	Handle Anderson connector 24v				P17084 P17083
34	Anderson connector 12v				P17085
35	Handle				P16942
36	Button box See "Button box assemblies (Base)" on page 2-18.				n/a
37	Handle - Hand pump				P10624
38	Tilt sensor (USA/Canada)				P19184

* Not illustrated



french
german
spanish

superstructure

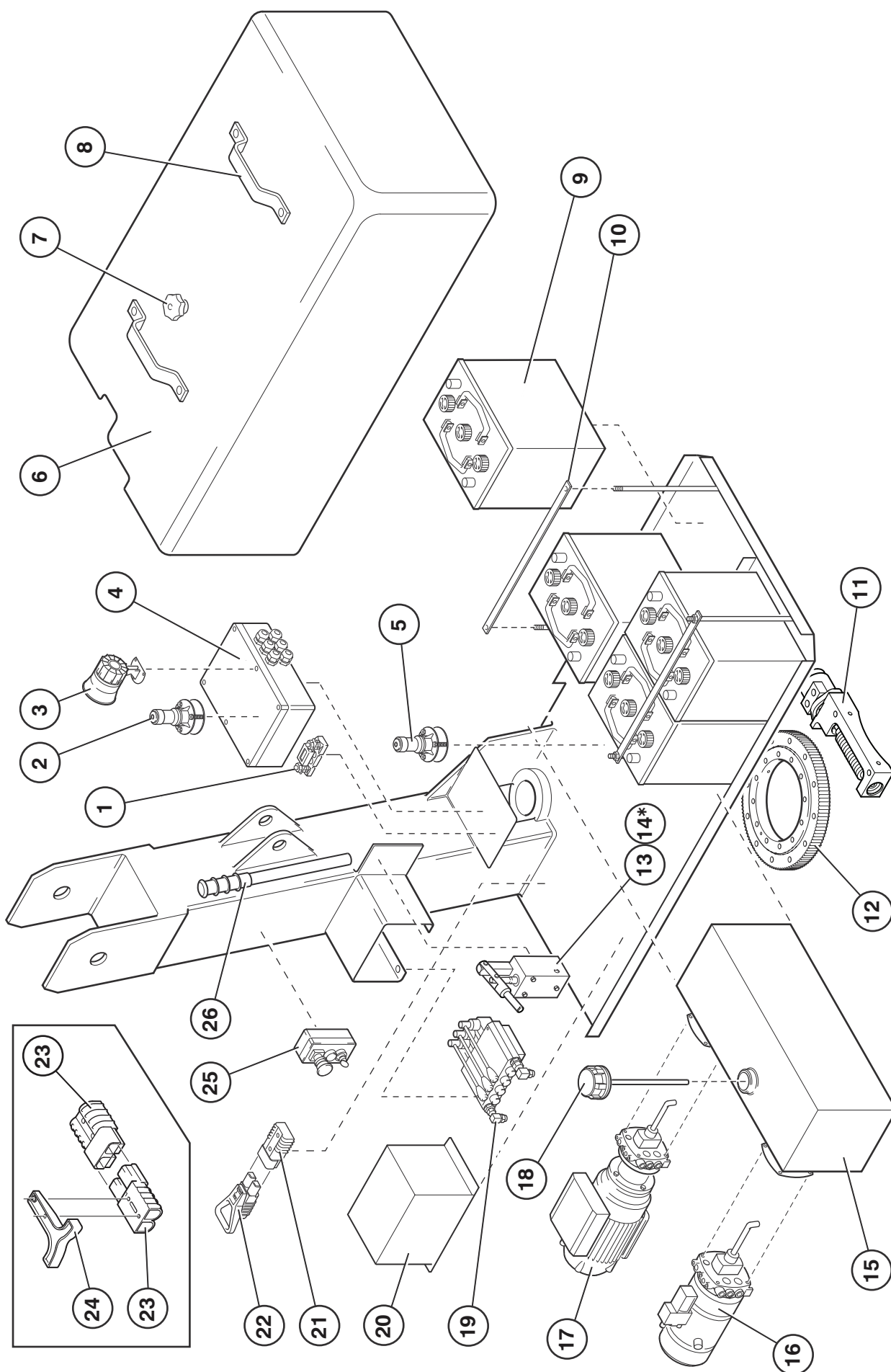
2.2 Power tray (AC/DC)

Item	Description				Part Number
1	Fuse - 225A Fuse holder				P11977 P24708
2	Tilt sensor (OPTIONAL)				P16108
3	Siren				P11113
4	Control box See "AC/DC transformer box" on page 2-24.				n/a
5	Tilt sensor (USA/Canada)				P19184
6	Canopy				P18281
7	Knob				P10186
8	Handle				P10241
9	Battery - 6v				P10829
10	Battery strap				P13203
11	Gear wheel				P16817
12	Worm assembly See "Slew assembly" on page 2-12.				P19498
13	Hand pump				P22570
14 *	Seal kit for item 13				P22605
15	Hydraulic tank				P13224
16	Power pack (DC) See "DC Power pack (AC/DC machine)" on page 2-30.				P22476
17	Power pack (AC) 110v 240v See "AC Power pack" on page 2-28.				P18305 P13228
18	Filler cap				P10136

* Not illustrated

french
german
spanish

superstructure



french
german
spanish

superstructure

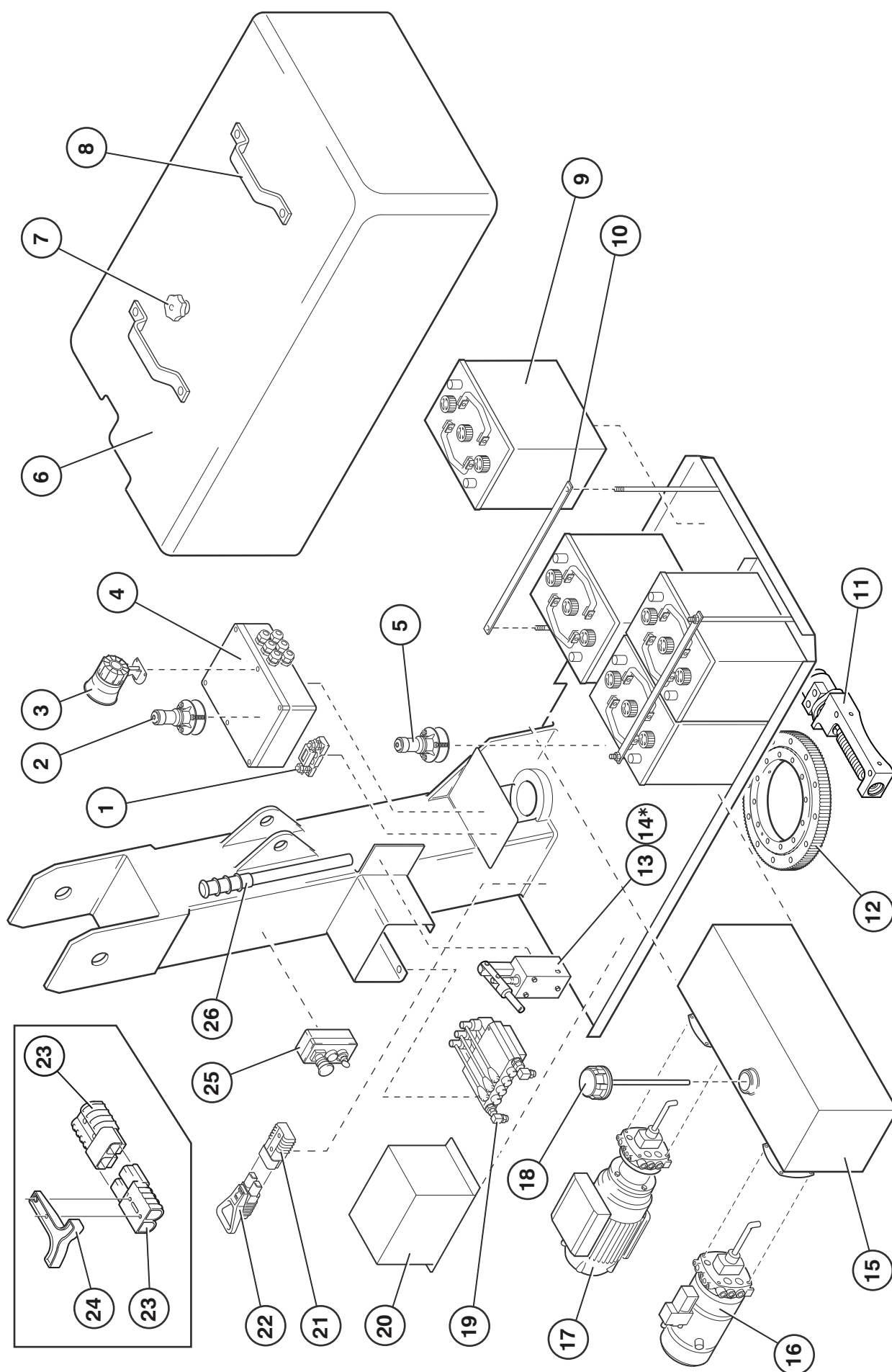
2.2 continued

Item	Description				Part Number
19	Control valve See "Control valve assembly (3 spool)" on page 2-14.				P15514
	Or "Control valve assembly (4 spool)" on page 2-16				P21631
20	Battery Charger UK USA Euro/Australia See "Battery charger (UK)" on page 2-32. Or "Battery charger (Euro/Australia & USA)" on page 2-34				P11847 P22628 P11913
21	Anderson connector 24v				P17083
22	Handle Anderson connector 24v				P17084 P17083
23	Anderson connector 12v				P17085
24	Handle				P16942
25	Button box See "Button box assemblies (Base)" on page 2-18.				n/a
26	Handle - Hand pump				P10624

* Not illustrated

french
german
spanish

superstructure



french
german
spanish

superstructure

2.3 Power tray (AC)

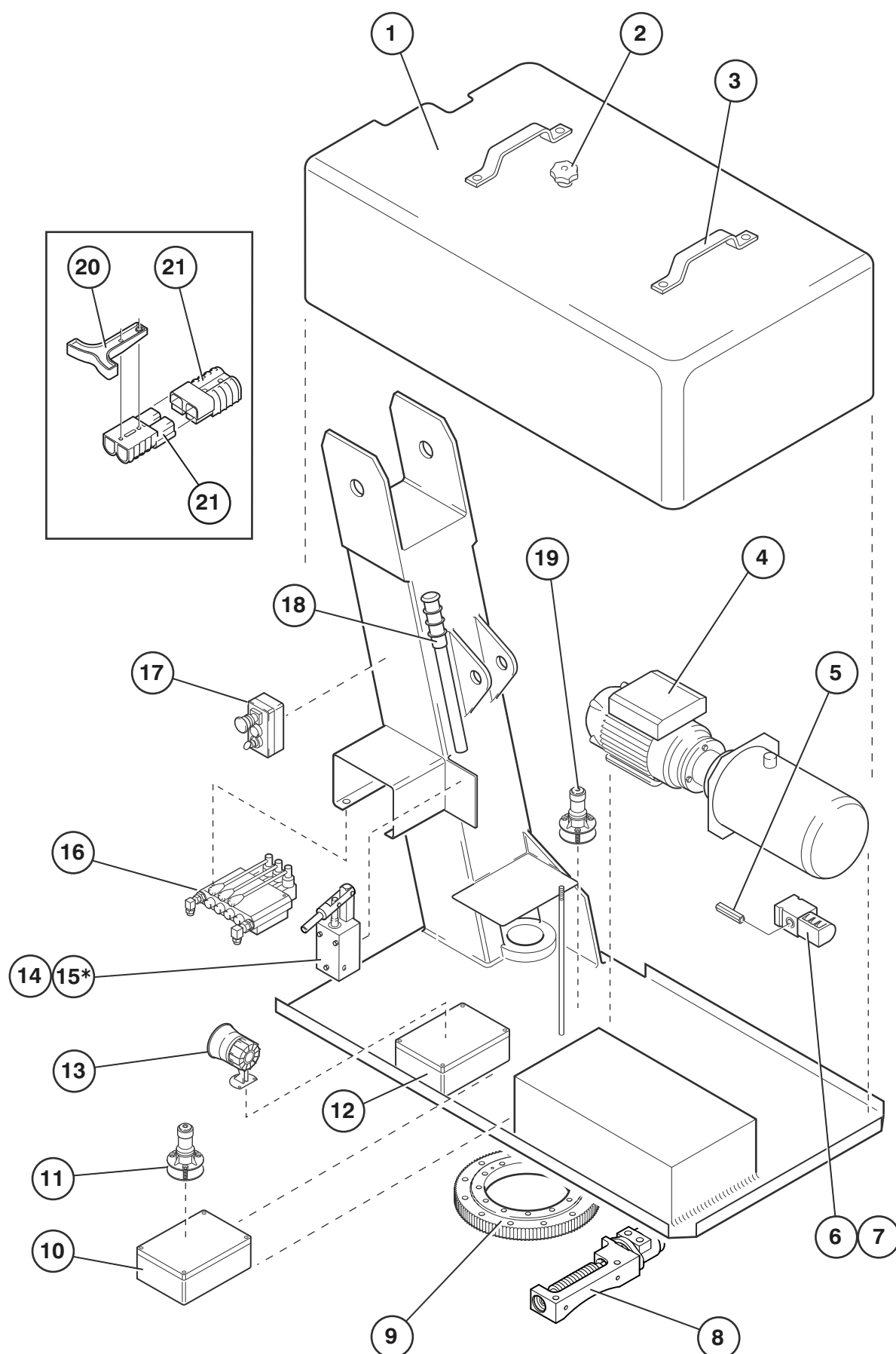
Item Description

Part Number

1	Canopy AC * PAC				P18279 P20555
2	Knob				P10186
3	Handle				P10241
4	Power pack (AC) 110v 240v See "AC Power pack" on page 2-28.				P18305 P22475
5	Valve - non-return				P10107
6	Solenoid valve assy				P10132
7	Coil only (Solenoid valve)				P70354
8	Worm assembly See "Slew assembly" on page 2-12.				P19498
9	Gear wheel				P16817
10	PCB Control box See "PCB Control box" on page 2-20.				n/a
11	Tilt sensor (OPTIONAL)				P16108
12	AC transformer box 110v 240v See "AC transformer box" on page 2-22.				P11429 P10770
13	Siren				P11113
14	Manual hand pump				P22570
15 *	Seal kit for item 14				P22605
16	Control valve See "Control valve assembly (3 spool)" on page 2-14. Or "Control valve assembly (4 spool)" on page 2-16				P15514 P21631
17	Button box See "Button box assemblies (Base)" on page 2-18.				n/a
18	Handle - Hand pump				P10624
19	Tilt sensor (USA/Canada)				P19184

* Not illustrated

20	Handle - Anderson				P16942
21	Anderson connector 12v				P17085



french
german
spanish

superstructure

Figure 2.3 Power tray (AC)

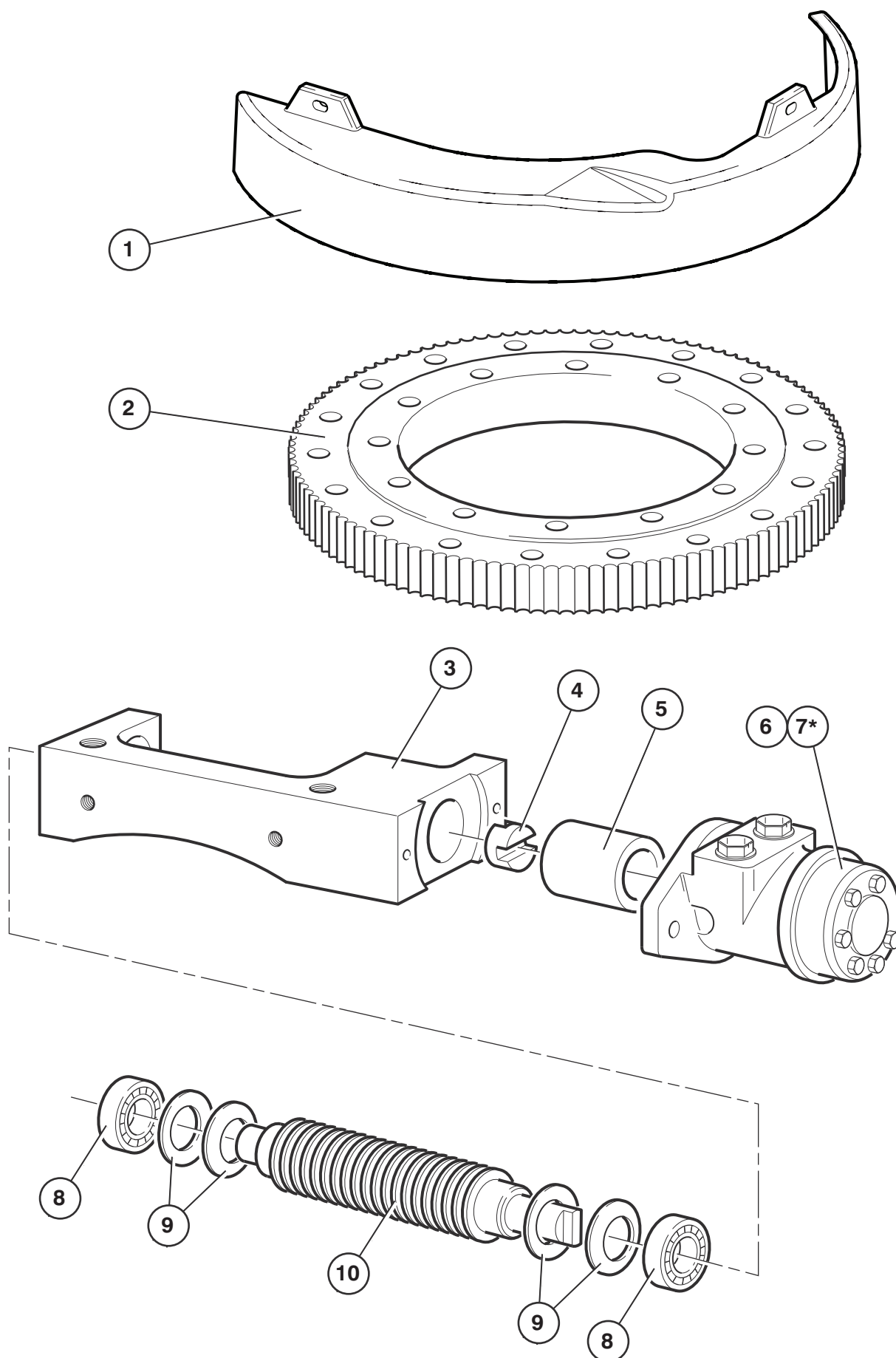
2.4 Slew assembly

Item	Description				Part Number
	Complete assembly (Items 3 to 10 ONLY)				P19498
1	Slew guard				P20084
2	Slew ring				P16817
3	Worm bracket				P12681
4	Coupling				P12145
5	Spacer				P12143
6	Motor				P14306
7 *	Seal kit for item 6				P13242
8	Bearing				P12703
9	Belleville washer				P12150
10	Worm gear				P14502

* Not illustrated

french
german
spanish

superstructure



french
german
spanish

superstructure

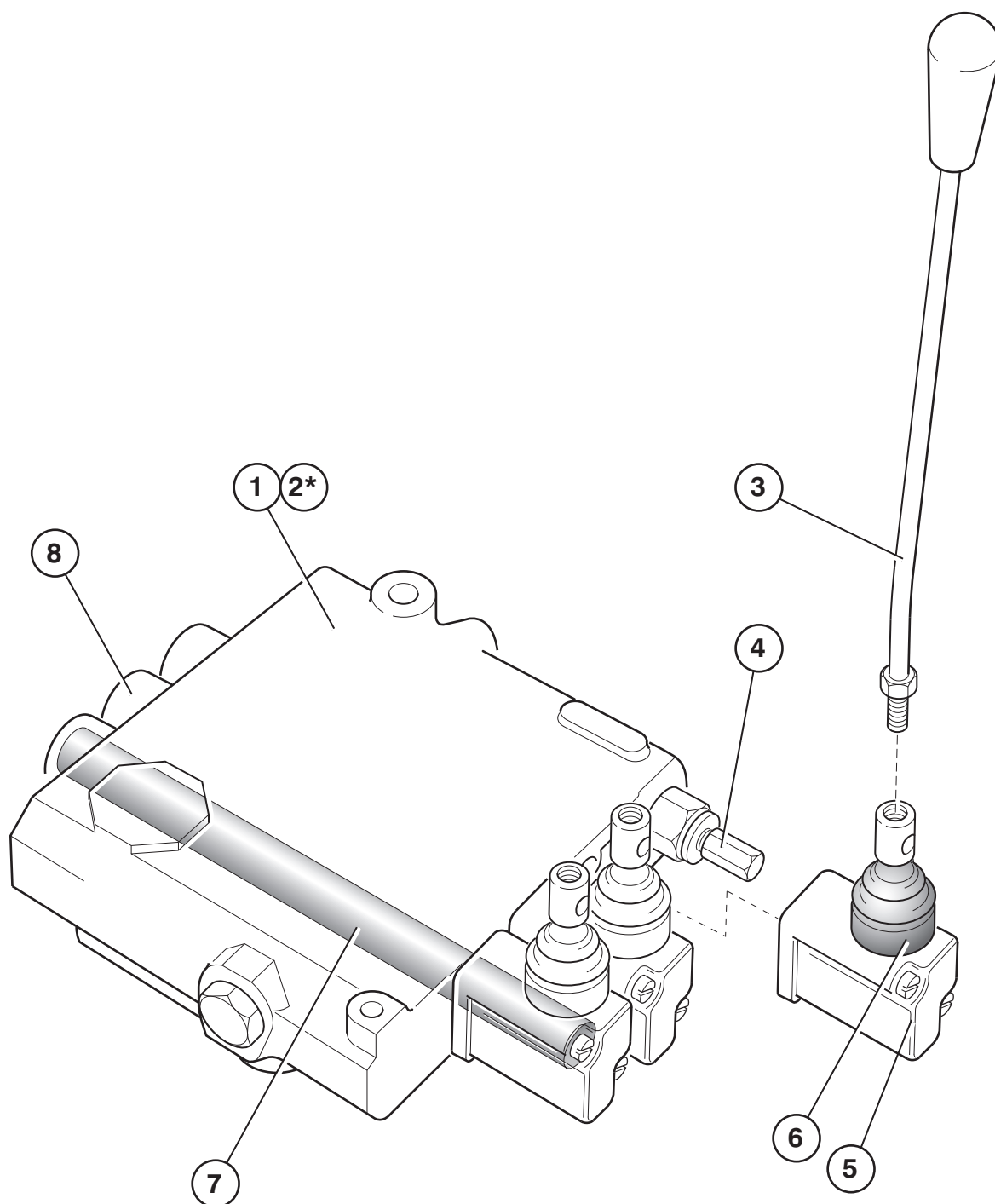
2.5 Control valve assembly (3 spool)

Item	Description				Part Number
1	Control valve - Gravity descent models				P15514
	Non-gravity descent models				P15515
2 *	Seal kit for item 1				P70337
3	Lever				P70336
4	Pressure relief valve				P70335
5	Lever cap (complete)				P70338
6	Rubber boot				P12225
7	Spool AS AST				P15510 P15511
8	Spool return spring assembly				P16234

* Not illustrated

french
german
spanish

superstructure



french
german
spanish

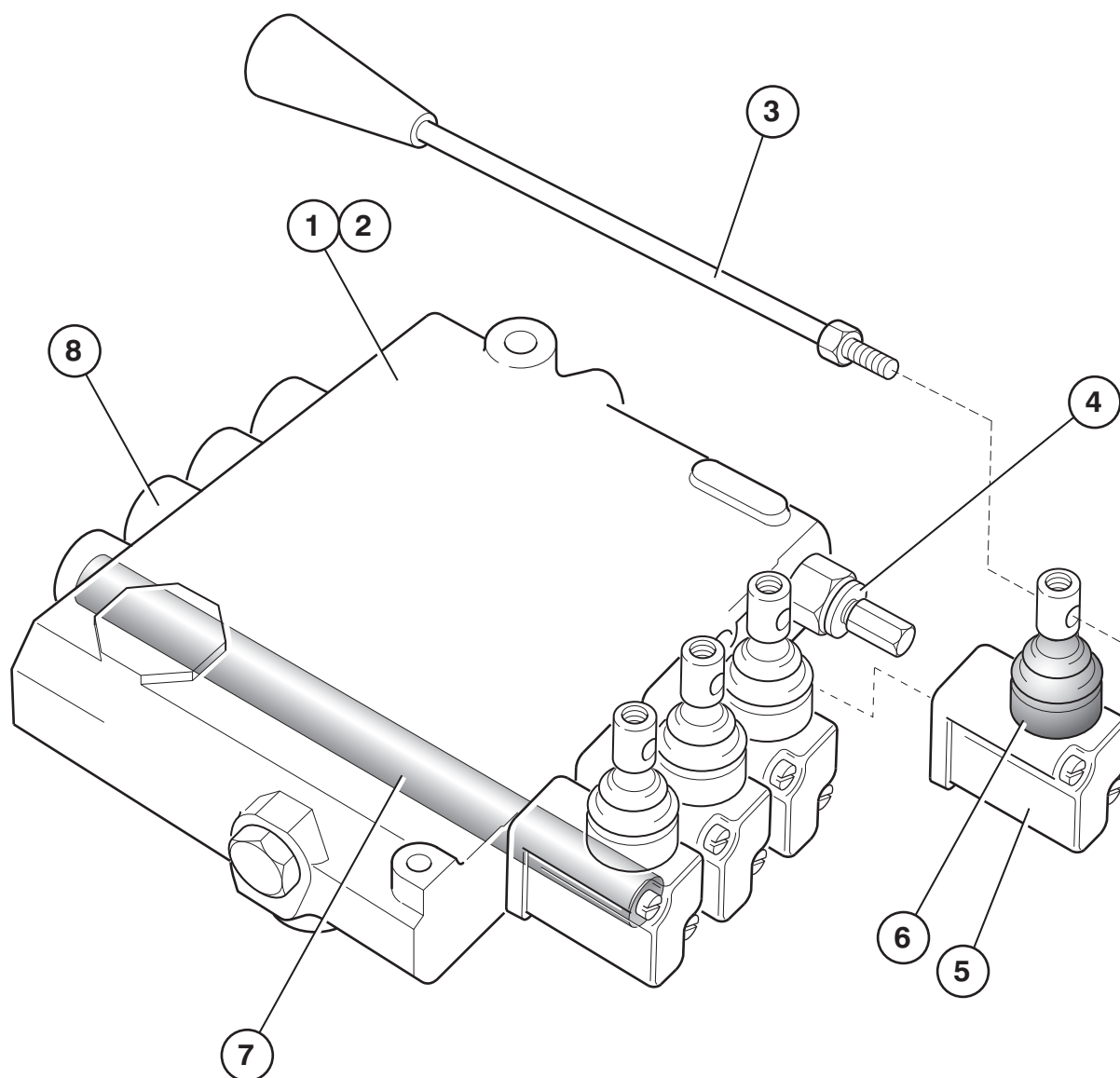
superstructure

2-15

2.6 Control valve assembly (4 spool)

Item	Description				Part Number
1	Control valve				P15518
2 *	Seal kit for item 1				P70337
3	Lever				P70336
4	Pressure relief valve				P70335
5	Lever cap (complete)				P70338
6	Rubber boot				P12225
7	Spool AS				P15510
8	Spool return spring assembly				P16234

* Not illustrated



french
german
spanish

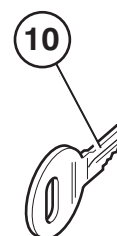
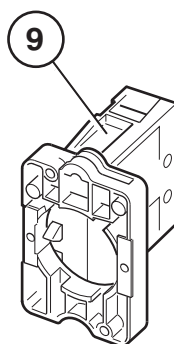
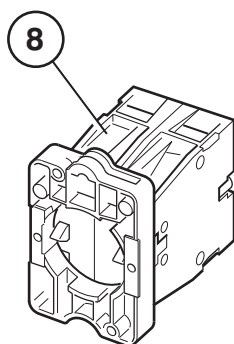
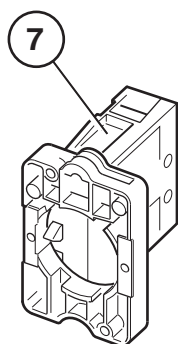
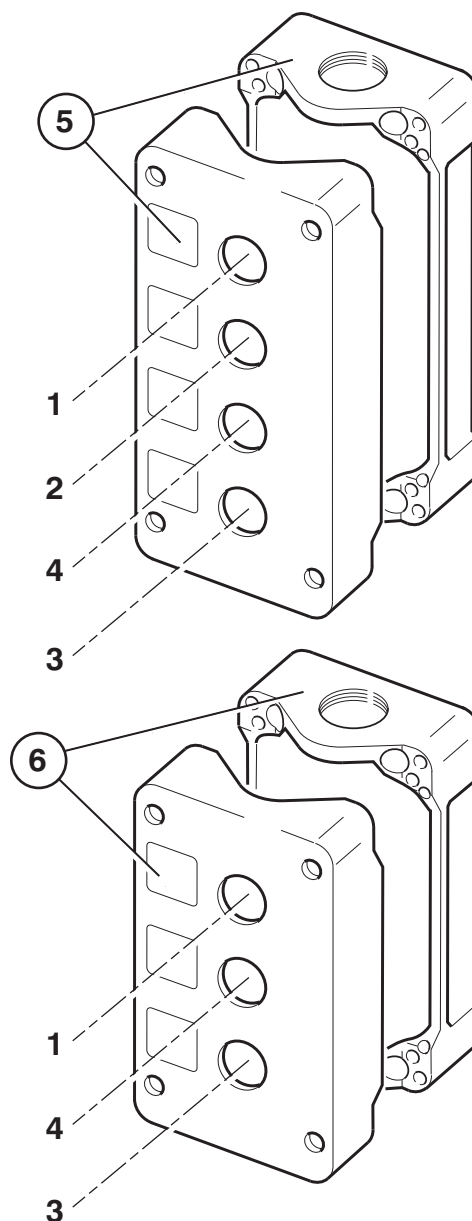
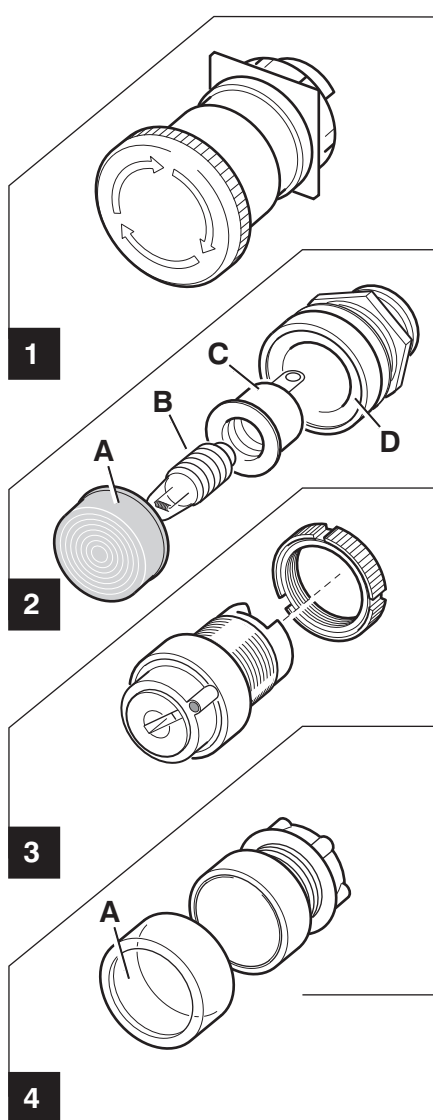
superstructure

2.7 Button box assemblies (Base)

Item	Description				Part Number
1	E-stop button USA Only				P10342 P21541
2	(A) Pilot light lens (B) Bulb (C) Lamp holder (D) Lamp housing				P11295 P11791 P11790 P14276
3	Key switch - 455 key 2 position				P10076
4	Button - Green Blue Black (A) Rubber cover Standard Extended				P10075 P11117 P10723 P22414 P15213
5	Button box - 4 hole 50mm deep 80mm deep				P22417 P22416
6	Button box - 3 hole 50mm deep 80mm deep				P22413 P22415
7	Contact - NC (Used with Item 1 and Australian key)				P11839
8	Contact - Double NO/NC (Used with item 3)				P16718
9	Contact - Single NO (Used with item 4)				P11838
10	Key				P70187

french
german
spanish

superstructure

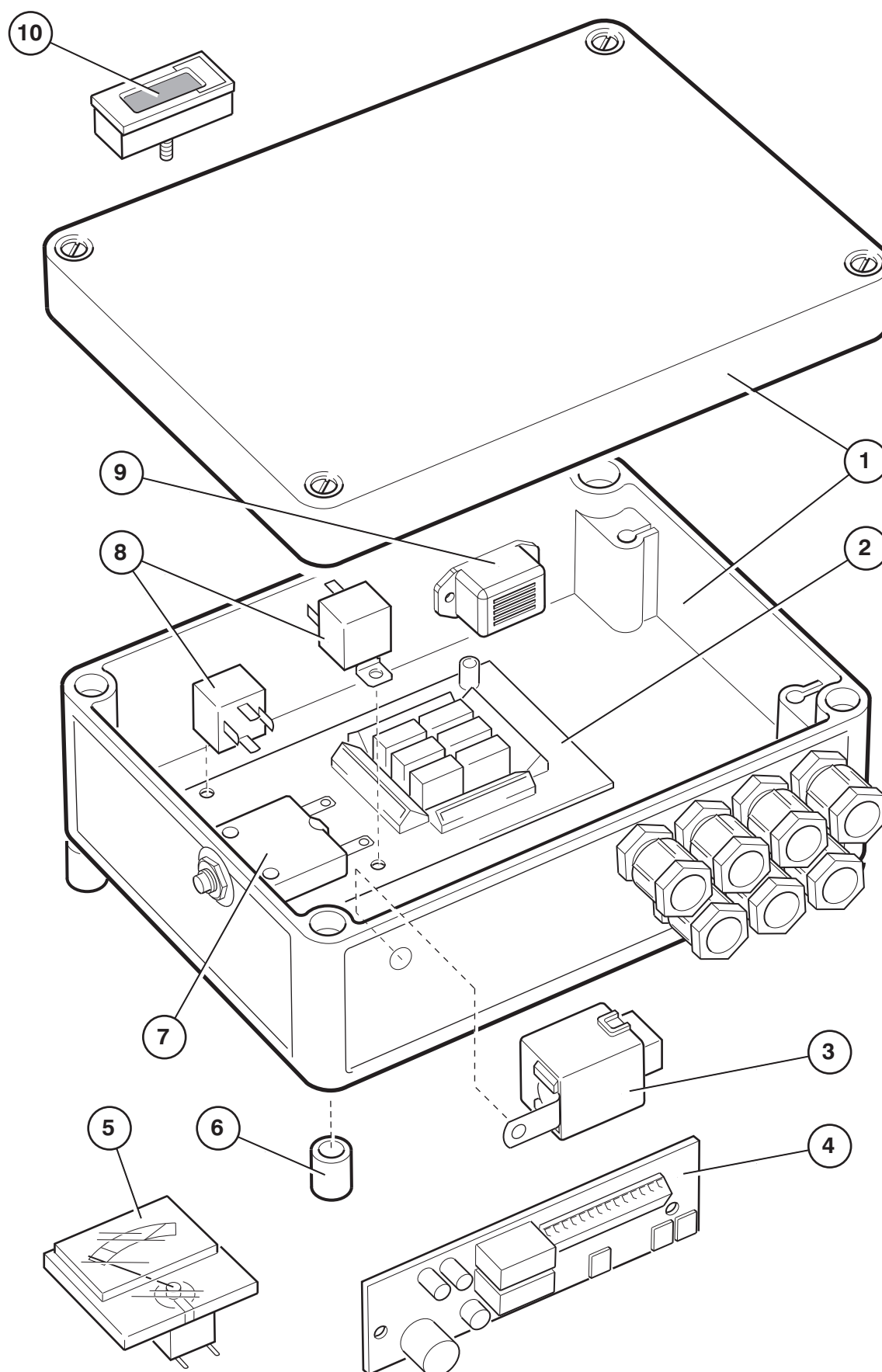


french
german
spanish

superstructure

2.8 PCB Control box

Item	Description				Part Number
1	ABS Box				P12498
2	PCB				P14033
3	Timer relay (Diesel only)				P10664
4	PCB -12v (Battery management - OPTIONAL)				P11174
5	Battery meter (OPTIONAL)				P11494
6	Nylon spacer				P11863
7	Circuit breaker - 15A				P11050
8	Relay				P10340
9	Buzzer				P10341
10	Hour meter (OPTIONAL)				P11410



french
german
spanish

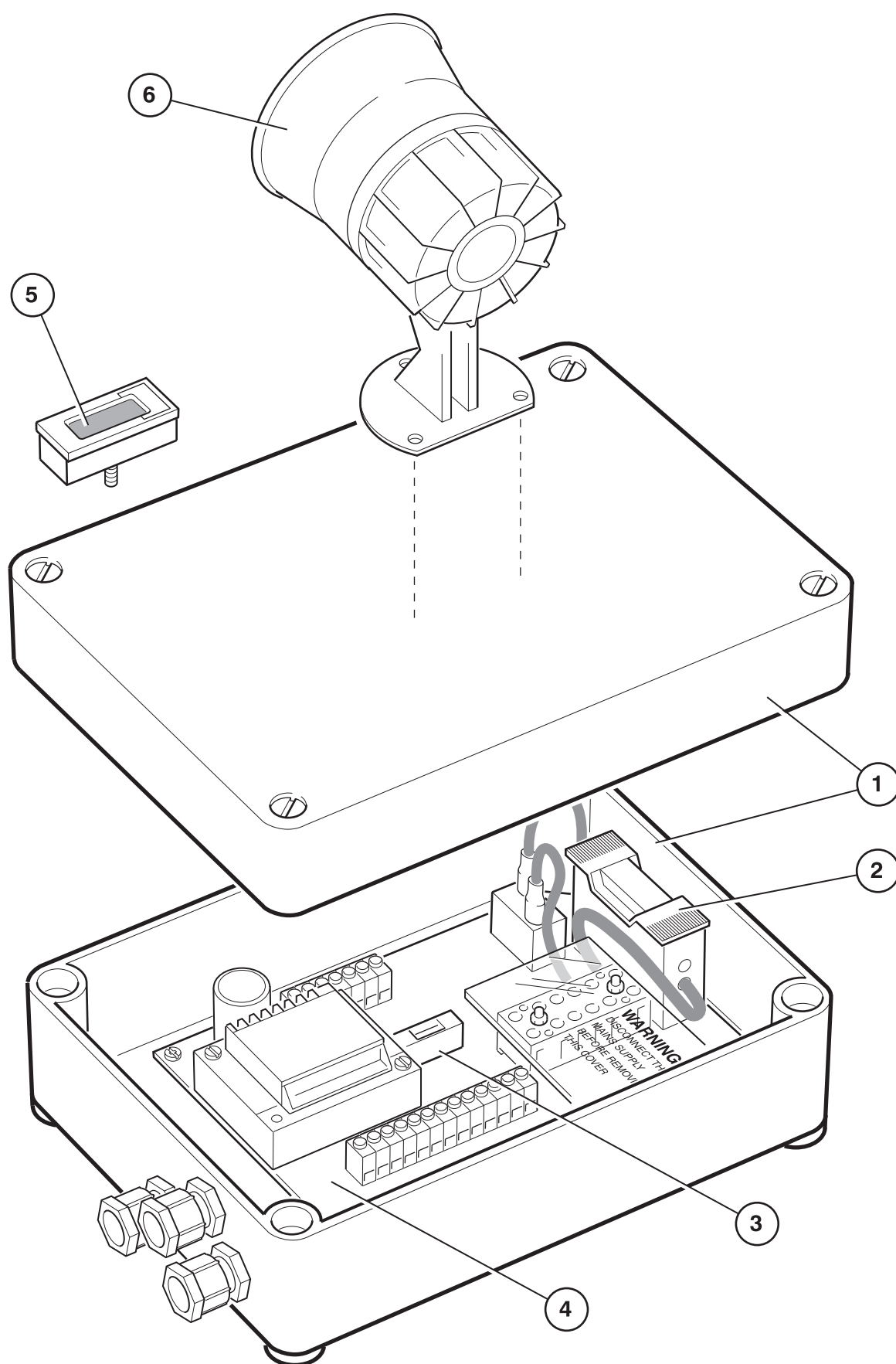
superstructure

2.9 AC transformer box

Item	Description	Part Number			
1	Complete assembly 240v 110v				P10770 P11429
2	Fuse 16A (240v) 25A (110v)				P11767 P14040
3	Fuse 3.15A				P15504
4	PCB assembly 240v 110v				P10847 P14039
5	Hour meter (OPTIONAL)				P11410
6	Siren				P11113

french
german
spanish

superstructure



french
german
spanish

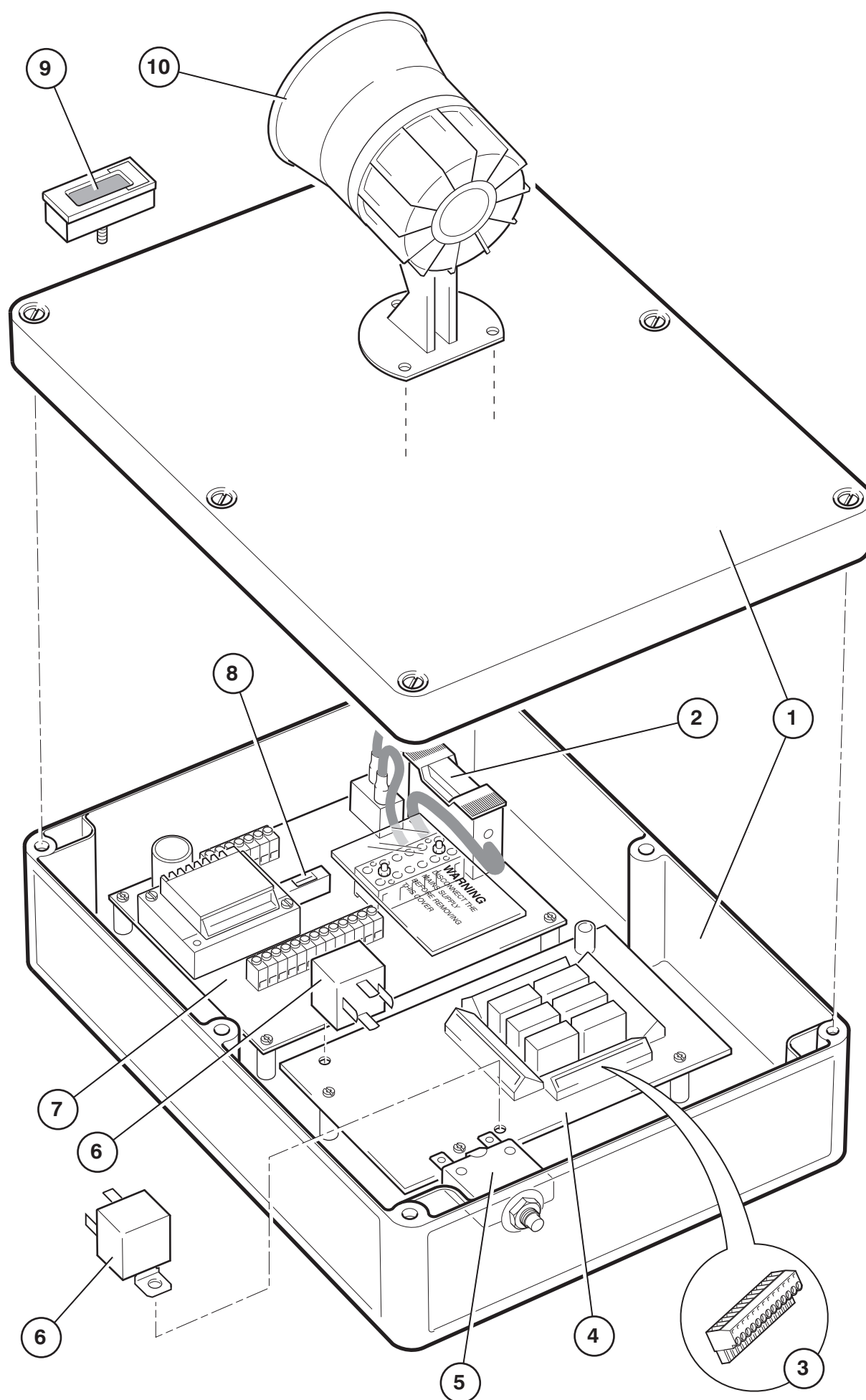
superstructure

2.10 AC/DC transformer box

Item	Description				Part Number
1	ABS Box				P16540
2	Fuse 16A (240v) 25A (110v)				P11767 P14040
3	Plug 13-way				P12945
4	PCB				P14033
5	Circuit breaker - 15A				P11050
6	Relay				P10340
7	Circuit board assy 240v 110v				P10847 P14039
8	Fuse 3.15A				P15504
9	Hour meter (OPTIONAL)				P11410
10	Siren				P11113

french
german
spanish

superstructure



french
german
spanish

superstructure

2.11 DC Power pack

Item	Description	Part Number			
1	Power pack assembly				P21690
2	Motor				P16611
3	Brushes for item 2 a) Brush/Spring set b) Brush set c) Brush set				P16703 P21151 P26729
4	Contactor plate				P16315
5	Contact solenoid				P11877
6	Fuse - 225A				P11977
7	Fuse holder				P24708
8	Check valve kit				P16614
9	Flange				P16612
10	O-ring				P16616
11	Filter - Return line				P16734
12	Pump - 2.2 cc				P16699
13	Filter - suction				P16700
14	Tank - 12 litre				P16701
15	Filler cap				P17258
16	Relief valve kit				P16613
17	Cap				P16615

french
german
spanish

superstructure

2.12 AC Power pack

Item	Description				Part Number
1	Power pack assembly 110v 240v AC/DC Only				P18305 P22475 P13228
2 *	Seal kit for item 1				P70171
3	Flange coupling kit				P10848
4	Coupling				P24949
5	Relief valve				P70158
6	Check valve				P70159
7	'O' Ring (Tank/Power pack)				P15303
8	Filter - Return line				P70247
9	Tank - 9 litre				P10862
10	Filler cap				P21215
11	'O' Ring (Backplate/Tank)				P17749
12	Filter - suction				P70155
13	Pump - 1.5 cc				P22881
14	Non-return valve - 1/4in				P10107
15	Solenoid valve assy Coil ONLY				P10132 P70354
16	Motor - 220/240v AC				P13848
17	Run capacitor				P12702
18	Start capacitor				P12701

* Not illustrated

Note: Items 9, 10 and 11 are NOT applicable to AC/DC machine

french
german
spanish

superstructure

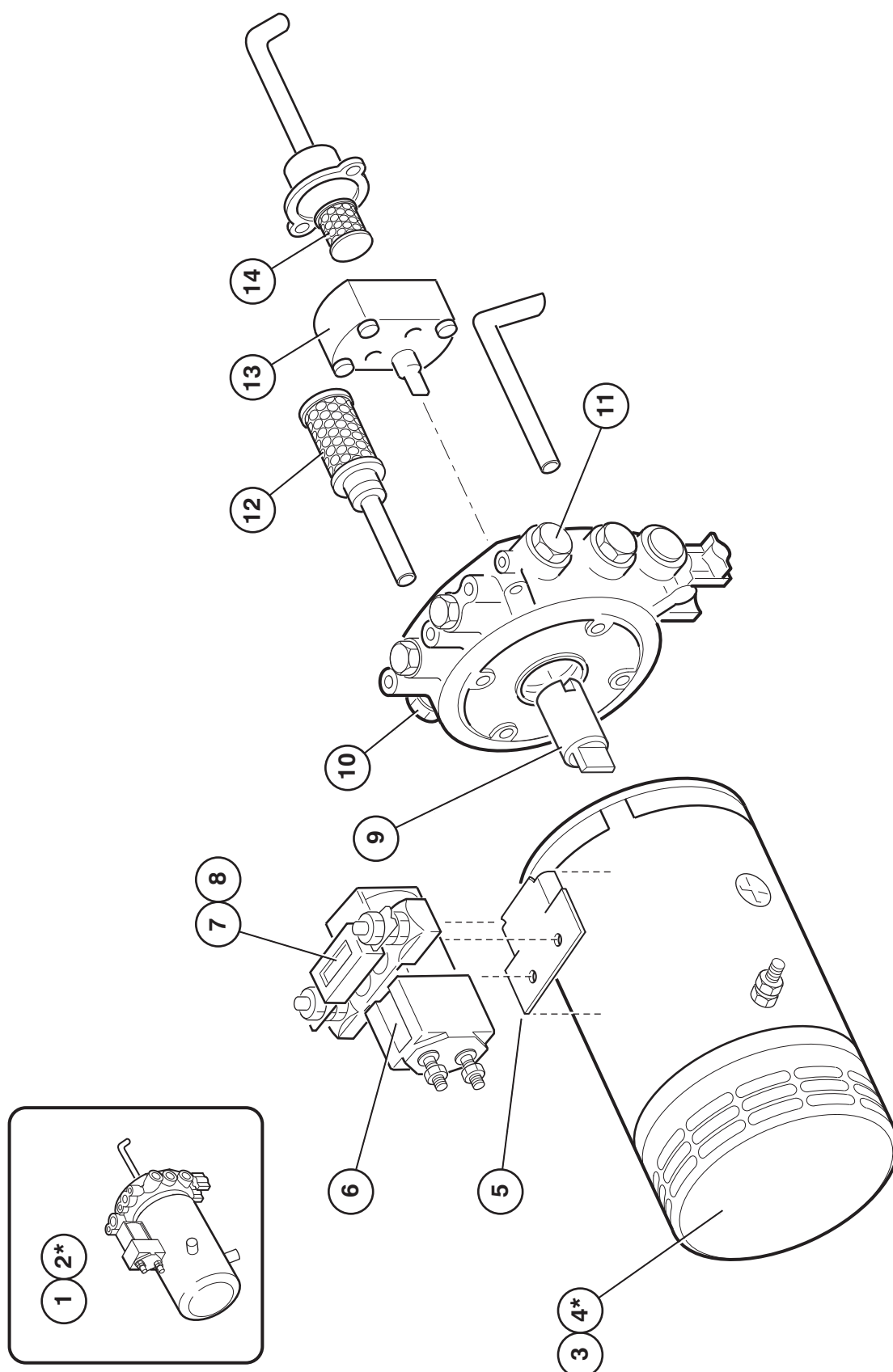
2.13 DC Power pack (AC/DC machine)

Item	Description				Part Number
1	Power pack complete 1.5cc pump				P22476
2 *	Seal kit for item 1				P70171
3	Motor				P11217
4 *	Brushes for item 3				P11226
5	Contactor plate				P16315
6	Contact solenoid - 12v (Bi-energy)				P11877
7	Fuse - 225A				P11977
8	Fuse holder				P24708
9	Coupling				P24949
10	Relief valve kit				P70158
11	Check valve kit				P70159
12	Filter - Return line				P70247
13	Pump - 1.5cc				P22881
14	Filter - Suction				P70155

* Not illustrated

french
german
spanish

superstructure



french
german
spanish

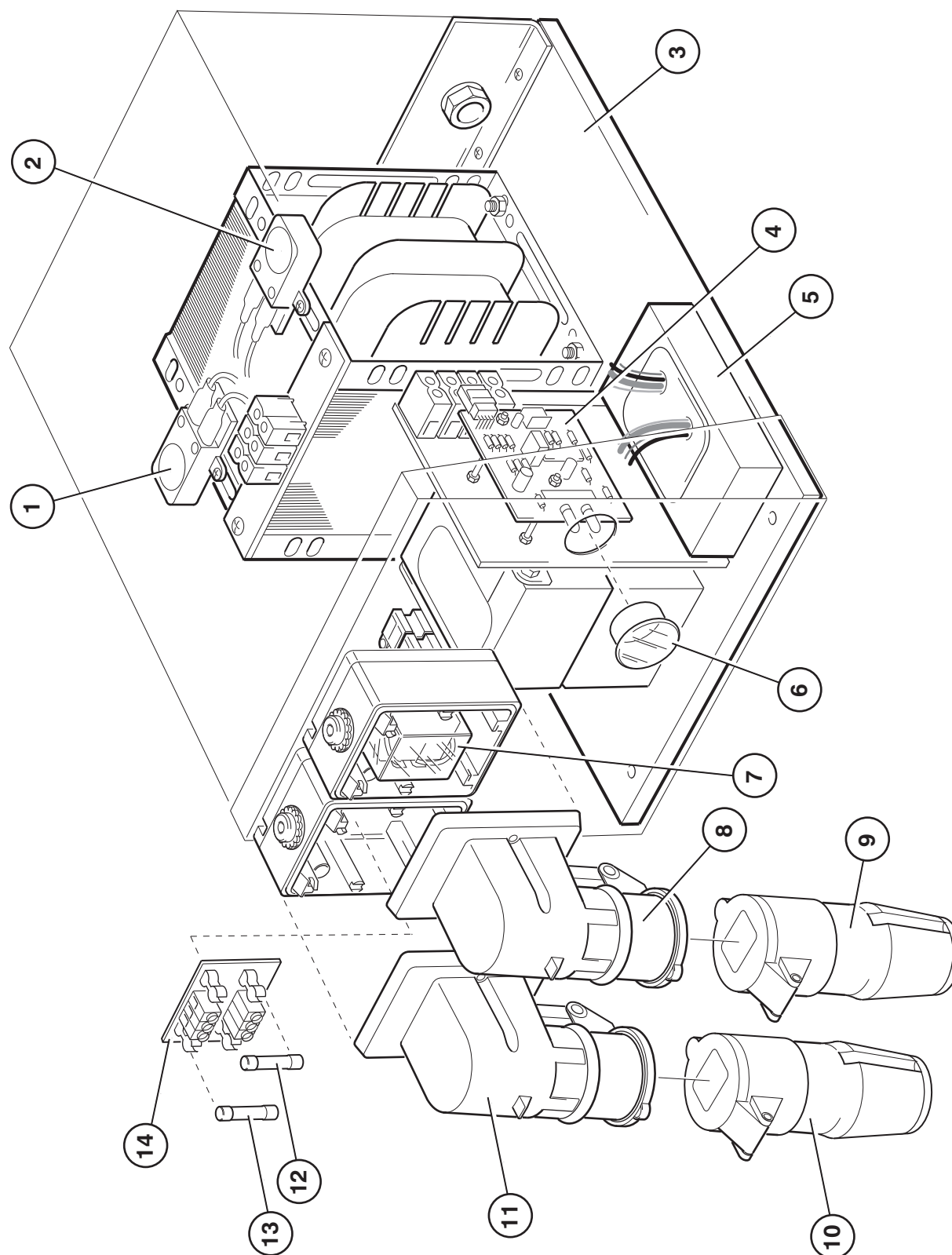
superstructure

2.14 Battery charger (UK)

Item	Description				Part Number
1	Thermal cut-out - 240v				P15269
2	Thermal cut-out - 110v				P15268
3	Charger complete				P11847
4	PCB				P70091
5	Thyristor module				P14993
6	Lens				P11104
7	Relay				P12879
8	Socket - 110v				P10750
9	Plug - 110v				P10724
10	Plug - 240v				P10268
11	Socket - 240v				P10174
12	Fuse - 5A				P15022
13	Fuse - 10A				P11934
14	Fuse board				P14386

french
german
spanish

superstructure



french
german
spanish

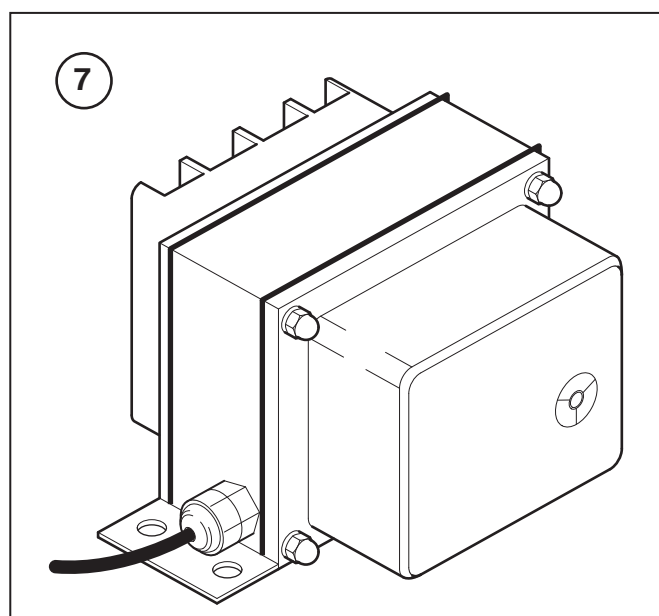
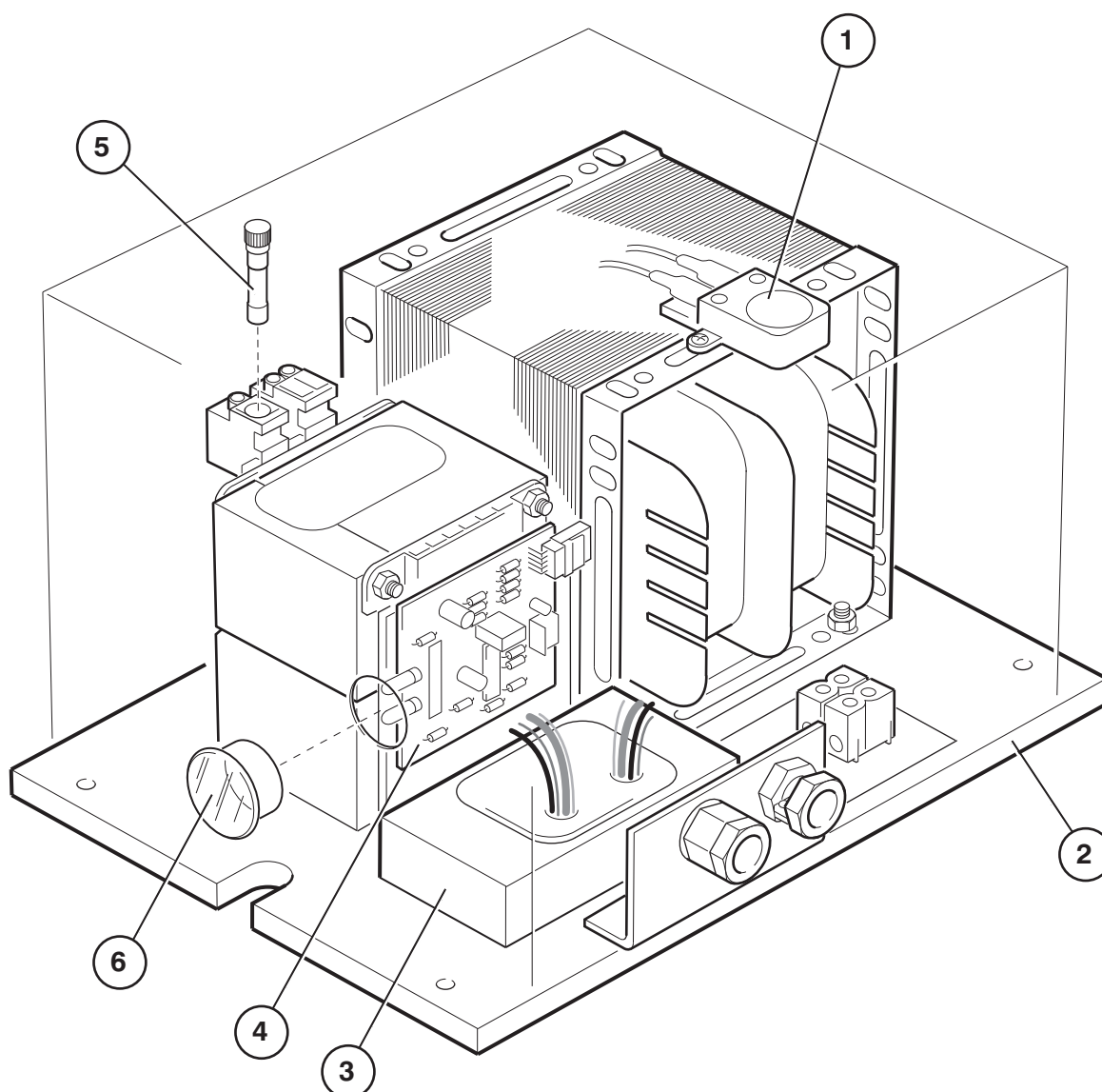
superstructure

2.15 Battery charger (Euro/Australia & USA)

Item	Description	Part Number			
1	Thermal cut-out - 240v (European only)				P15269
2	Charger complete Euro/Australia				P11913
3	Thyristor module				P14993
4	PCB				P70091
5	Fuse 3.15A (Euro)				P15501
6	Lens				P11104
7	Charger assembly (USA) * Circuit board				P22628 P26418

french
german
spanish

superstructure



french
german
spanish

superstructure



nifty



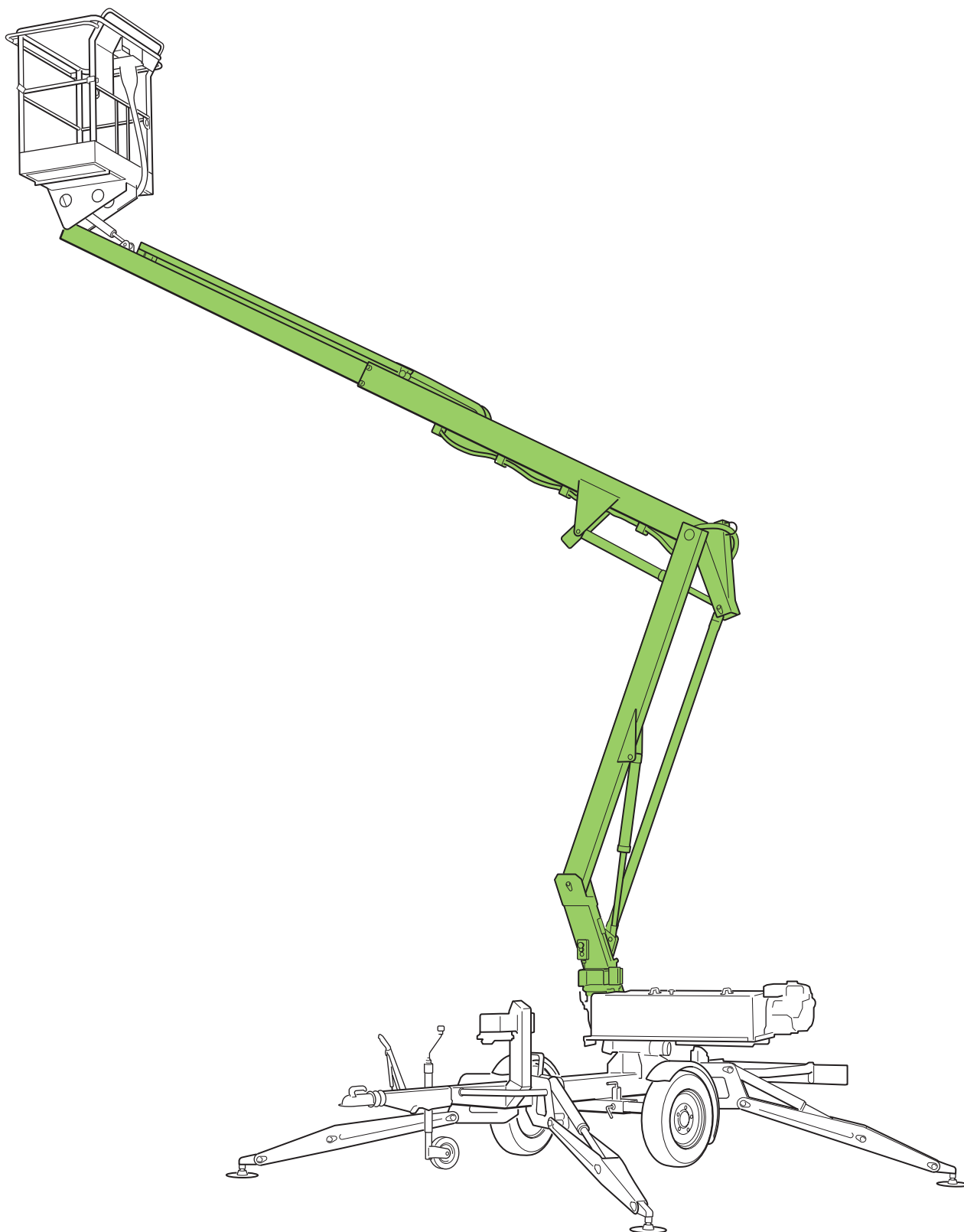
120T (TM34T)

illustrated parts manual

Manuel illustré de pièces détachées

Illustrierte Stückliste

Manual de piezas ilustrado



3

boom assemblies

french
german
spanish

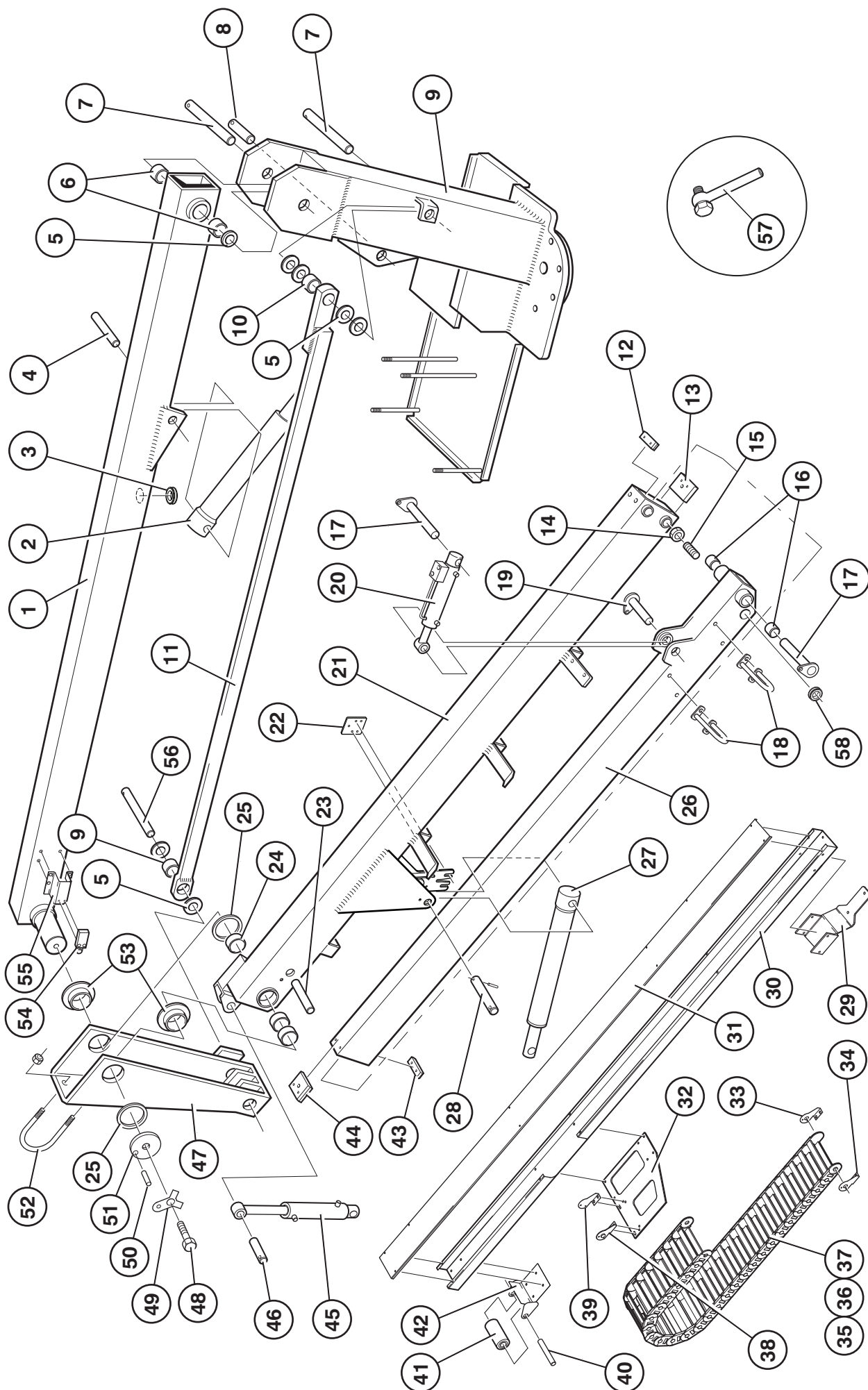
3.1 Booms assembly

Item Description Part Number

1	Boom 2				P20033
2	Lift cylinder See "Lift cylinder" on page 3-6.				P17989
3	Grommet				P11283
4	Pivot pin - 200mm				P15950
5	Plastic washer				P10035
6	Bush DU2550				P10031
7	Pivot pin - 240mm				P19546
8	Pivot pin - 94mm				P12953
9	Boom 1				P20025
10	Bush DU2520				P10032
11	Levelling rod				P20048
12	Wear pad				P15899
13	Wear pad (Black)				P22653
14	Nut				P16312
15	Nylatron stud				P11436
16	Bush DU2525				P10034
17	Pivot pin - 192mm				P10210
18	Hose hoop				P11118
19	Pivot pin - 95mm				P12899
20	Levelling cylinder See "Levelling cylinder" on page 3-8.				P22974
21	Boom 3				P22613
22	Bracket - Boom latch				P20049
23	Pivot pin - 127mm				P12952
24	Bush DU7050				P12324
25	Nylatron washer				P12733
26	Boom 4				P10423
27	Lift cylinder See "Lift cylinder" on page 3-6.				P18323
28	Pivot pin - 146mm Roll pin				P19548 P17485
29	Bracket - Trunking to Boom 4				P19915

french
german
spanish

boom assemblies



french
german
spanish

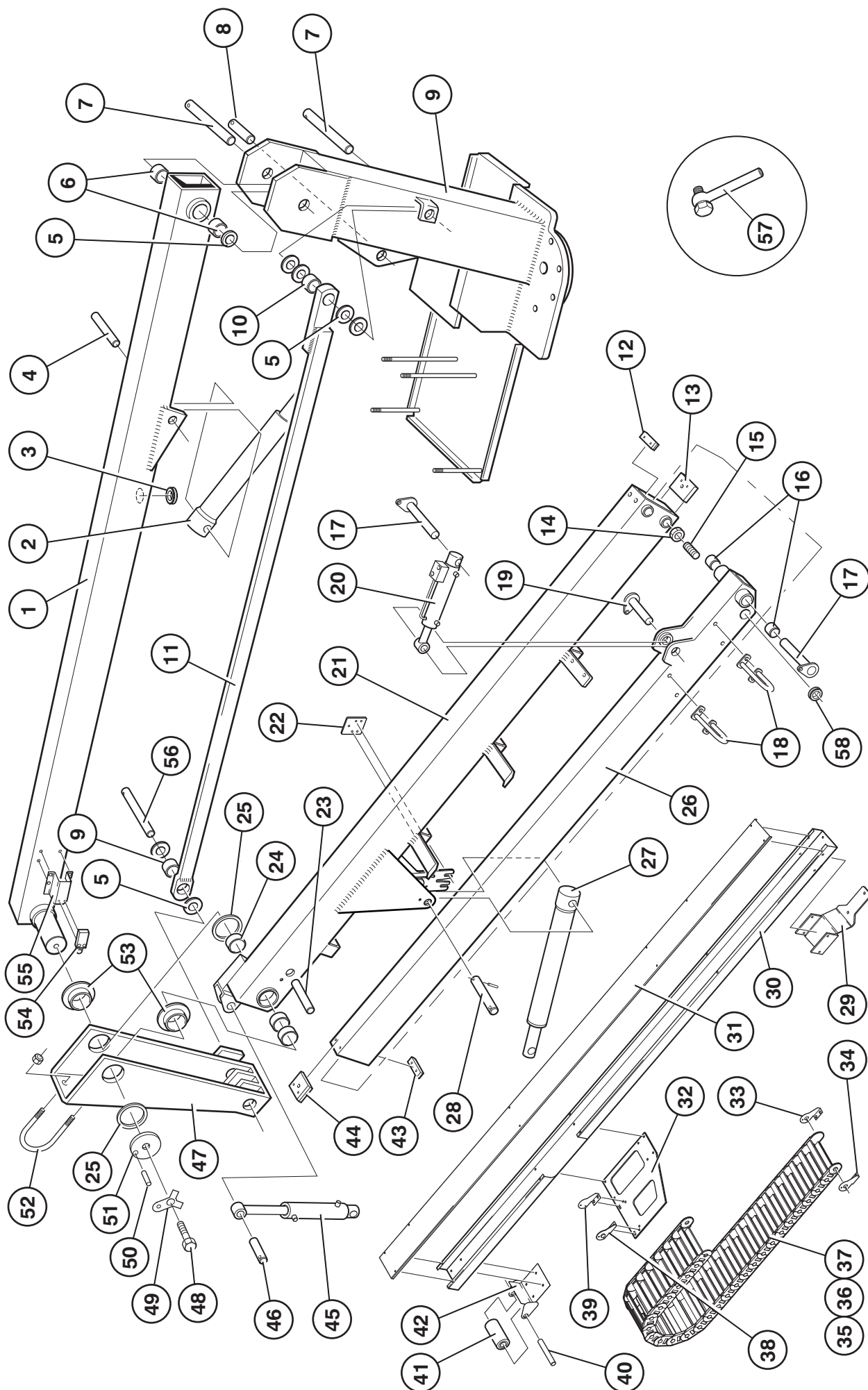
boom assemblies

3.1 continued

Item	Description				Part Number
30	Trunking				P20167
31	Lid - Trunking				P20168
32	Bracket - Trunking to tracking				P12643
33	Lower bracket - Inner				P19228
34	Lower bracket - Outer				P19227
35	Tracking See "Energy chain" on page 3-12.				P19225
36	Tracking link				P15814
37	Tracking bridge				P15813
38	Upper bracket - Outer				P19229
39	Upper bracket - Inner				P19230
40	Roller pin - 126mm				P10682
41	Roller				P10680
42	Roller bracket				P20169
43	Spacer				P10601
44	Wear pad (Red)				P10519
45	Levelling cylinder See "Levelling cylinder" on page 3-8.				P11764
46	Pivot pin - 85mm				P19550
47	Knuckle				P20044
48	Bolt for item 51				P70266
49	Tab washer				P17412
50	Roll pin for item 51				P70267
51	End cap				P10037
52	Hose hoop				P10566
53	Flanged bush				P12719
54	Micro switch				P24994
55	Bracket				P20563
56	Pivot pin - 253mm				P19551
57	Swing bolt (Used with items 4, 7, 8, 23, 28, 46 & 56)				P15966
58	Grommet				P17566

french
german
spanish

boom assemblies



french
german
spanish

boom assemblies

3-5

Figure 3.1 Booms assembly

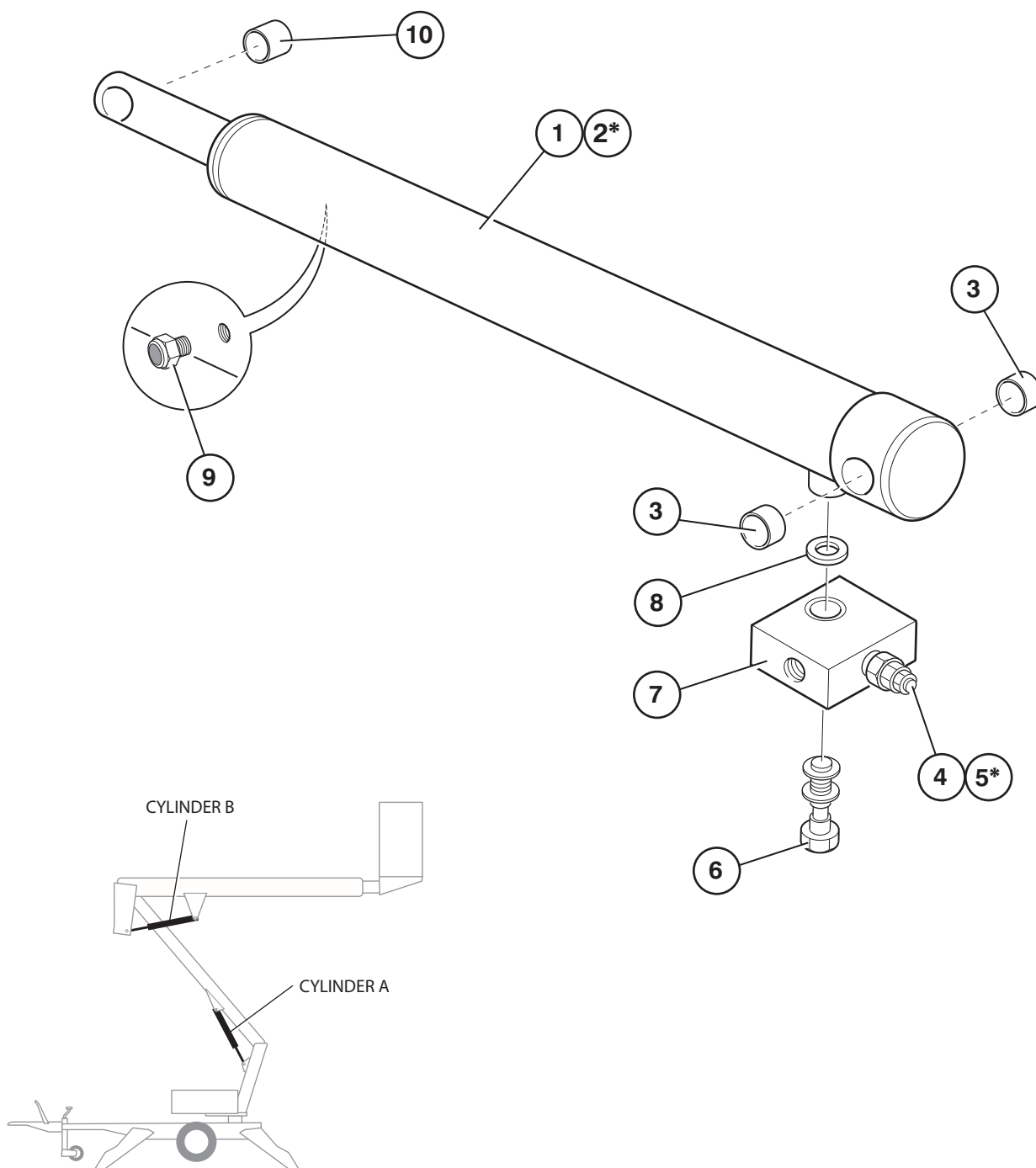
3.2 Lift cylinder

Item	Description	Part Number			
1	Cylinder - A B				P17989 P18323
2 *	Seal kit for item 1				P18550
3	Bush DU2520				P10032
4	Load valve ONLY				P11956
5 *	Seal kit for item 4				P11958
6	Banjo bolt Cylinder A Cylinder B				P10087 P10527
7	Check valve assy				P12403
8	Dowty washer				P70126
9	Sintered breather				P16331
10	Bush DU2530				P24269

* Not illustrated

french
german
spanish

boom assemblies



french
german
spanish

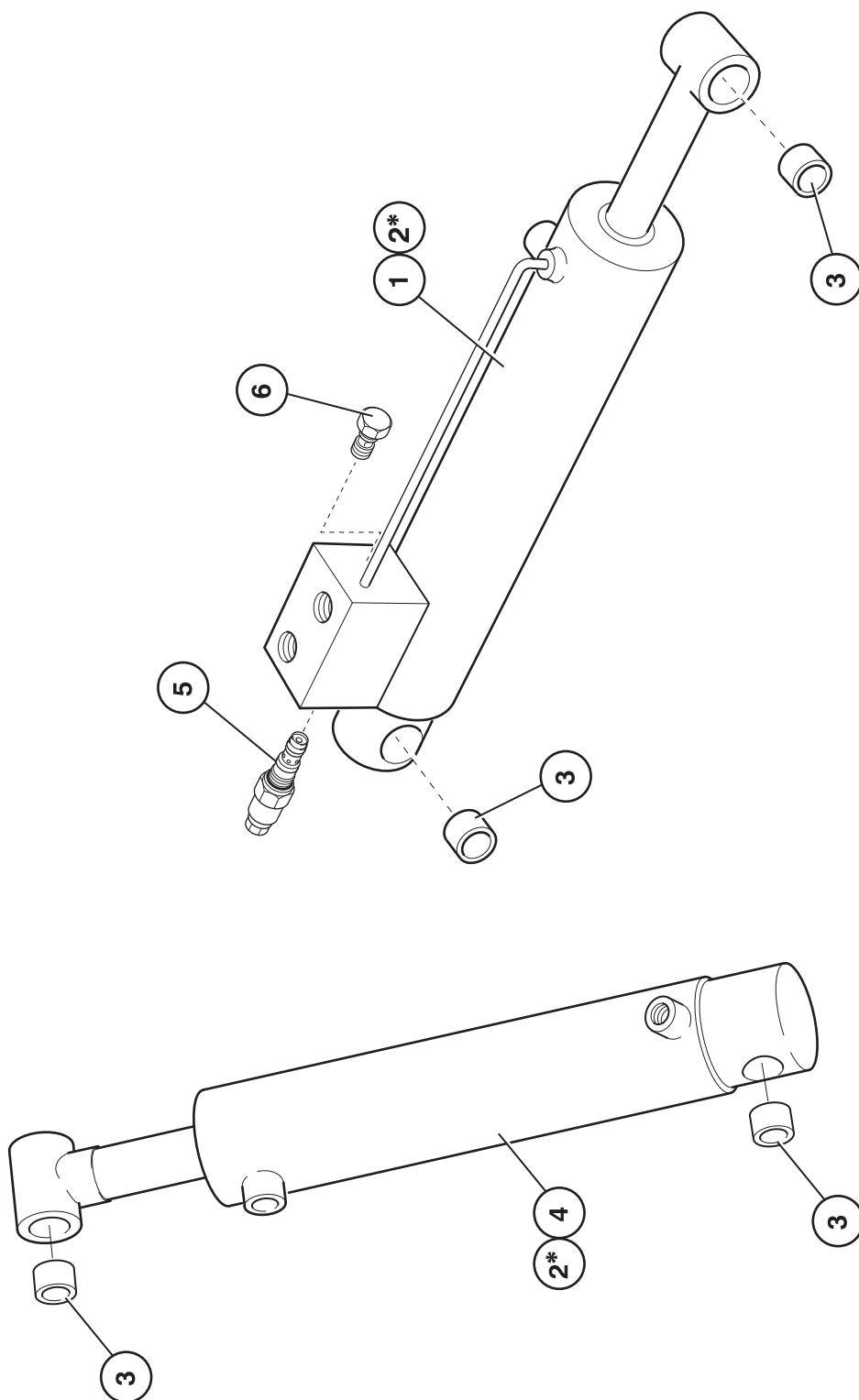
boom assemblies

3-7

3.3 Levelling cylinder

Item	Description				Part Number
1	Cylinder (slave)				P22974
2 *	Seal kit for items 1 and 4				P11082
3	Bush DU2520				P10032
4	Cylinder				P11764
5	Load valve				P11956
6	Check valve cartridge				P17317

* Not illustrated



french
german
spanish

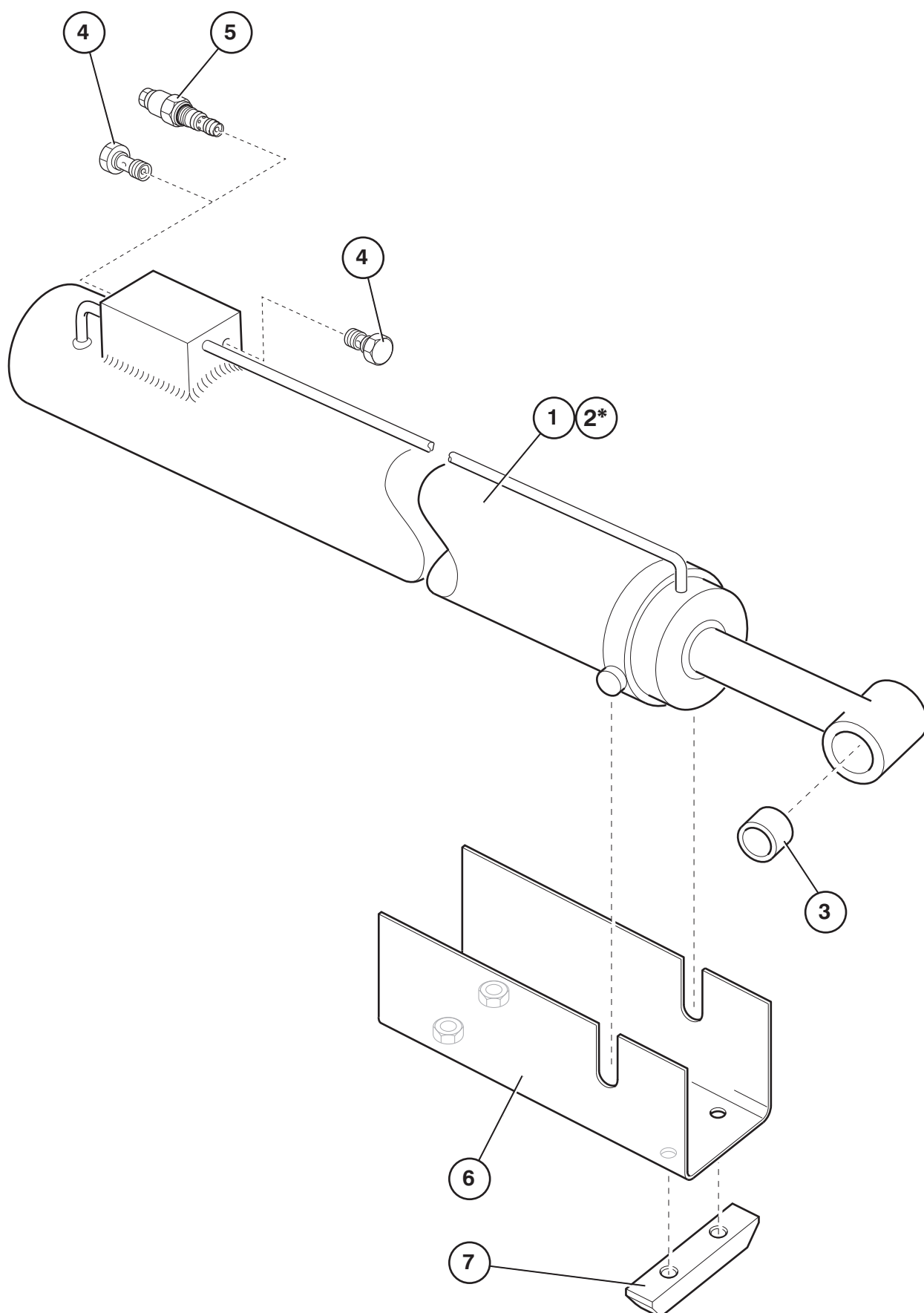
boom assemblies

3-9

3.4 Telescope cylinder

Item	Description				Part Number
1	Cylinder				P13348
2 *	Seal kit for item 1				P11756
3	Bush DU2520				P10032
4	Check valve cartridge				P17317
5	Load valve (Fitted to machines after Jan 2004)				P11956
6	Bracket				P10512
7	Spacer				P10601

* Not illustrated



french
german
spanish

boom assemblies

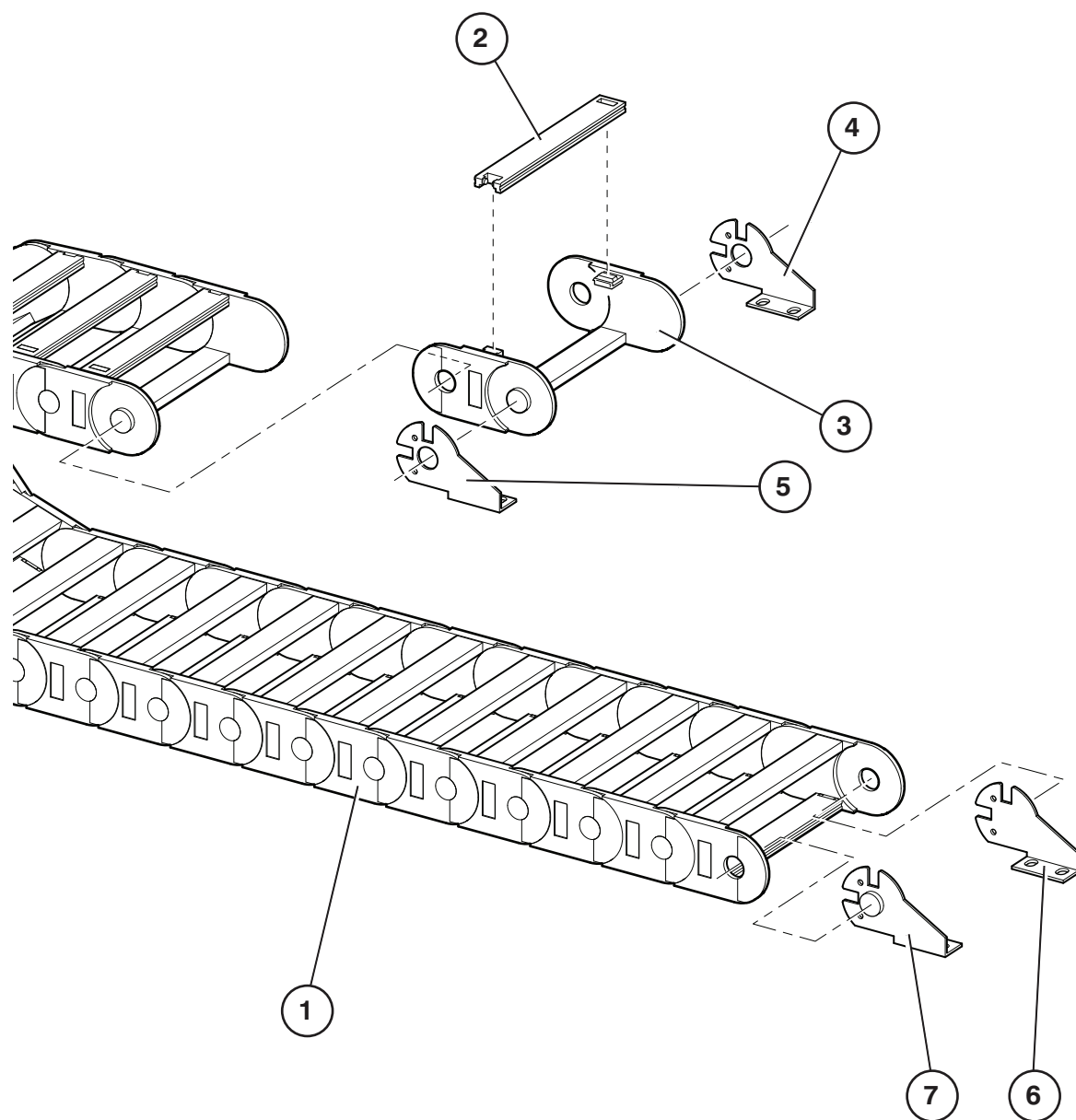
3.5 Energy chain

Item	Description				Part Number
1	Chain assembly (Items 4 to 7 not included)				P19225
2	Bridge				P15813
3	Link (Includes item 2)				P15814
4	Bracket (Inner, with hole)				P19228
5	Bracket (Outer, with hole)				P19227
6	Bracket (Inner)				P19230
7	Bracket (Outer)				P19229

french
german
spanish

boom assemblies

3-12



french
german
spanish

boom assemblies

3-13



nifty



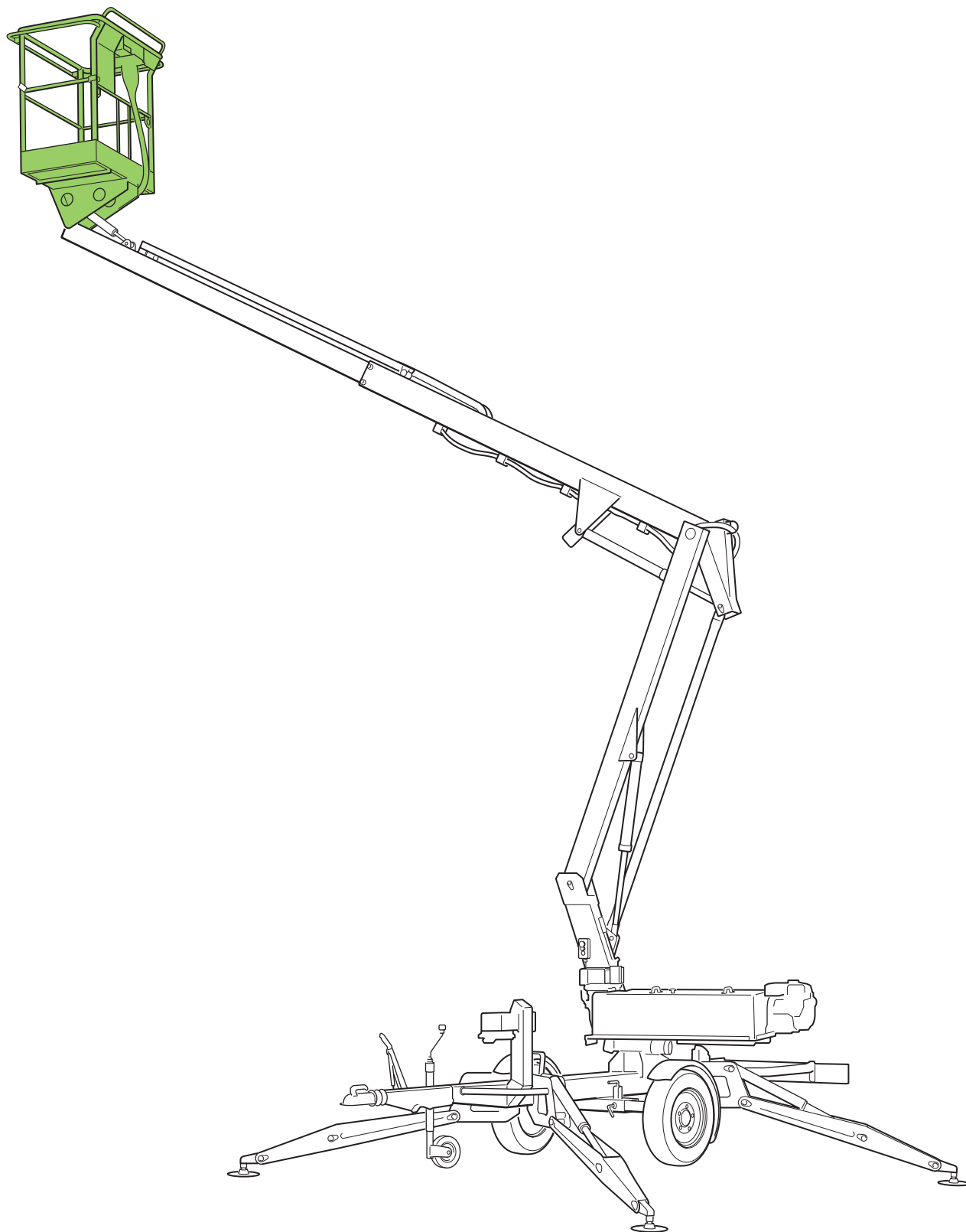
120T (TM34T)

illustrated parts manual

Manuel illustré de pièces détachées

Illustrierte Stückliste

Manual de piezas ilustrado



4



cage assembly

french

german

spanish

4.1 Cage assembly

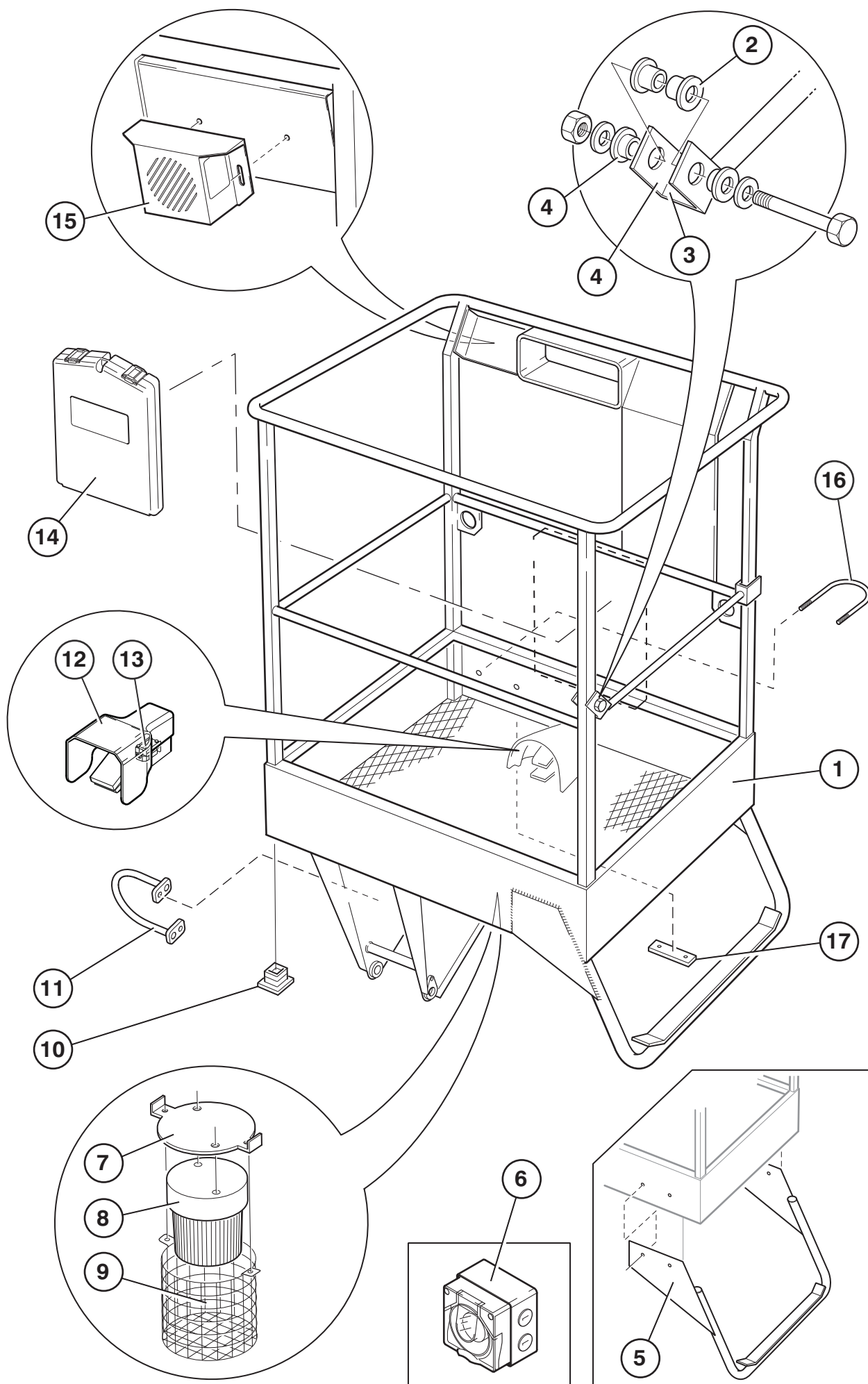
Item Description

Part Number

1	Cage - With Cage Weigh Spring Load Cell Non Cage Weigh TM34T (USA)				P17939 P17050 P12768 P12768
2	Bush				P10840
3	Cage gate				P11610
4	Bush				P18647
5	Step (Cage weigh ONLY)				P16905
6	Socket - 110v/16A (OPTIONAL)				P25082
7	Bracket - Beacon (OPTIONAL)				P11451
8	Beacon (OPTIONAL)				P10274
9	Guard - Beacon (OPTIONAL)				P10312
10	Cap				P10841
11	Hoop				P11118
12	Footswitch (OPTIONAL)				P10759
13	Electrical contact				P15209
14	Instruction manual box (OPTIONAL)				P11618
15	Annunciator (OPTIONAL)				P13836
16	Hoop (U Bolt)				P10566
17	Wear Pad (Non cage weigh/ USA only)				P15167

french
german
spanish

cage assembly



french
german
spanish

cage assembly

Figure 4.1 Cage assembly

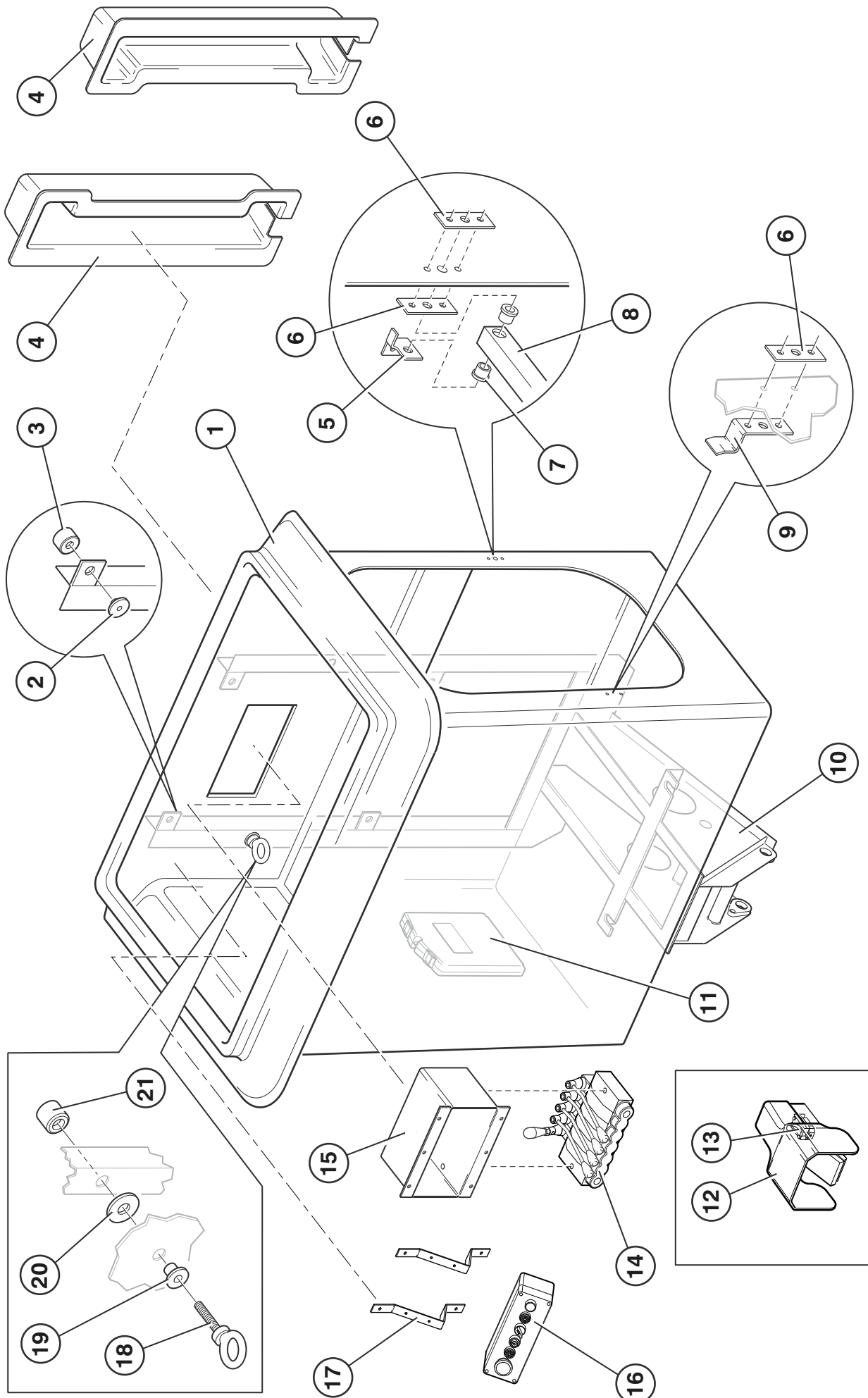
4.2 Cage assembly (Fibreglass)

Item	Description	Part Number			
1	Cage RH entry				P10973
2	Bolt insulator				P11606
3	Insulator cup				P11607
4	Frame cover				P12213
5	Gate plate (angled)				P18661
6	Gate plate				P11063
7	Bush				P10840
8	Cage gate				P11061
9	Gate rest plate (inner)				P11062
10	Mounting frame Non cage weigh * Cage weigh (LC) * (Spring)				P10944 P17551 P18241
11	Instruction manual box				P11618
12	Footswitch (OPTIONAL) Cover ONLY				P26601 P26752
13	Electrical contact				P26751
14	Control valve See "Control valve assembly (Cage)" on page 4-10.				P15521
15	Mounting bracket				P12857
16	Button box See "Button box assemblies (Cage)" on page 4-12.				N/A
17	Bracket for item 16				P12612
18	Eye bolt (M16)				N/A
19	Bolt insulator				P11533
20	Insulator spacer				P11608
21	Insulator cup				P11534

* Not illustrated

french
german
spanish

cage assembly



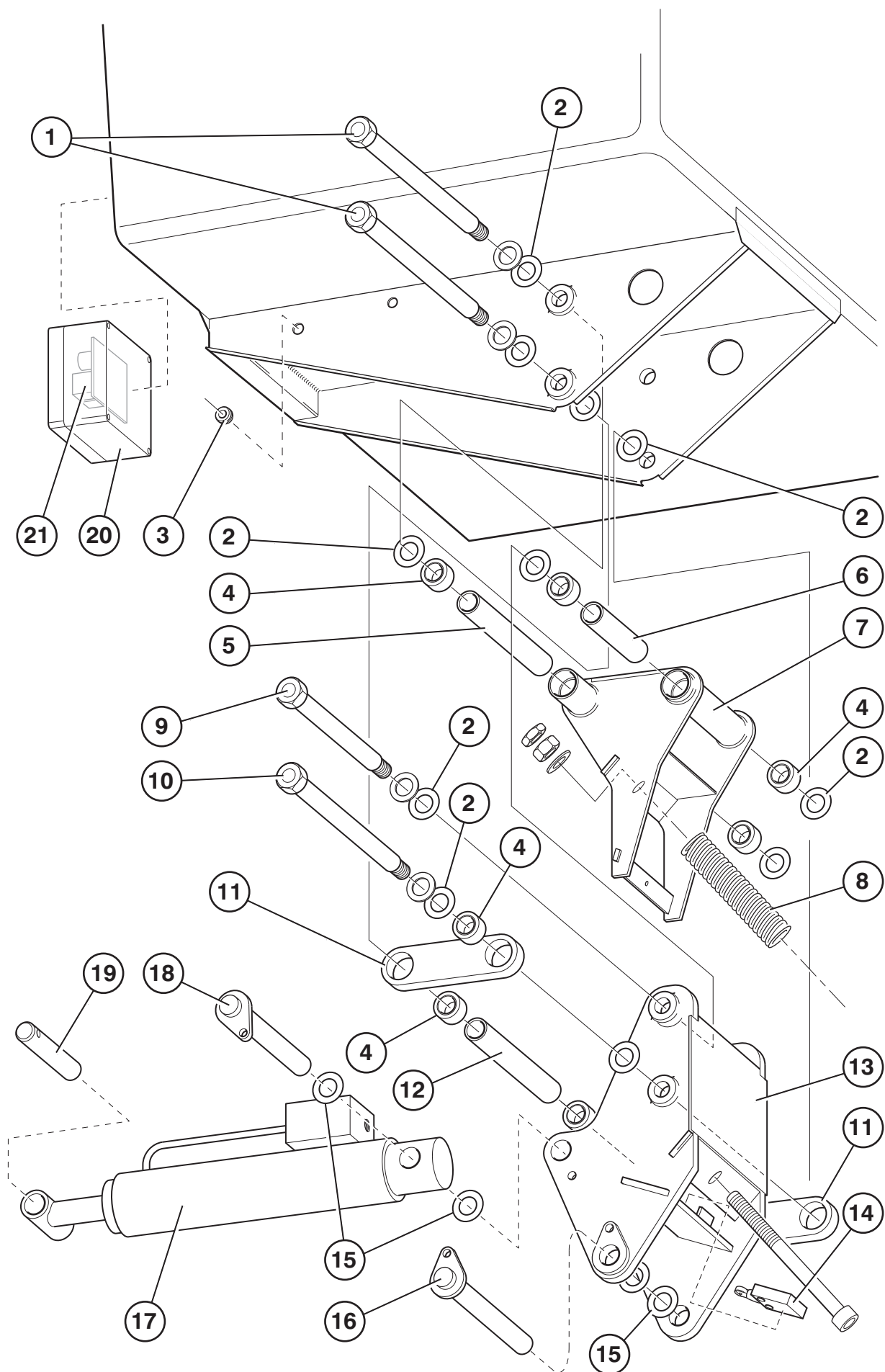
french
german
spanish

cage assembly

Figure 4.2 Cage assembly (Fibreglass)

4.3 Cage weigh assembly (Spring)

Item	Description				Part Number
1	Pivot pin - 274mm				P17942
2	Washer				P18058
3	Grommet				P14456
4	Bearing				P18080
5	Distance tube				P17975
6	Distance tube				P17974
7	Inner frame				P17937
8	Spring				P18079
9	Pivot pin - 208mm				P17940
10	Pivot pin - 251mm				P17941
11	Swivel arm				P17938
12	Distance tube				P17944
13	Outer frame				P17936
14	Microswitch				P18150
15	Washer				P10035
16	Pivot pin - 192mm				P10210
17	Levelling cylinder See "Levelling cylinder" on page 3-8.				P22974
18	Pivot pin - 182mm				P10029
19	Pivot pin - 110mm				P13157
20	Box				P11910
21	PCB - Cage Weigh				P16164



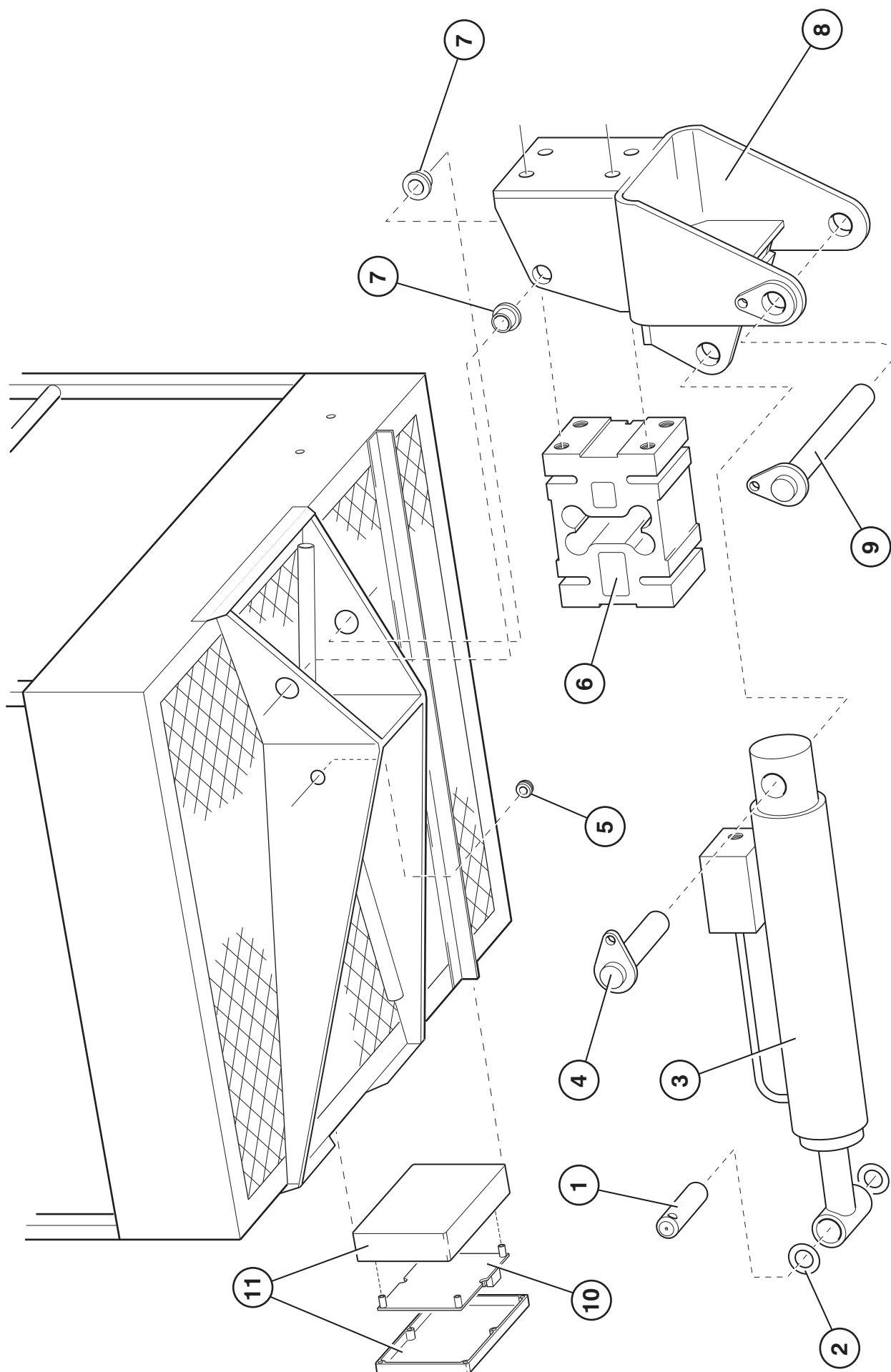
french
german
spanish

cage assembly

4-7

4.4 Cage weigh assembly (Load Cell)

Item	Description				Part Number
1	Pin - 110mm				P13157
2	Washer - plastic				P10035
3	Levelling cylinder See "Levelling cylinder" on page 3-8.				P22974
4	Pin - 95mm				P12899
5	Grommet				P14456
6	Load cell 1.1m cable 2.4m cable				P18179 P29179
7	Rubber grommet				P16983
8	Lower chassis				P16866
9	Pin - 192mm				P10210
10	PCB - 2000kg 12v				P18185
11	Box assembly				P17133



french
german
spanish

cage assembly

4-9

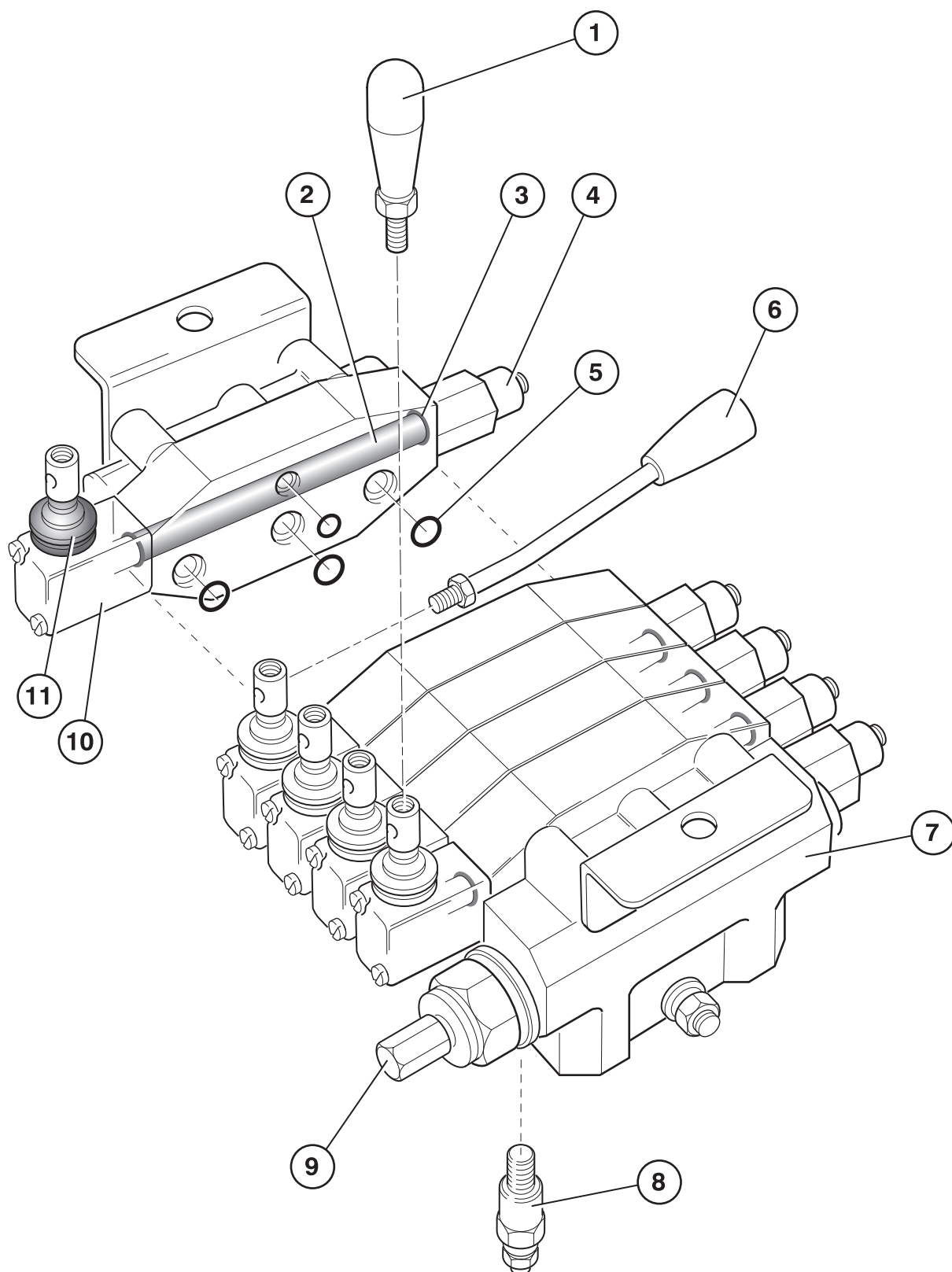
Figure 4.4 Cage weigh assembly (Load cell)

4.5 Control valve assembly (Cage)

Item	Description	Part Number			
1	Lever (Levelling)				P70347
2	Spool AS AST				P15510 P15511
3	Valve seal kit				P10707
4	Spool return spring assembly				P16234
5	Interface seal kit				P10706
6	Lever (150mm)				P70346
7	Valve assembly - 5 spool				P15521
8	Pressure relief valve Telescope spool Levelling spool Boom 3 spool				P10879 P10879 P15840
9	Pressure relief valve				P70335
10	Lever cap				P70338
11	Rubber boot				P12225

french
german
spanish

cage assembly



french
german
spanish

cage assembly

4-11

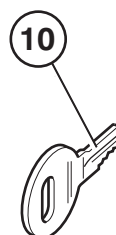
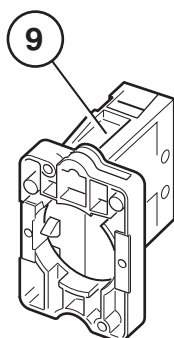
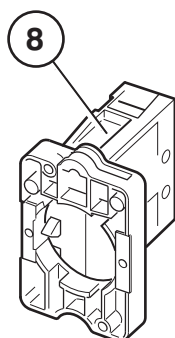
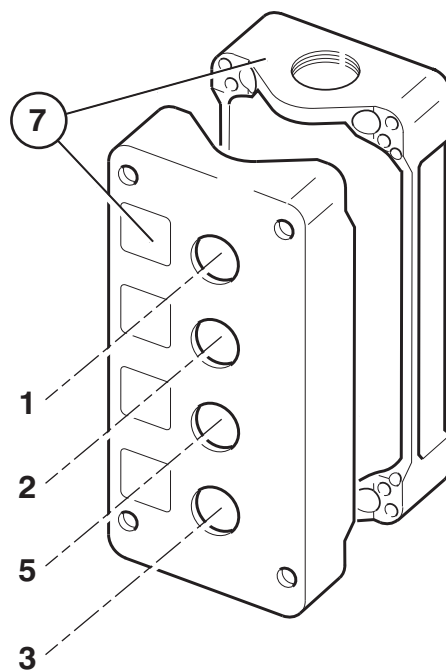
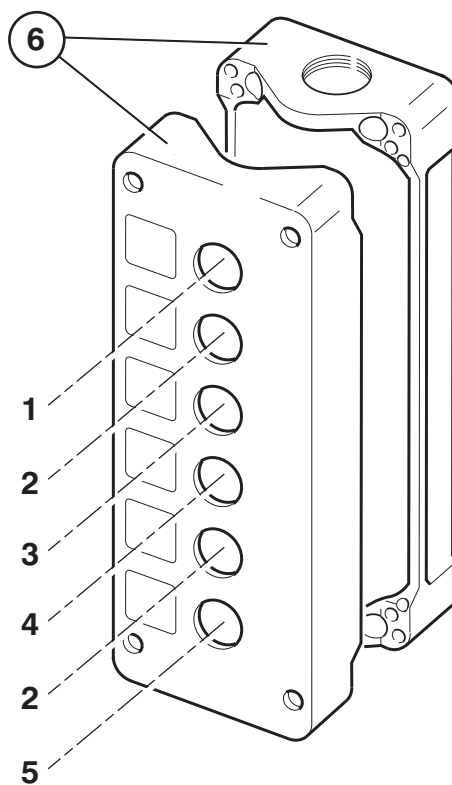
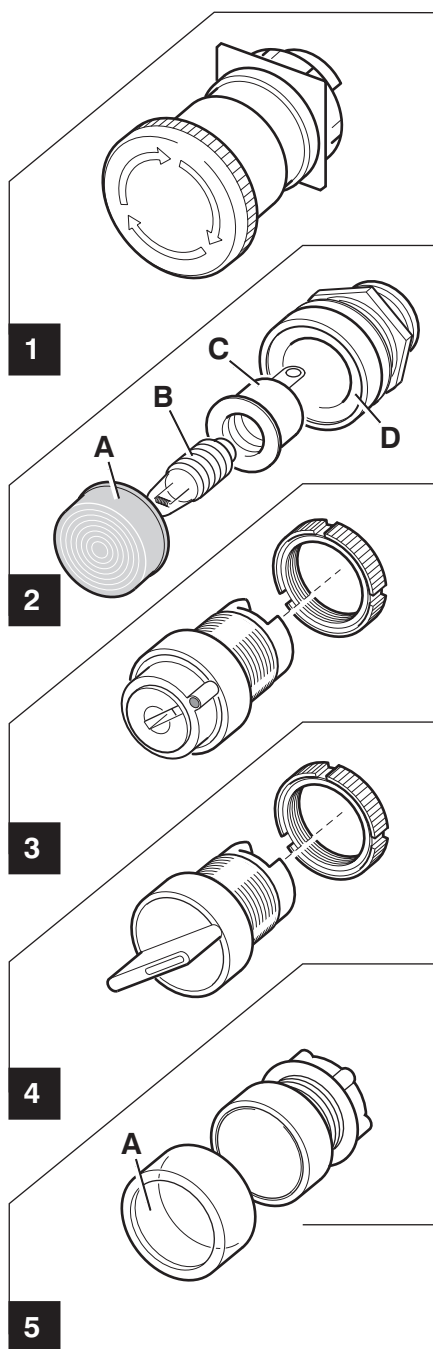
4.6 Button box assemblies (Cage)

Item	Description				Part Number
1	E-stop button USA Only				P10342 P21541
2	(A) Pilot light lens (B) Bulb (C) Lamp holder (D) Lamp housing				P11295 P11791 P11790 P14276
3	Key switch - 455 key 2 position				P10076
4	Selector - 3 position (spring loaded) 2 position				P12692 P10777
5	Button - Green Blue Black (A) Rubber cover Standard Extended				P10075 P11117 P10723 P22414 P15213
6	Button box - 6 hole 50mm deep 80mm deep				P15141 P22418
7	Button box - 4 hole 50mm deep 80mm deep				P22417 P22416
8	Contact - NO (Used with items 3, 4 and 5)				P11838
9	Contact - NC (Used with Item 1)				P11839
10	Key				P70187
11 *	Cover - Blank				P11251

* Not illustrated

french
german
spanish

cage assembly



french
german
spanish

cage assembly



nifty



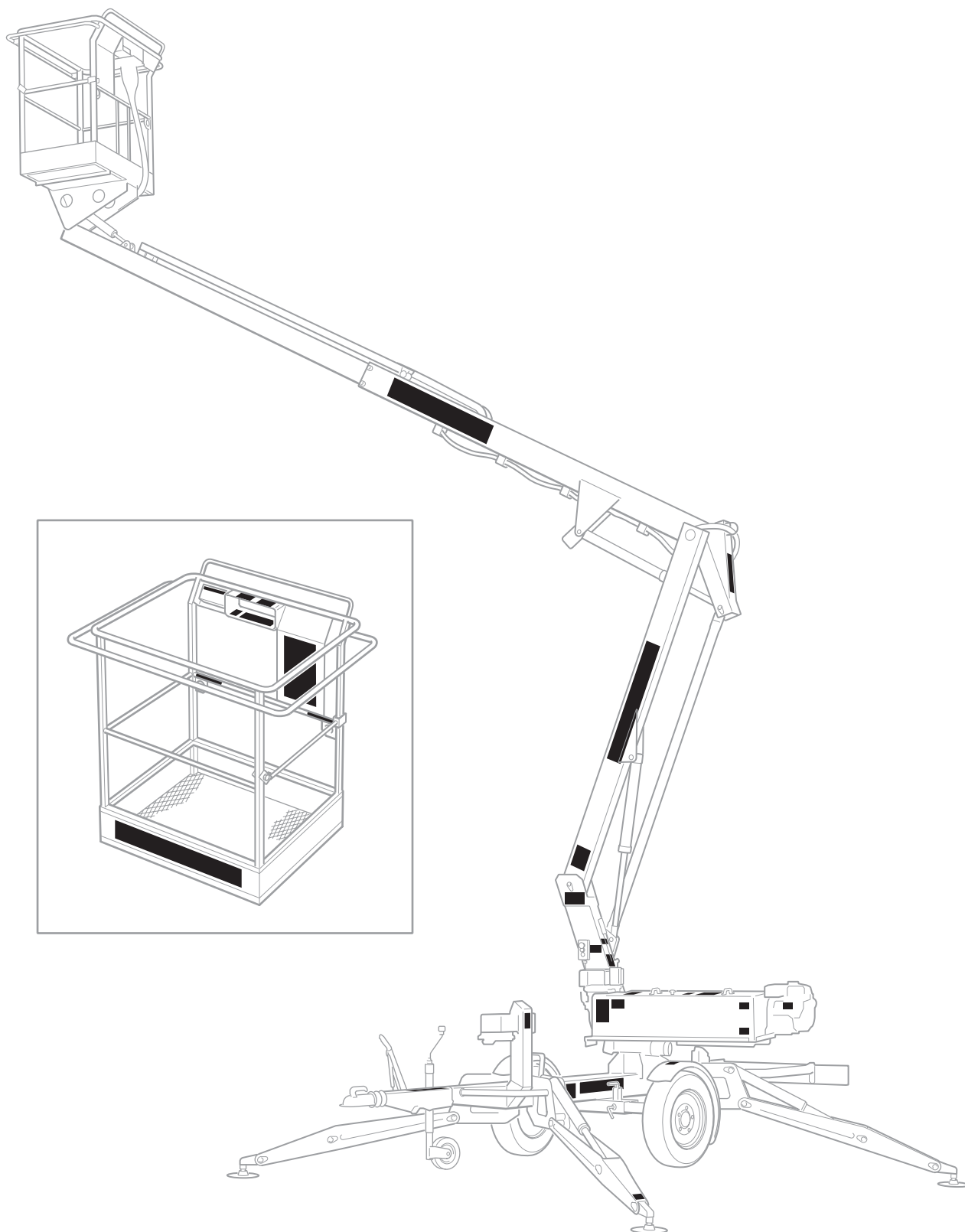
120T (TM34T)

illustrated parts manual

Manuel illustré de pièces détachées

Illustrierte Stückliste

Manual de piezas ilustrado



5



labelling
french
german
spanish

5.1 Label locations 120T

Item	Description	Part Number
1	Harness point	P14883
	french	P14883
	german	P14883
	spanish	P14883
	dutch	P14883
	italian	P14883

2	Button box (without cage weigh)	Bi-energy AC or DC	P15924 P15925
	french		P15924 P15925
	german		P15924 P15925
	spanish		P15924 P15925
	dutch		P15924 P15925
	italian		P15924 P15925

3	Button box (with cage weigh)	Bi-energy AC or DC	P17457 P17212
	french		P17457 P17212
	german		P17457 P17212
	spanish		P17457 P17212
	dutch		P17457 P17212
	italian		P17457 P17212

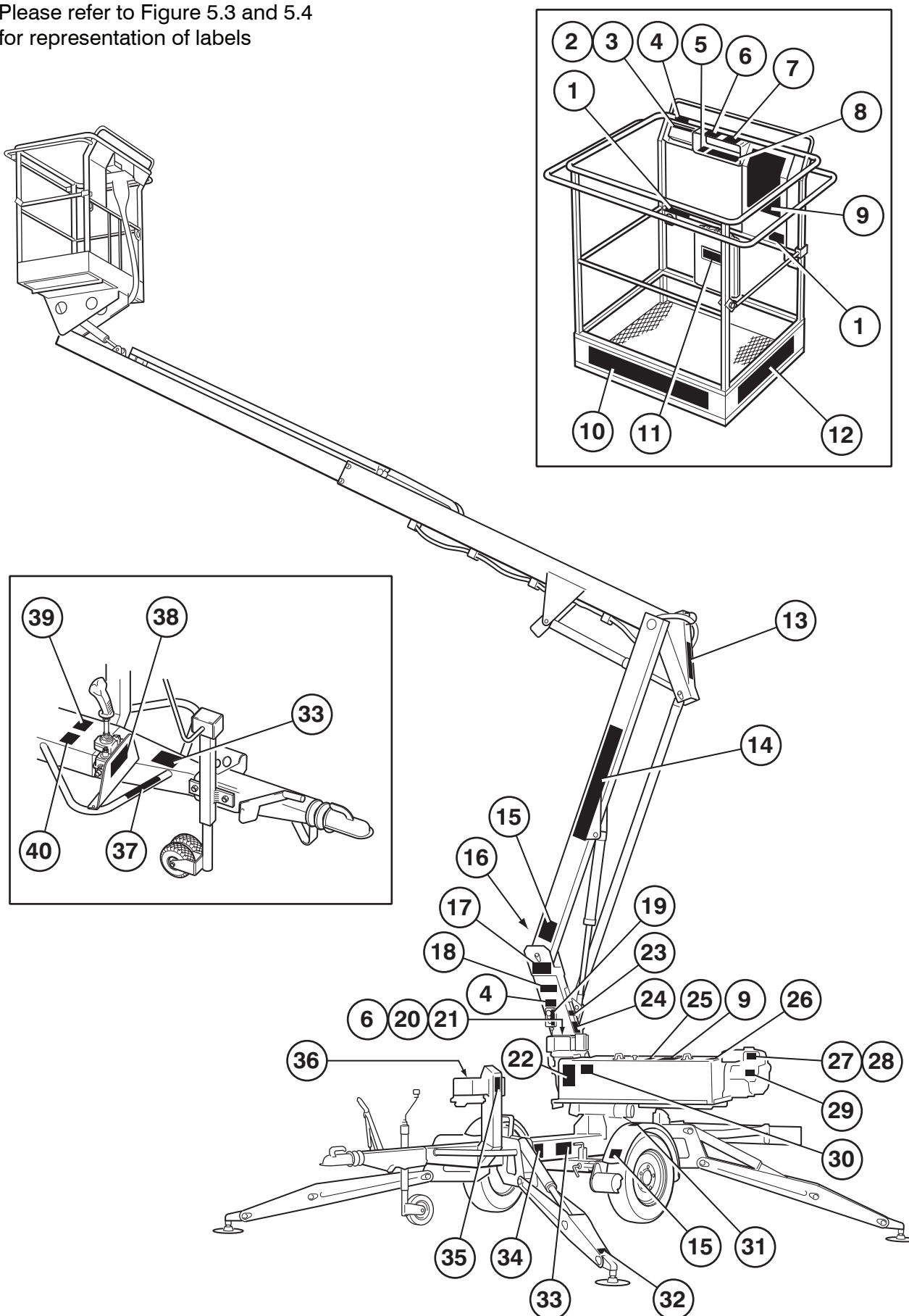
4	If emergency stop disabled		P14864
	french		P14865
	german		P14866
	spanish		P14867
	dutch		P16628
	italian		P16651

5	Basket levelling		P10853
	french		P10853
	german		P10853
	spanish		P10853
	dutch		P10853
	italian		P10853

french
german
spanish

labelling

Please refer to Figure 5.3 and 5.4 for representation of labels



french
german
spanish

labelling

5.1 continued

Item	Description	Part Number
6	Outrigger alarm	P18842
	french	P18843
	german	P18844
	spanish	P18845
	dutch	P18846
	italian	P18847

7	Push and release	P19092
	french	P19092
	german	P19092
	spanish	P19092
	dutch	P19092
	italian	P19092

8	Control levers - Cage	P14927
	french	P14927
	german	P14927
	spanish	P14927
	dutch	P14927
	italian	P14927

9	General warning	P21970
	french	P21971
	german	P21972
	spanish	P21973
	dutch	P21974
	italian	P21975

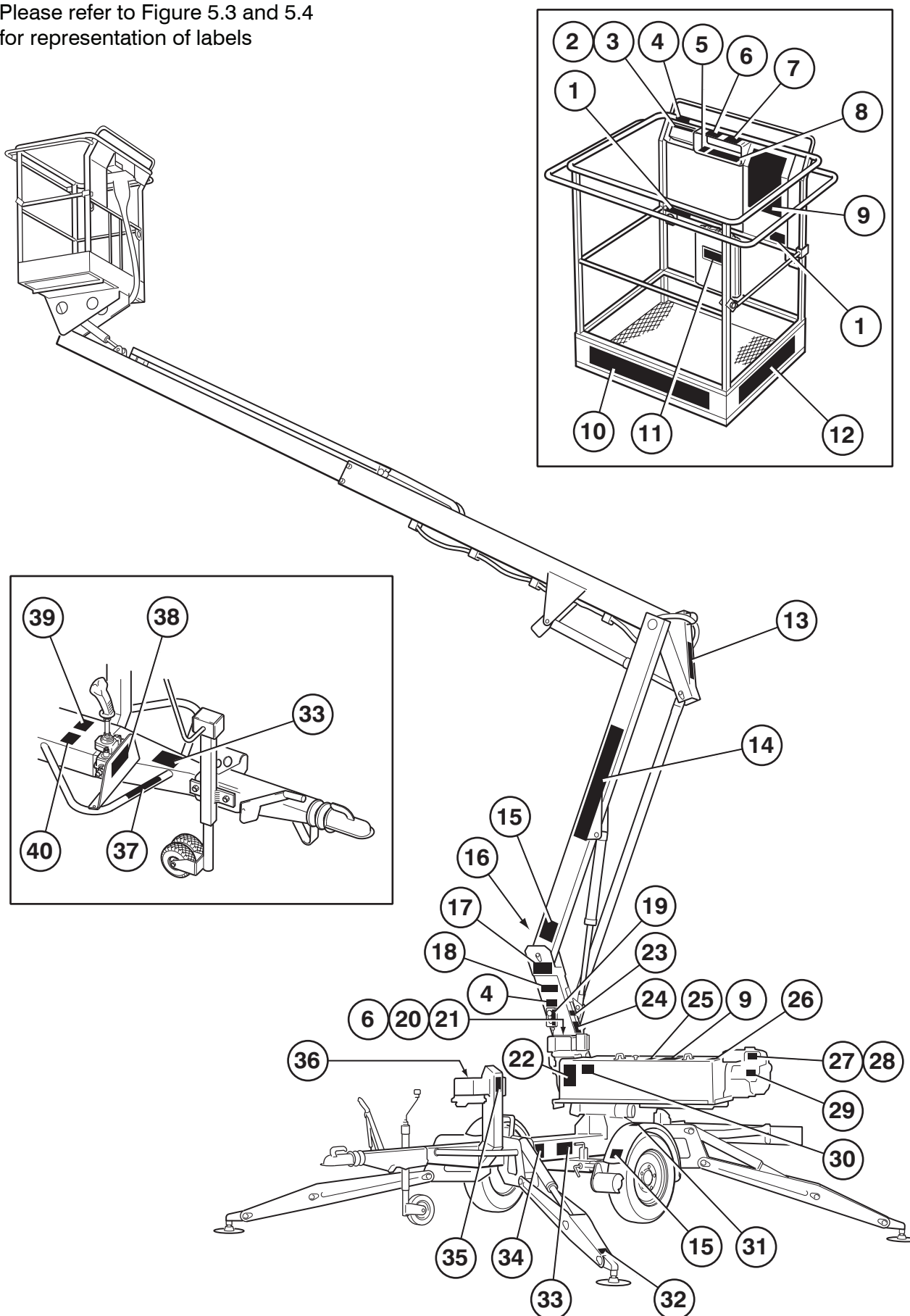
10	niftylift.com	P14597
	french	P14597
	german	P14597
	spanish	P14597
	dutch	P14597
	italian	P14597

11	Operating instructions	P14892
	french	P14892
	german	P14892
	spanish	P14892
	dutch	P14892
	italian	P14892

french
german
spanish

labelling

Please refer to Figure 5.3 and 5.4 for representation of labels



french
german
spanish

labelling

5.1 continued

Item	Description	Part Number
12	Warning - SWL 200kg	P14801
	french	P14801
	german	P14801
	spanish	P14801
	dutch	P14801
	italian	P14801

13	Coupling instructions	P14896
	french	P14897
	german	P14898
	spanish	P14899
	dutch	P16263
	italian	P17267

14	Nifty 120T	P14598
	french	P14598
	german	P14598
	spanish	P14598
	dutch	P14598
	italian	P14598

15	Crush hazard	P14782
	french	P14782
	german	P14782
	spanish	P14782
	dutch	P14782
	italian	P14782

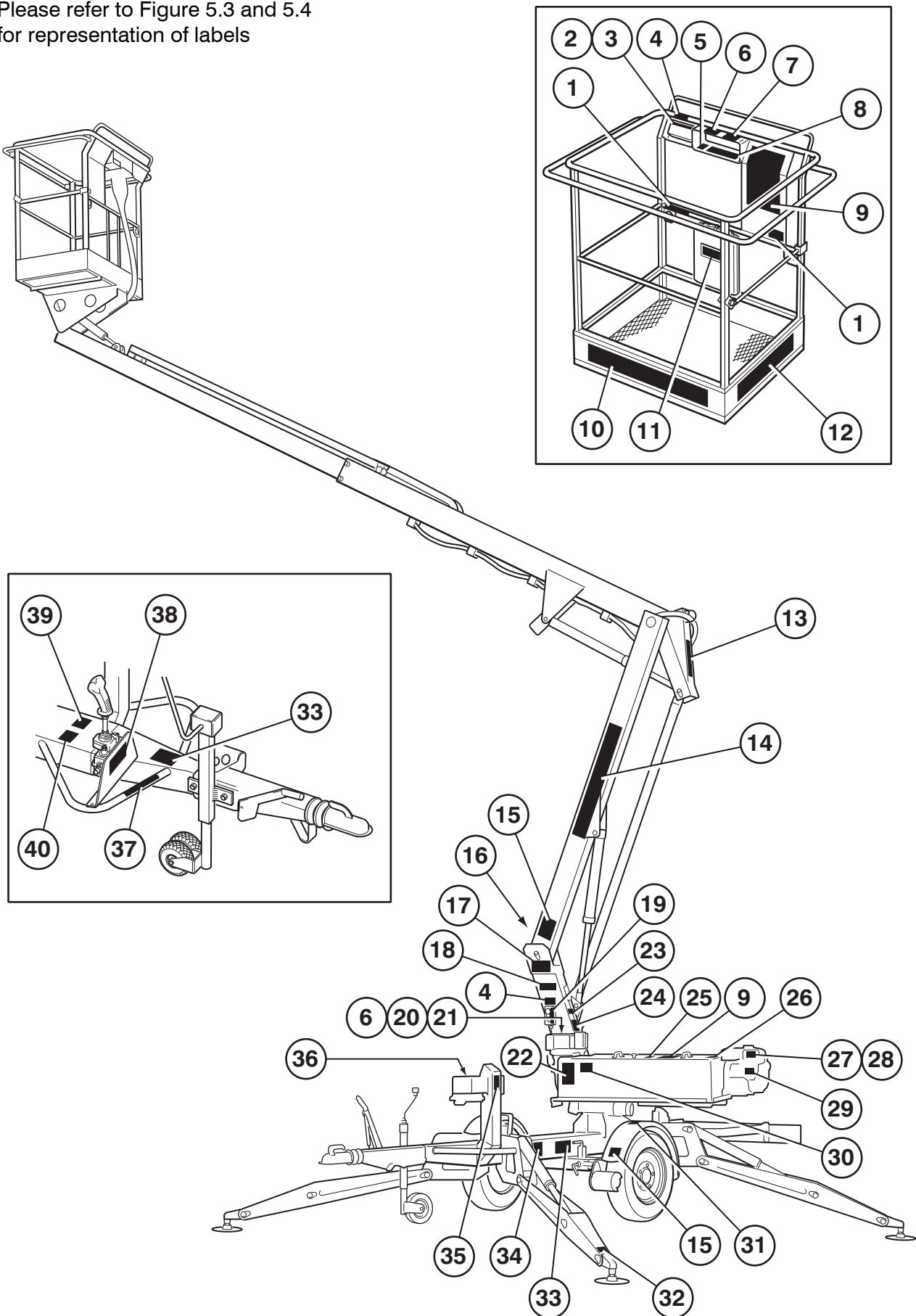
16	Head protection	P14921
	french	P14921
	german	P14921
	spanish	P14921
	dutch	P14921
	italian	P14921

17	Component stability	P19708
	french	P19709
	german	P19710
	spanish	P19711
	dutch	P19712
	italian	P19713

french
german
spanish

labelling

Please refer to Figure 5.3 and 5.4 for representation of labels



french
german
spanish

labelling

5.1 continued

Item	Description	Part Number
18	Overload warning	P18848
	french	P18849
	german	P18850
	spanish	P18851
	dutch	P18852
	italian	P18853

19	Button box	(cage weigh) (instinctive)	P17219 P15881
	french		P24764 P15881
	german		P17219 P15881
	spanish		P17219 P15881
	dutch		P17219 P15881
	italian		P17219 P15881

20	Control levers - Base		P14926
	french		P14926
	german		P14926
	spanish		P14926
	dutch		P14926
	italian		P14926

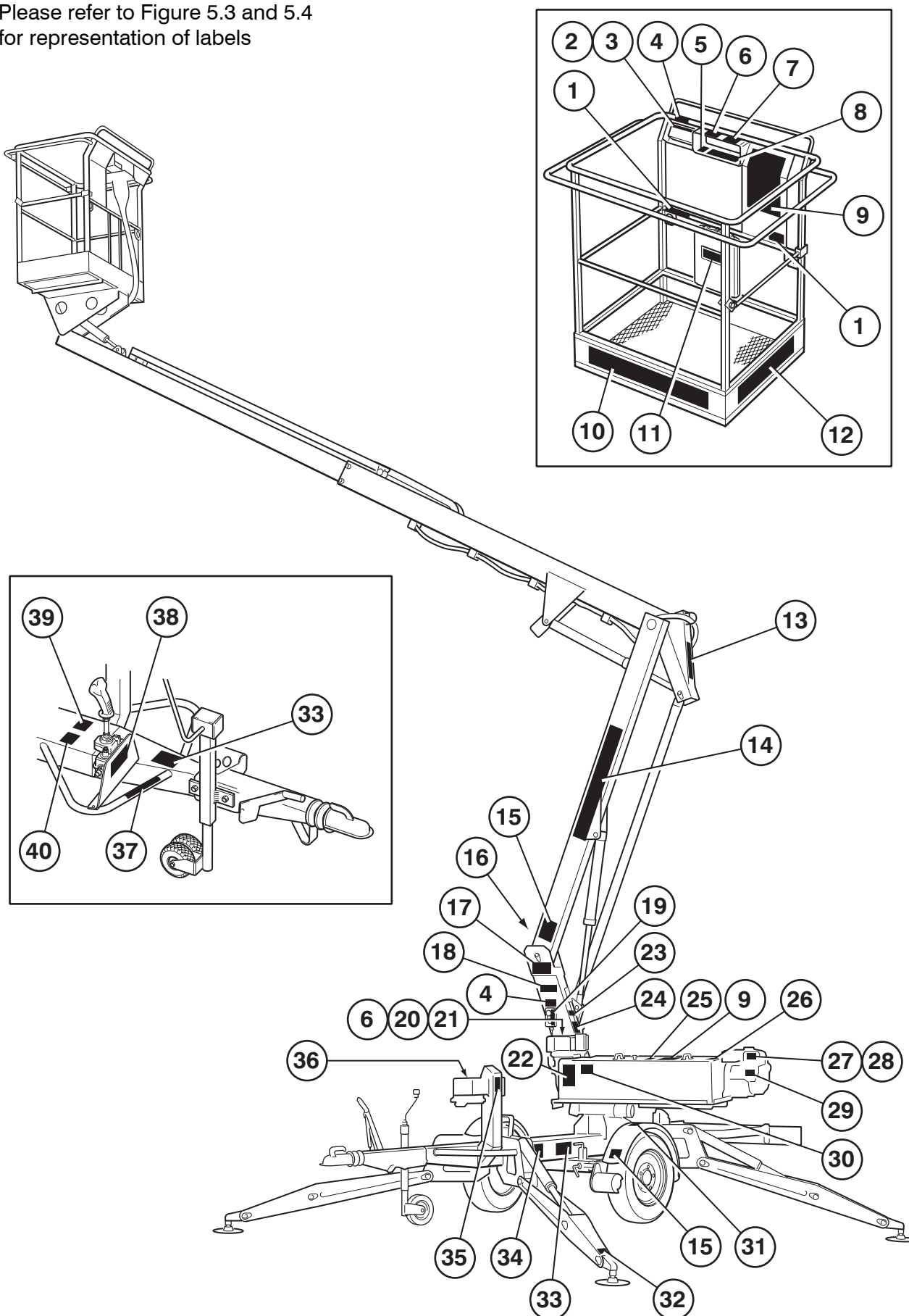
21	Manual descent		P19090
	french		P19090
	german		P19090
	spanish		P19090
	dutch		P19090
	italian		P19090

22	Battery charging		P14904
	french		P14905
	german		P14906
	spanish		P14907
	dutch		P16746
	italian		P16662

french
german
spanish

labelling

Please refer to Figure 5.3 and 5.4 for representation of labels



french
german
spanish

labelling

5.1 continued

Item	Description	Part Number
23	Union Jack Flag	P10780
	french	P10780
	german	P10780
	spanish	P10780
	dutch	P10780
	italian	P10780

24	Machine plate (Blank)	P15383
	french	P15383
	german	P15383
	spanish	P15383
	dutch	P15383
	italian	P15383

25	No step	P14785
	french	P14785
	german	P14785
	spanish	P14785
	dutch	P14785
	italian	P14785

26	Fuelling danger	P14900
	french	P14901
	german	P14902
	spanish	P14903
	dutch	P16395
	italian	P16644

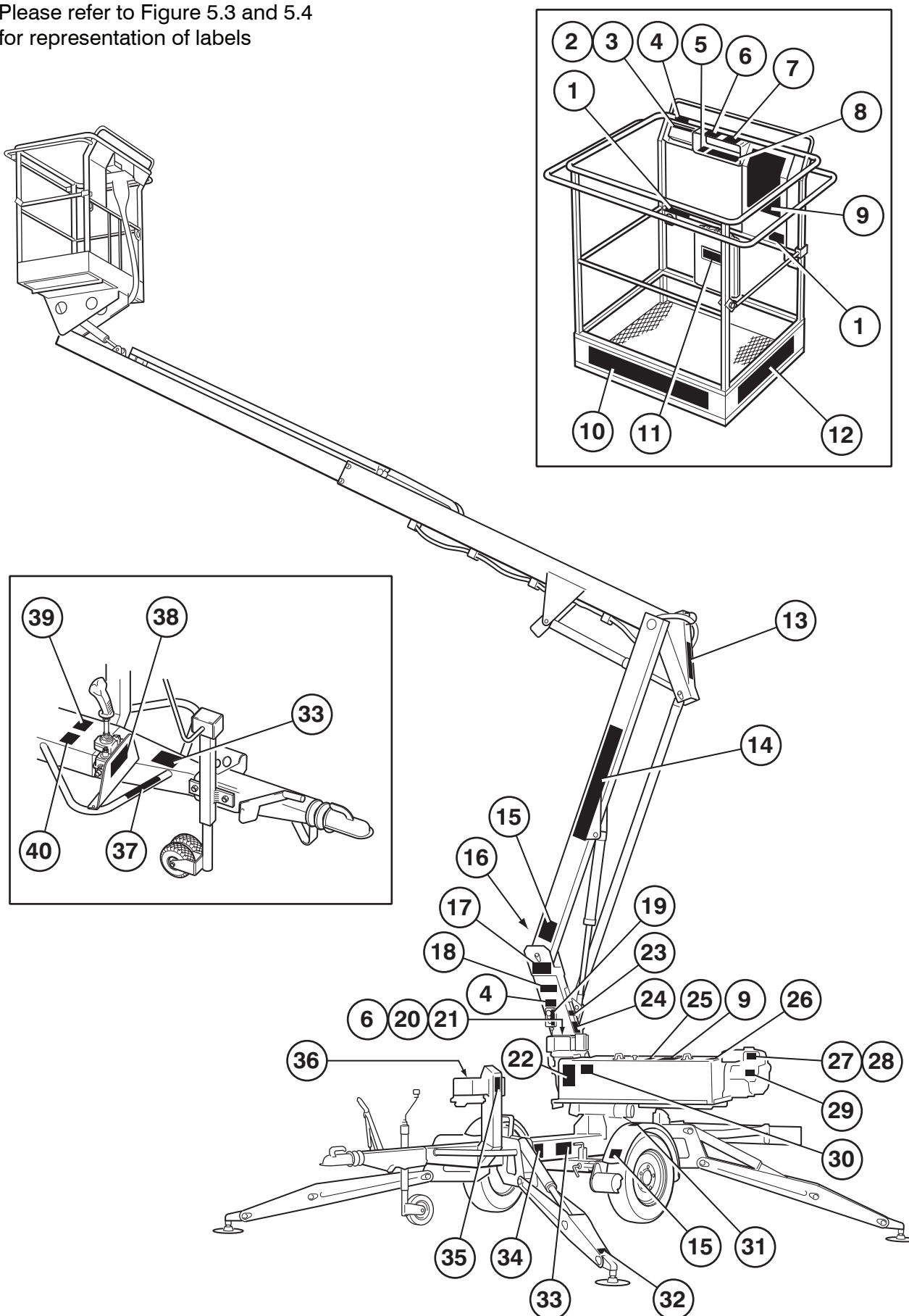
27	Petrol OFF (Petrol engine ONLY)	P19055
	french	P19055
	german	P19055
	spanish	P19055
	dutch	P19055
	italian	P19055

28	Diesel (Diesel engine ONLY)	P14414
	french	P14414
	german	P14414
	spanish	P14414
	dutch	P14414
	italian	P14414

french
german
spanish

labelling

Please refer to Figure 5.3 and 5.4 for representation of labels



french
german
spanish

labelling

5.1 continued

Item	Description	Part Number
29	Noise warning - 85dB	P17124
	french	P17124
	german	P17124
	spanish	P17124
	dutch	P17124
	italian	P17124

30	Battery - Isolator	P18600
	french	P18600
	german	P18600
	spanish	P18600
	dutch	P18600
	italian	P18600

31	Tyre pressure - 65 psi	P14876
	french	P14876
	german	P14876
	spanish	P14876
	dutch	P14876
	italian	P14876

32	Point load - 9.4 kN	P14962
	french	P14962
	german	P14962
	spanish	P14962
	dutch	P14962
	italian	P14962

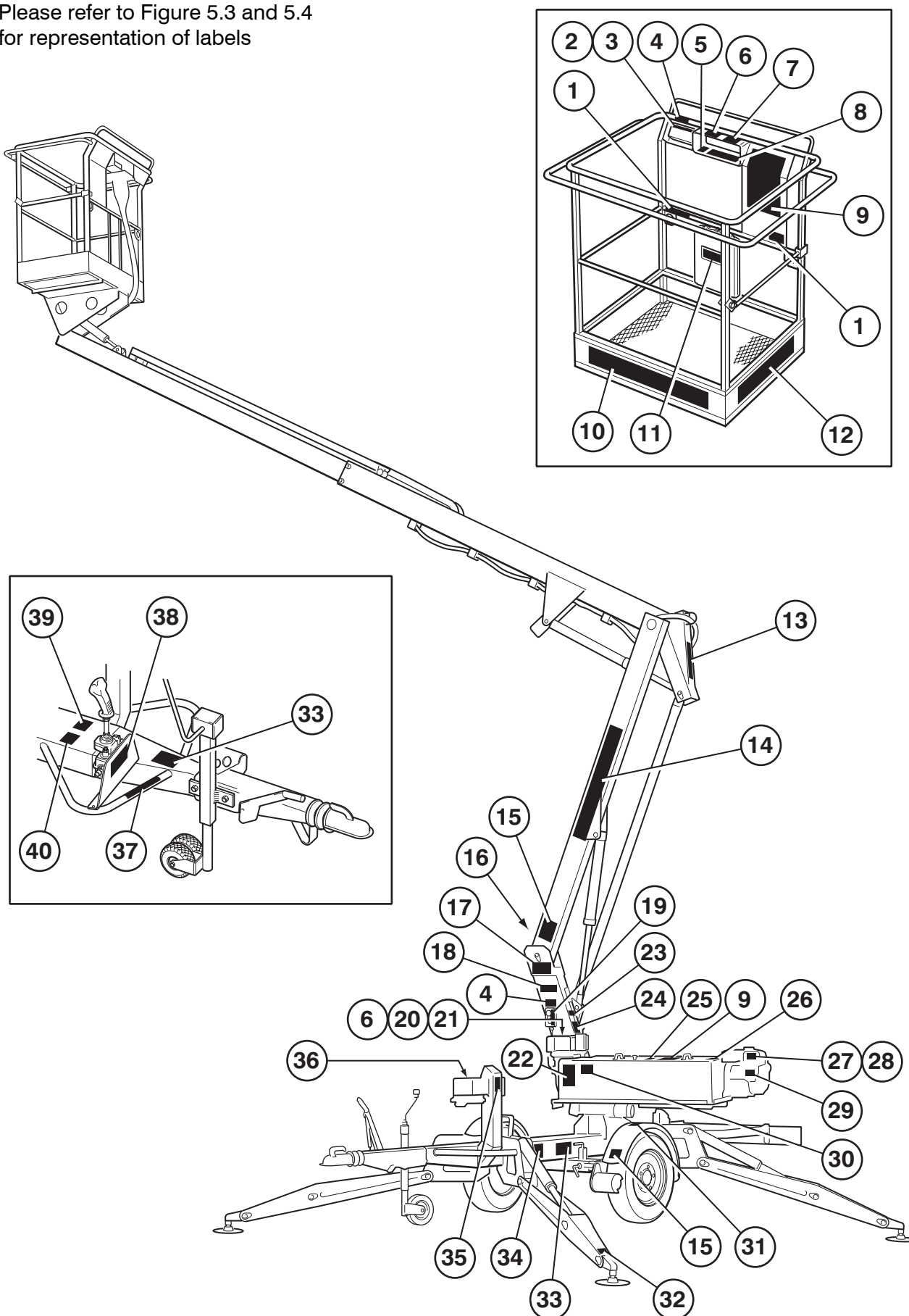
33	Trailer towing (<i>Not fitted to Traction Drive or Fixed Axle Models</i>)	P17341
	french	P17341
	german	P17341
	spanish	P17341
	dutch	P17341
	italian	P17341

34	Outriggers	P14841
	french	P14842
	german	P14843
	spanish	P14844
	dutch	P16262
	italian	P16636

french
german
spanish

labelling

Please refer to Figure 5.3 and 5.4 for representation of labels



french
german
spanish

labelling

5.1 continued

Item	Description	Part Number
35	Boom clamp	P14836
	french	P14837
	german	P14838
	spanish	P14839
	dutch	P16847
	italian	P16798

36	Hydraulic jacks	P14922
	french	P14923
	german	P14924
	spanish	P14925
	dutch	P16267
	italian	P17834

37	Jockey wheel	P14815
	french	P14816
	german	P14817
	spanish	P14818
	dutch	P16855
	italian	P17835

38	Traction drive - Engage	P18890
	french	P18890
	german	P18890
	spanish	P18890
	dutch	P18890
	italian	P18890

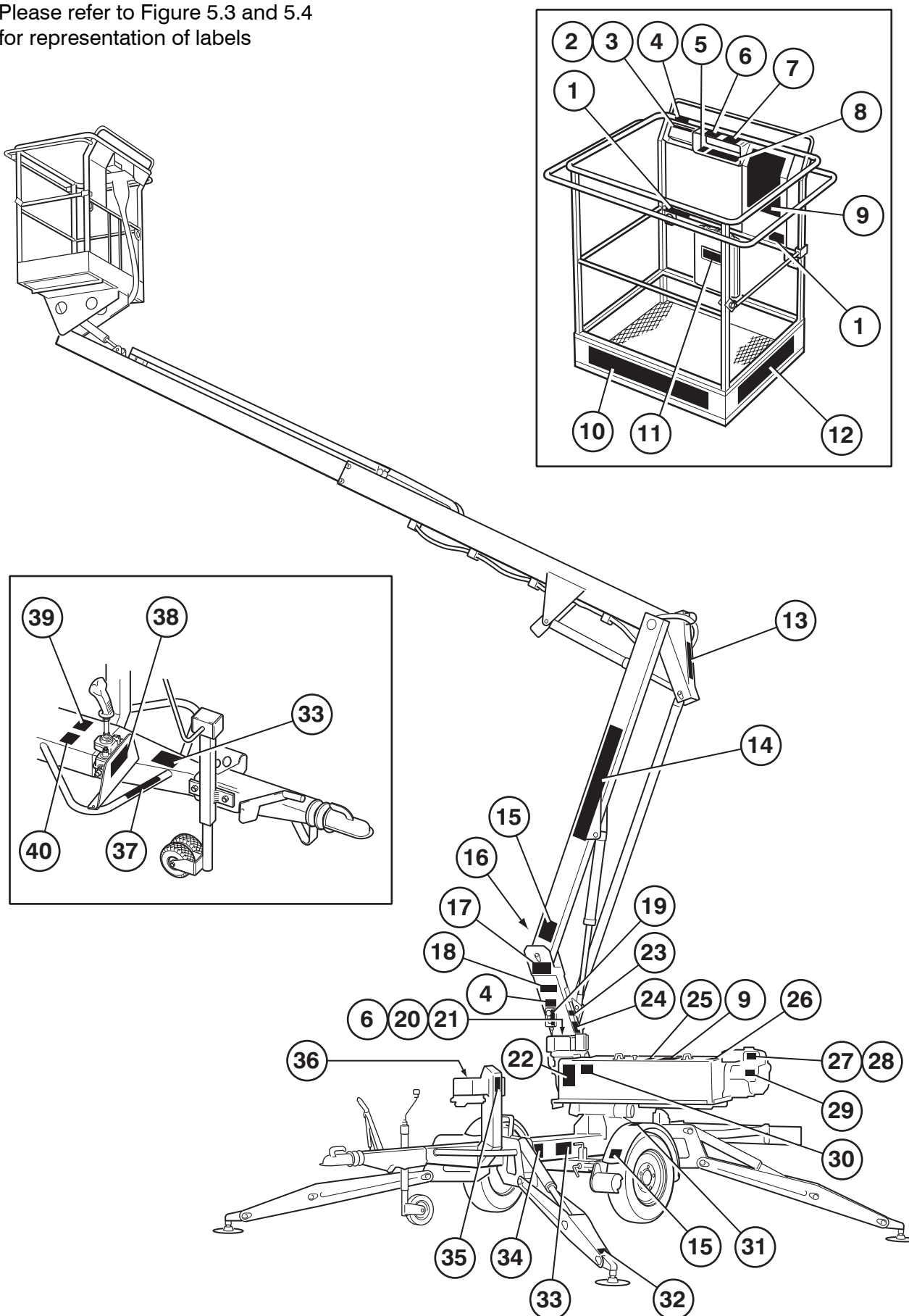
39	Traction drive - Apply handbrake before release	P18975
	french	P18975
	german	P18975
	spanish	P18975
	dutch	P18975
	italian	P18975

40	Traction drive - On slope	P18976
	french	P18976
	german	P18976
	spanish	P18976
	dutch	P18976
	italian	P18976

french
german
spanish

labelling

Please refer to Figure 5.3 and 5.4 for representation of labels



french
german
spanish

labelling

5.2 Label locations TM34T

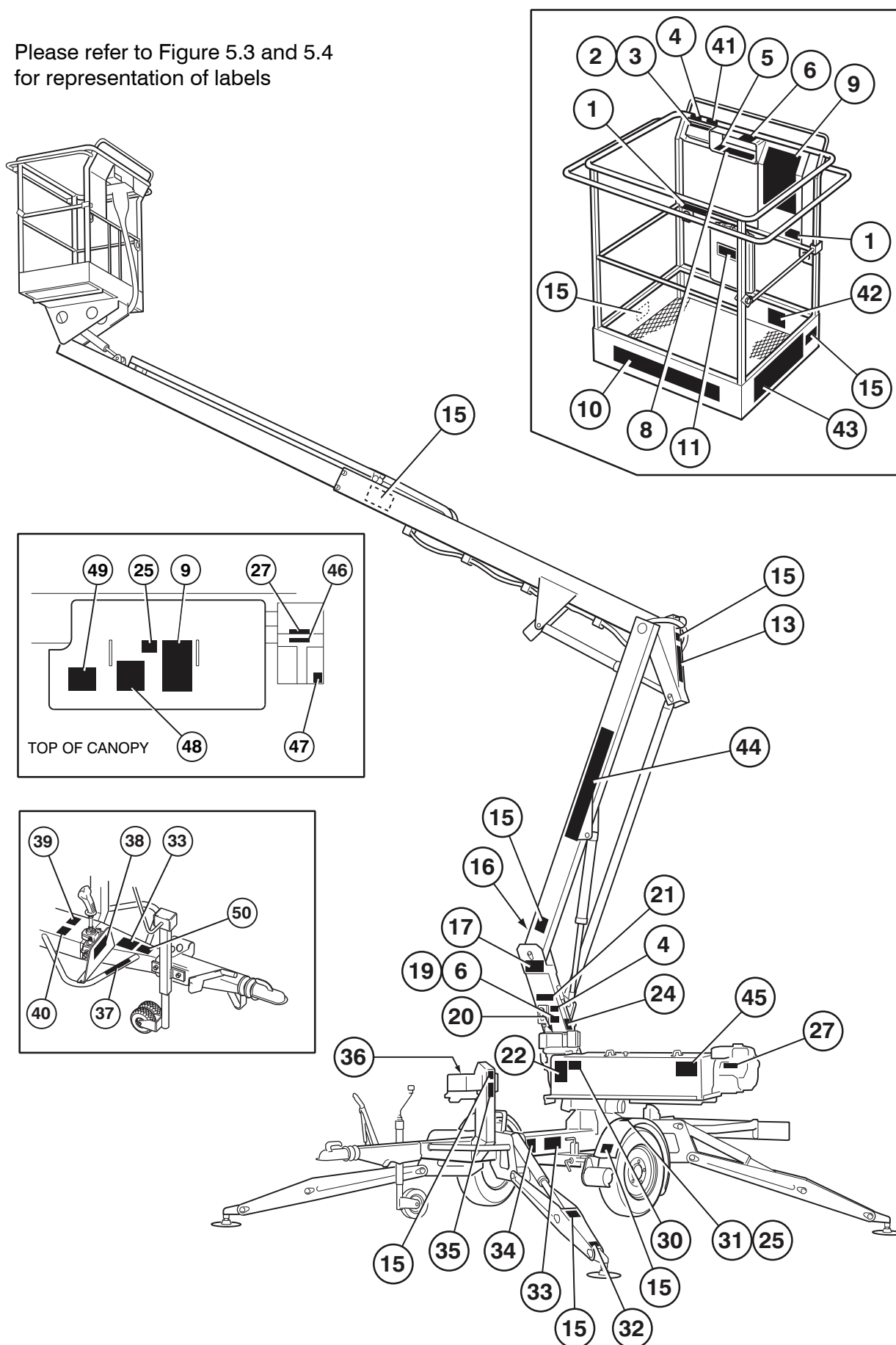
Item	Description	Part Number
1	Harness point	P14883
2	Button box (without cage weigh)	Bi-energy AC or DC P15924 P15925
3	Button box (with cage weigh)	Bi-energy AC or DC P17457 P17212
4	If emergency stop disabled	P14864
5	Basket levelling	P10853
6	Outrigger alarm	P18842
8	Control levers - Cage	P14927
9	General warning	P21970
10	niftylift.com	P14597
11	Operating instructions	P14892
13	Coupling instructions	P14896
15	Crush hazard	P14782
16	Head protection	P14921
17	Component stability	P19708
19	Button box	(cage weigh) (instinctive) P17219 P15881
20	Control levers - Base	P14926
21	Manual descent	P19090
22	Battery charging	P14904
24	Machine plate (Blank)	P15383
25	No step	P14785
27	Petrol OFF (Petrol engine ONLY)	P19055
30	Battery - Isolator	P18600
31	Tyre pressure - 65psi	P14876
32	Point load - 9.4kN	P14962
33	Trailer towing (<i>Not fitted to Traction Drive or Fixed Axle Models</i>)	P17341
34	Outriggers	P14841
35	Boom clamp	P14836
36	Hydraulic jacks	P14922
37	Jockey wheel	P14815
38	Traction drive - Engage	P18890
39	Traction drive - Apply handbrake before release	P18975
40	Traction drive - On slope	P18976
41 *	Cage gate warning	P18432
42 *	Footswitch	P14884
43 *	SWL - 500lbs	P17328
44 *	Nifty TM34T (Grey)	P14612
45 *	Rotating machinery	P15010
46 *	Carb. Regulations	P15334
47 *	Noise warning - 73dB	P17123
48 *	Daily safety check list	P14908

french
german
spanish

labelling

49 *	General notice - TM's	P18863
50 *	Max Towing speed	P17140

Please refer to Figure 5.3 and 5.4 for representation of labels



french
german
spanish

labelling

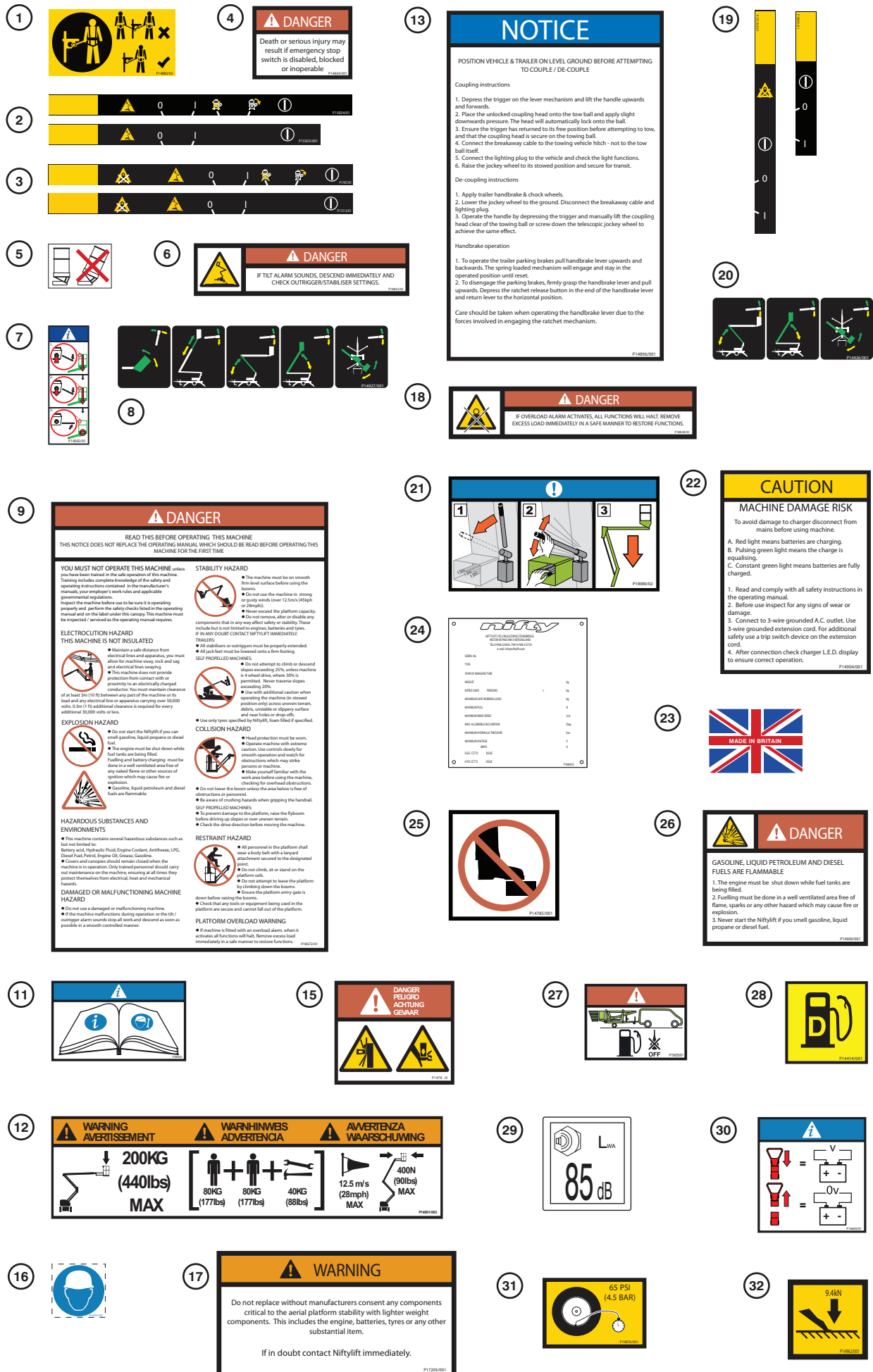
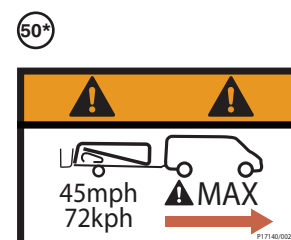
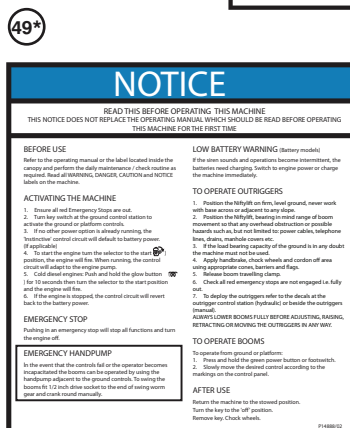
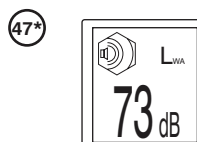
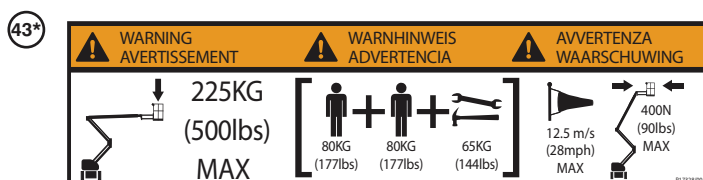
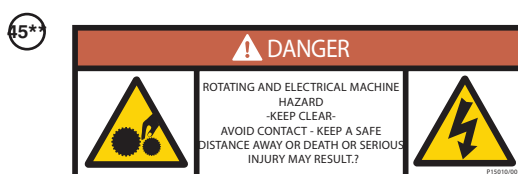
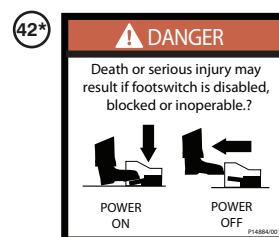


Figure 5.3 Labels 1-32





nifty



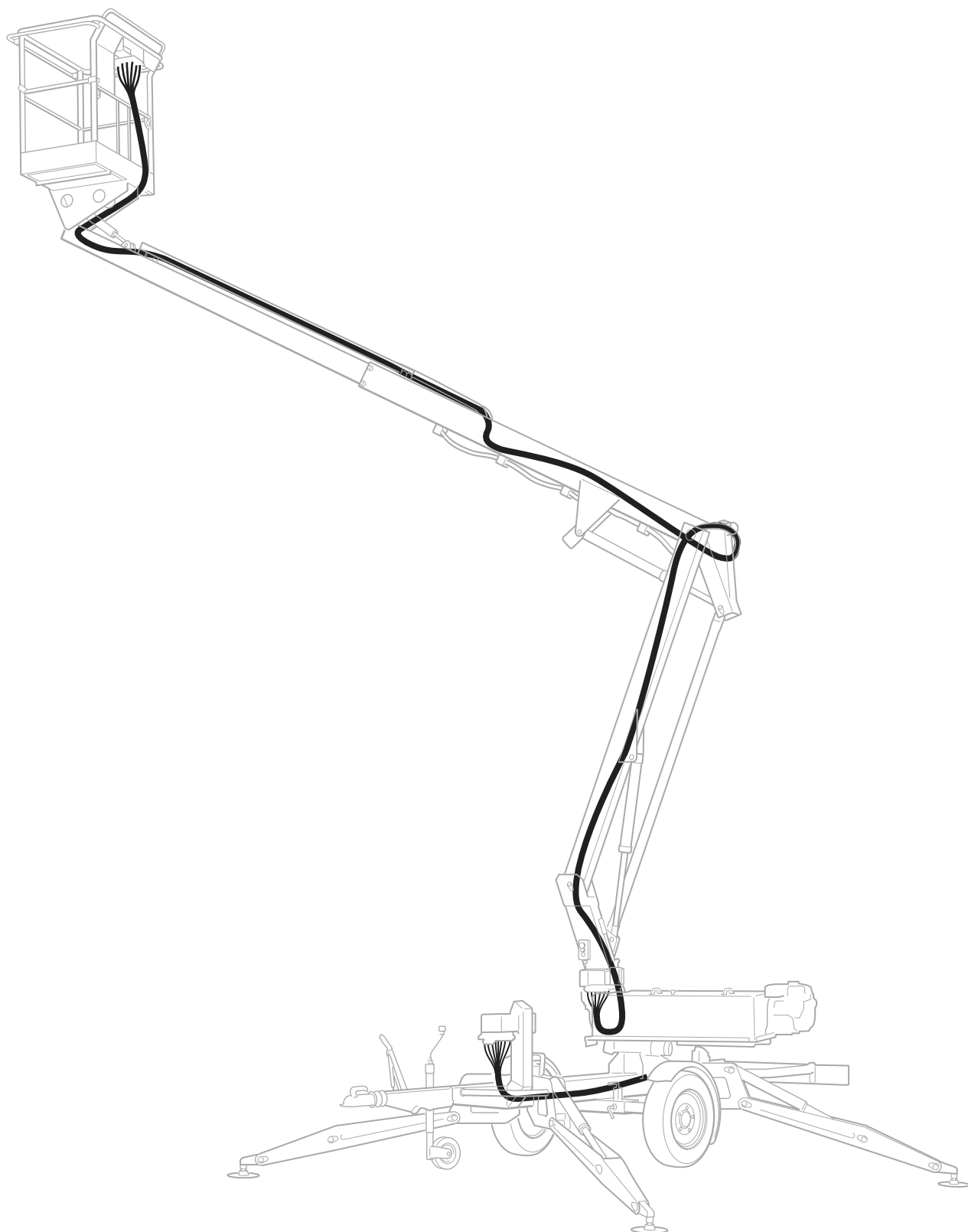
120T (TM34T)

illustrated parts manual

Manuel illustré de pièces détachées

Illustrierte Stückliste

Manual de piezas ilustrado



6

hydraulic hoses

french
german
spanish



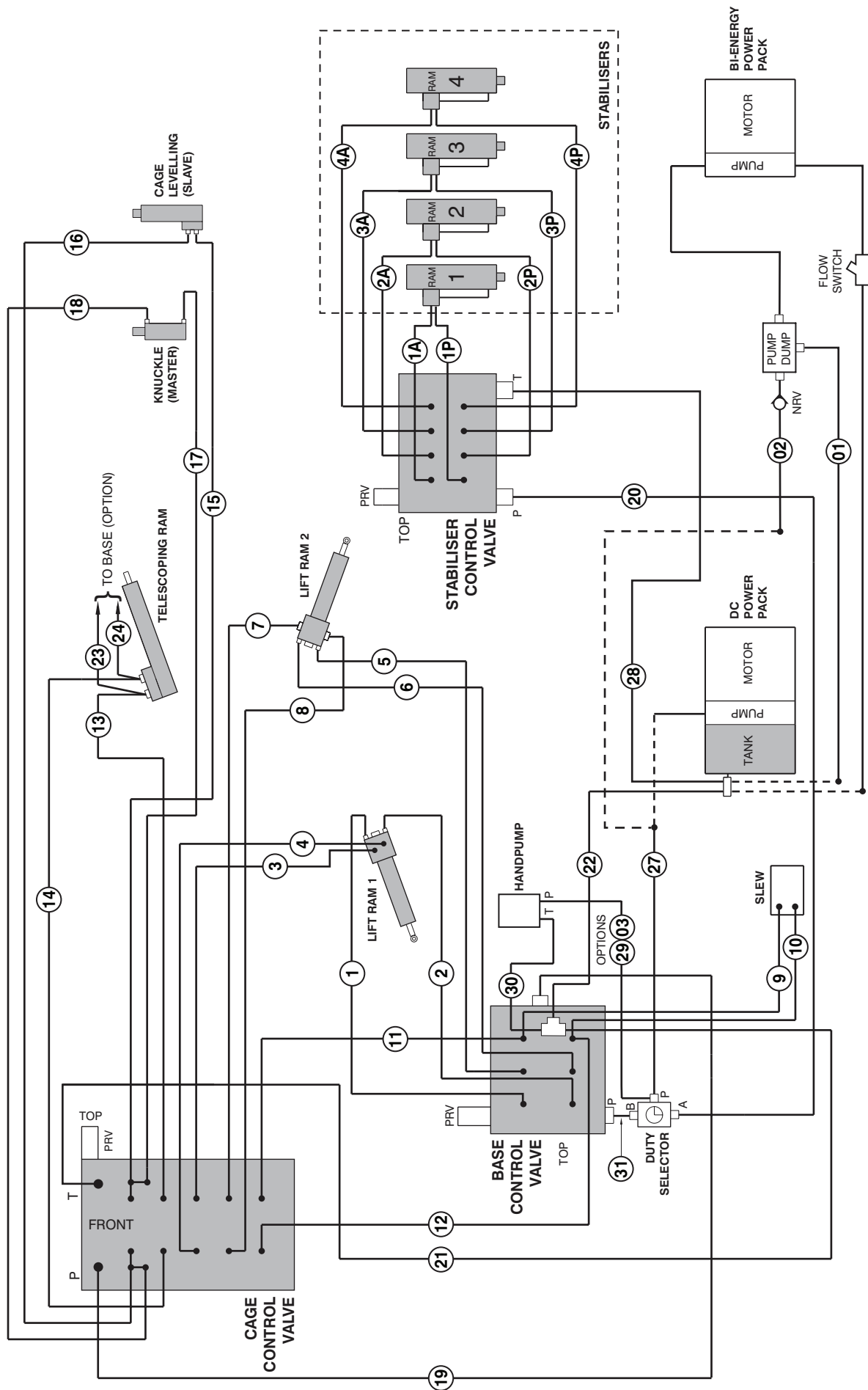
6.1 Hose kit 120T (TM34T)

Number Description

1	Base control to RAM 1 - pressure			
2	Base control to RAM 1 - pilot			
3	Cage control to RAM 1 - pressure			
4	Cage control to RAM 1 - pilot			
5	Base control to RAM 2 - pressure			
6	Base control to RAM 2 - pilot			
7	Cage control to RAM 2 - pressure			
8	Cage control to RAM 2 - pilot			
9	Base control to slew - pressure			
10	Base control to slew - pilot			
11	Cage control to slew - pressure			
12	Cage control to slew - pilot			
13	Cage control to telescoping ram - pressure			
14	Cage control to telescoping ram - pilot			
15	Cage control to levelling ram (slave) - pressure			
16	Cage control to levelling ram (slave) - pilot			
17	Cage control to levelling ram (master) - pressure			
18	Cage control to levelling ram (master) - pilot			
19	Base control to Cage control - pressure			
20	Manual select (A) to Leg V-block - pressure			

french
german
spanish

hydraulic hoses



6.1 continued

Number Description

21	Base control to Cage control - pilot			
22	Base block to tank - return			
23	Base control to telescoping ram - pressure (OPTION)			
24	Base control to telescoping ram - pilot (OPTION)			
27	Power pack to manual select - pressure			
28	Jack control to tank - return			
29	Duty selector to handpump (OPTION)			
30	Base control to handpump - return			
31	Manual select (B) to base control - pressure			
1A	Leg 1 - pressure			
1P	Leg 1 - pilot			
2A	Leg 2 - pressure			
2P	Leg 2 - pilot			
3A	Leg 3 - pressure			
3P	Leg 3 - pilot			
4A	Leg 4 - pressure			
4P	Leg 4 - pilot			
01	Bi-energy return (OPTION)			
02	Power pack - pressure (OPTION)			
03	Hand pump to HP filter (OPTION)			

french
german
spanish

hydraulic hoses

6.2 Traction Drive Kit (P14205)

Number	Description	french	german	spanish
01	Cage V-block to Traction V-block - pressure			
02	Traction V-block to Leg V-block - return			
03	PRV to leg V-block - return			
04	Traction V-block to PRV - pressure			
05	PRV to check valve - pressure			
06	Check valve to Traction V-block - return			
07A	Traction V-block to RH motor - pressure			
07P	Traction V-block to RH motor - pilot			
08A	Traction V-block to LH motor - pressure			
08P	Traction V-block to LH motor - pilot			
09	Check valve to RAM			
10	Check valve to RAM			

french
german
spanish

hydraulic hoses

niftylift