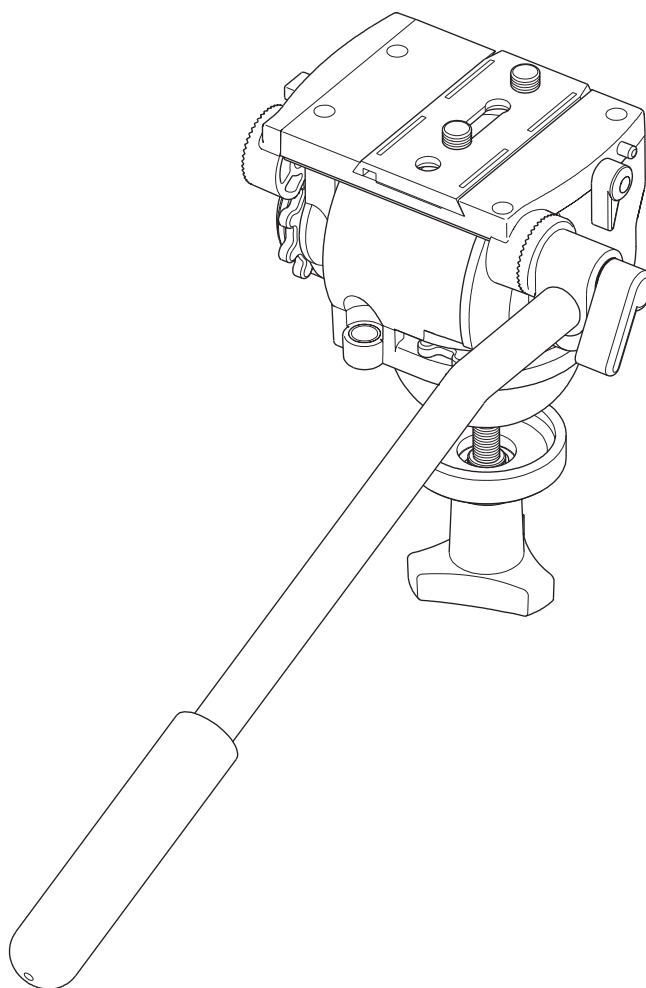




PRO-130



Pan and Tilt Head



Parts List



PRO-130

PAN AND TILT HEAD

ILLUSTRATED PARTS LIST

PUBLICATION PART No. 3375-9

Issue 1

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Foreword

This manual provides full and detailed spare parts information for the PRO-130 pan and tilt head from Vinten®. To order spare parts or to obtain further information, application should be made to Vinten Broadcast Limited or to your local distributor, or visit our website at

www.vinten.com.



Navigation

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Contents Clicking here will take you to the Contents Page.



Clicking here will take you to the first page.



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Section 1

Illustrated Parts List

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Introduction

- 1 This parts list is issued for the PRO-130 pan and tilt head from Vinten.

Ordering spare parts

- 2 When ordering a spare part, please quote the serial number of the head.
- 3 Due to restrictions placed on the transportation of adhesives and other materials, please obtain supplies of consumable materials from your local distributor.

Balance spring kits

- 4 Balance spring kits, comprising a spring, spring cover, spring end cap and screw, are available in the following configurations to suit various cameras:

Recommended maximum payload (kg)	Head Type	Spring Colour	Spring Kit Part No.
1	130/1	White	505-1SPG
5	130/5	Green	505-5SPG
8	130/8	Red	505-8SPG
9	130/9	Black	505-9SPG
10	130/10	Yellow	505-10SPG

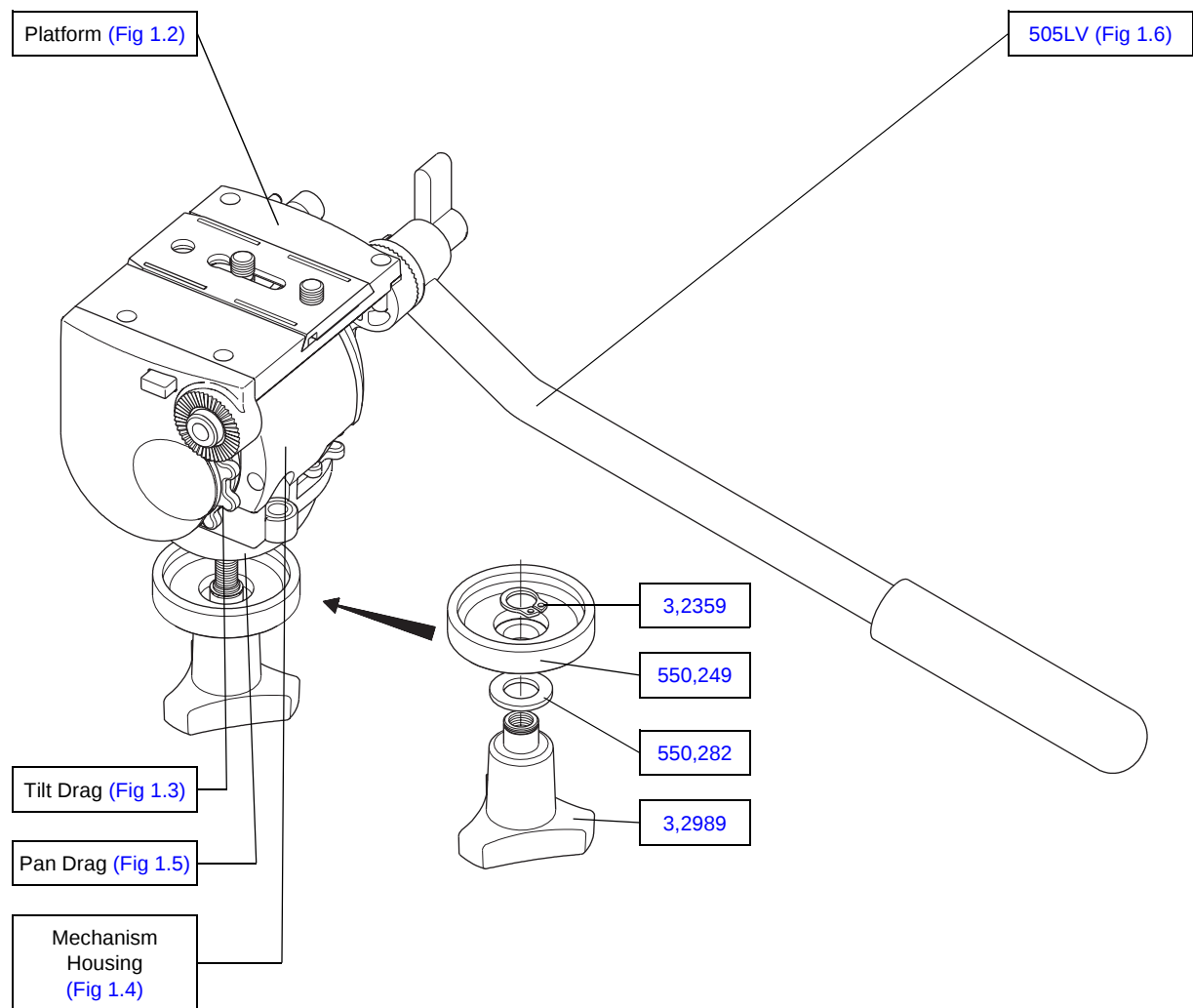


Fig 1.1 PRO-130 Pan and Tilt Head

Fig 1.1 PRO-130 Pan and Tilt Head

Part No	Description	Qty
505LV	Pan bar	1
R550,249	Bowl clamp, comprising:	1
3,2359	Circlip	1
550,249	Clamp cup	1
550,282	Washer	1
3,2989	Bowl clamp knob	

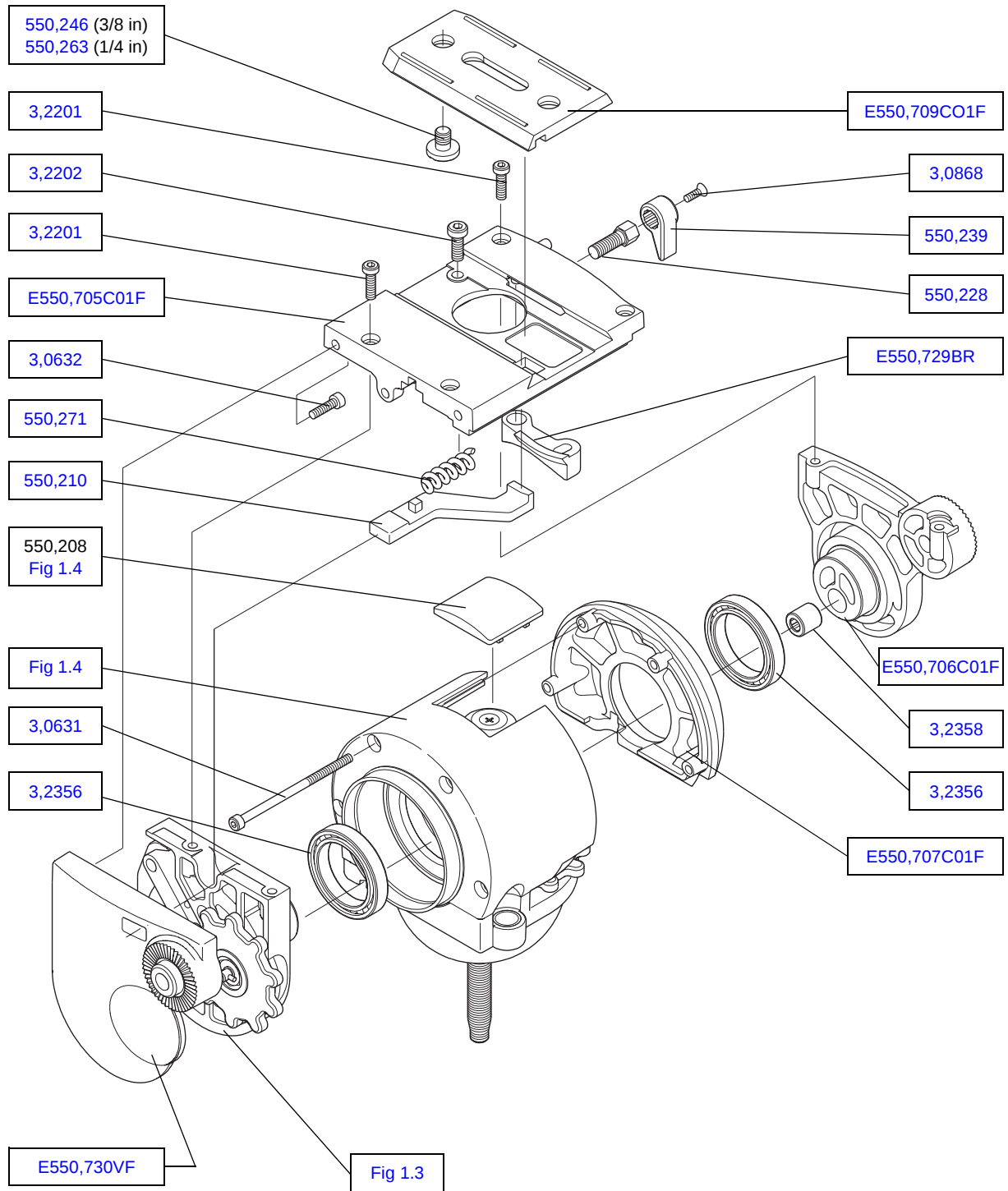
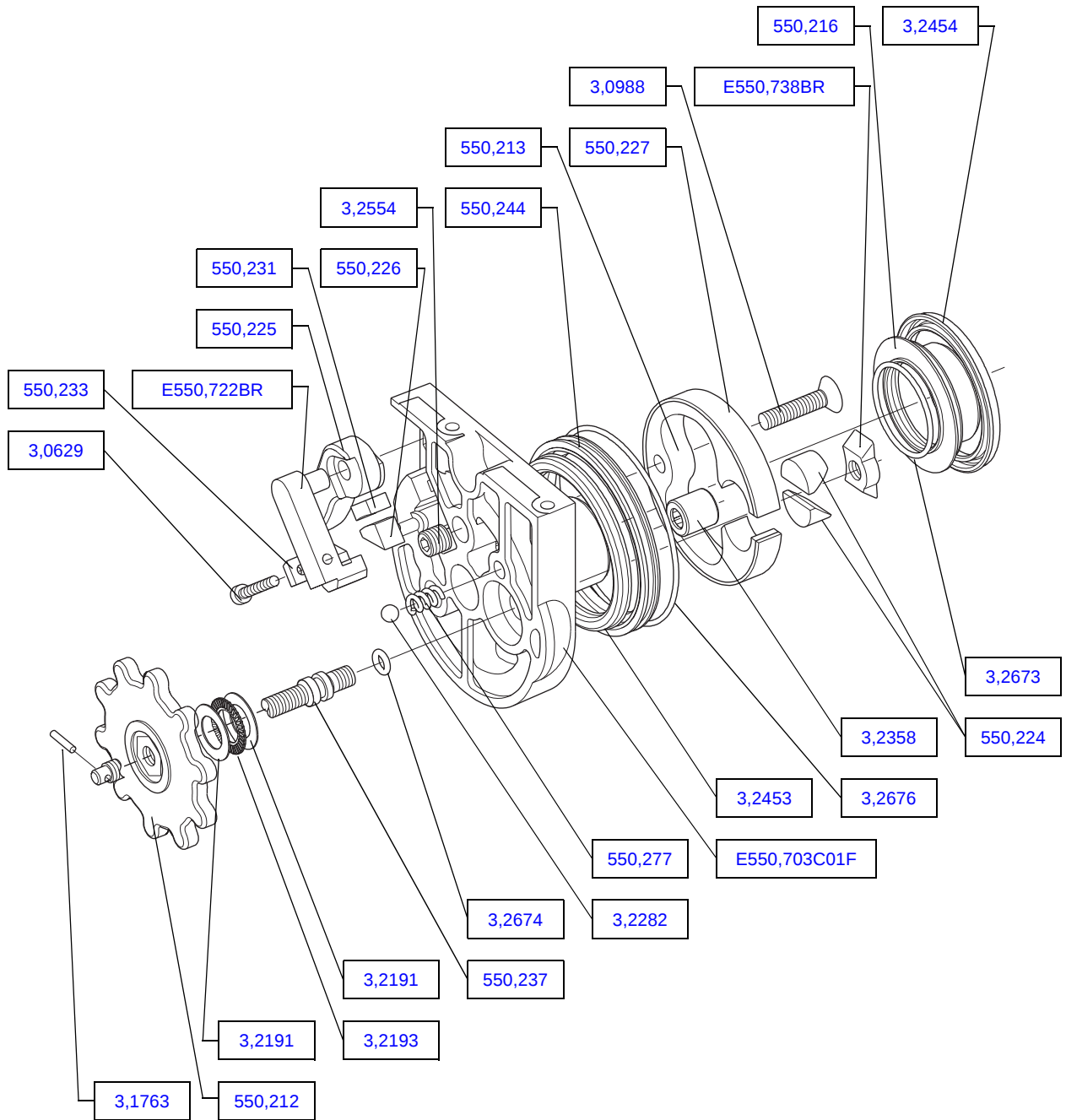


Fig 1.2 Platform and Side Plates



Fig 1.2 Platform and Side Plates

Part No	Description	Qty
ART. 505PL	Slide plate, comprising:	1
E550,709CO1F	Slide plate	1
550,246	Camera mounting screw (3/8 in. BSW)	2
550,263	Camera mounting screw (1/4 in. BSW)	1
R550,239	Slide clamp lever assembly, comprising:	1
550,228	Slide clamp screw	1
550,239	Slide clamp lever	1
3,0868	Screw, Pozi csk hd, M3 x 6 mm lg	1
E550,729BR	Slide clamp pad	1
R550,210	Slide release assembly, comprising:	1
550,210	Slide release	1
550,271	Spring	1
R550,205	Platform assembly, comprising:	1
E550,705C01F	Platform	1
3,2202	Screw, skt cap hd, M5 x 12 mm lg	1
R550,206V	RH side plate assembly, comprising:	1
E550,706C01F	RH side plate	1
E550,707C01F	RH mechanism cover	1
3,2358	Needle roller bearing	1
3,2356	Radial ball bearing	1
3,0631	Screw, skt cap hd, M4 x 60 mm lg	4
3,2201	Screw, skt cap hd, M4 x 16 mm lg	2
R550,230V	LH side plate assembly, comprising:	1
E550,730VF	LH side plate	1
3,0632	Screw, skt cap hd, M4 x 12 mm lg	3
3,2201	Screw, skt cap hd, M4 x 16 mm lg	2
3,2356	Radial ball bearing	1

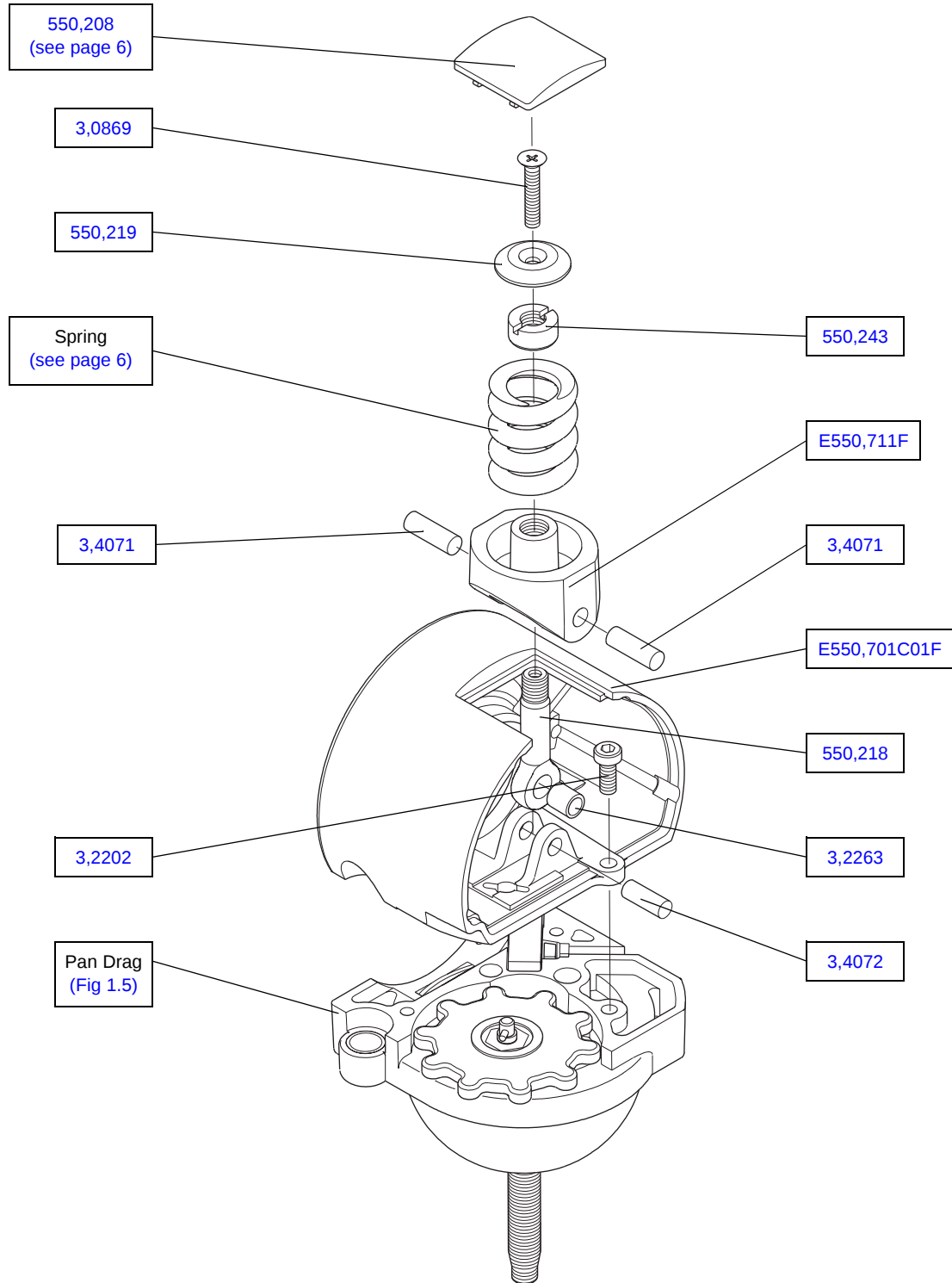


3375IP03

Fig 1.3 Tilt Drag

Fig 1.3 Tilt Drag

Part No	Description	Qty
R550,212	Drag knob assembly, comprising:	1
550,212	Drag knob	1
550,277	Spring	1
3,2282	Steel ball, 6 mm dia	1
3,1763	Spirol pin, 2 mm dia x 10 mm lg	1
550,225	Brake lever	1
R550,222	Brake calliper assembly, comprising:	1
E550,722BR	Brake calliper	1
3,0629	Screw, skt cap hd, M3 x 12 mm lg	1
R550,233	Brake pad assembly (tilt), comprising:	1
550,226	Brake pad (inner)	1
550,231	Brake pad (outer)	1
550,233	Brake adjustment wedge (tilt)	1
3,2191	Thrust washer	2
3,2193	Thrust race	1
550,237	Drag actuator shaft	1
3,2674	'O' ring	1
E550,703C01F	Tilt unit housing	1
3,2554	Threaded plug, M8	2
550,244	Tilt seal ring	1
550,213	Drag shoe	1
550,227	Drag shoe lining	1
3,0988	Screw, skt csk hd, M5 x 20 mm lg	1
3,2453	Rotary seal	1
3,2676	'O' ring	1
3,2358	Needle roller bearing	1
550,224	Drag wedge	2
E550,738BR	Drag actuator block	1
550,216	Tilt shaft sleeve	1
3,2454	Rotary seal	1
3,2673	'O' ring	1

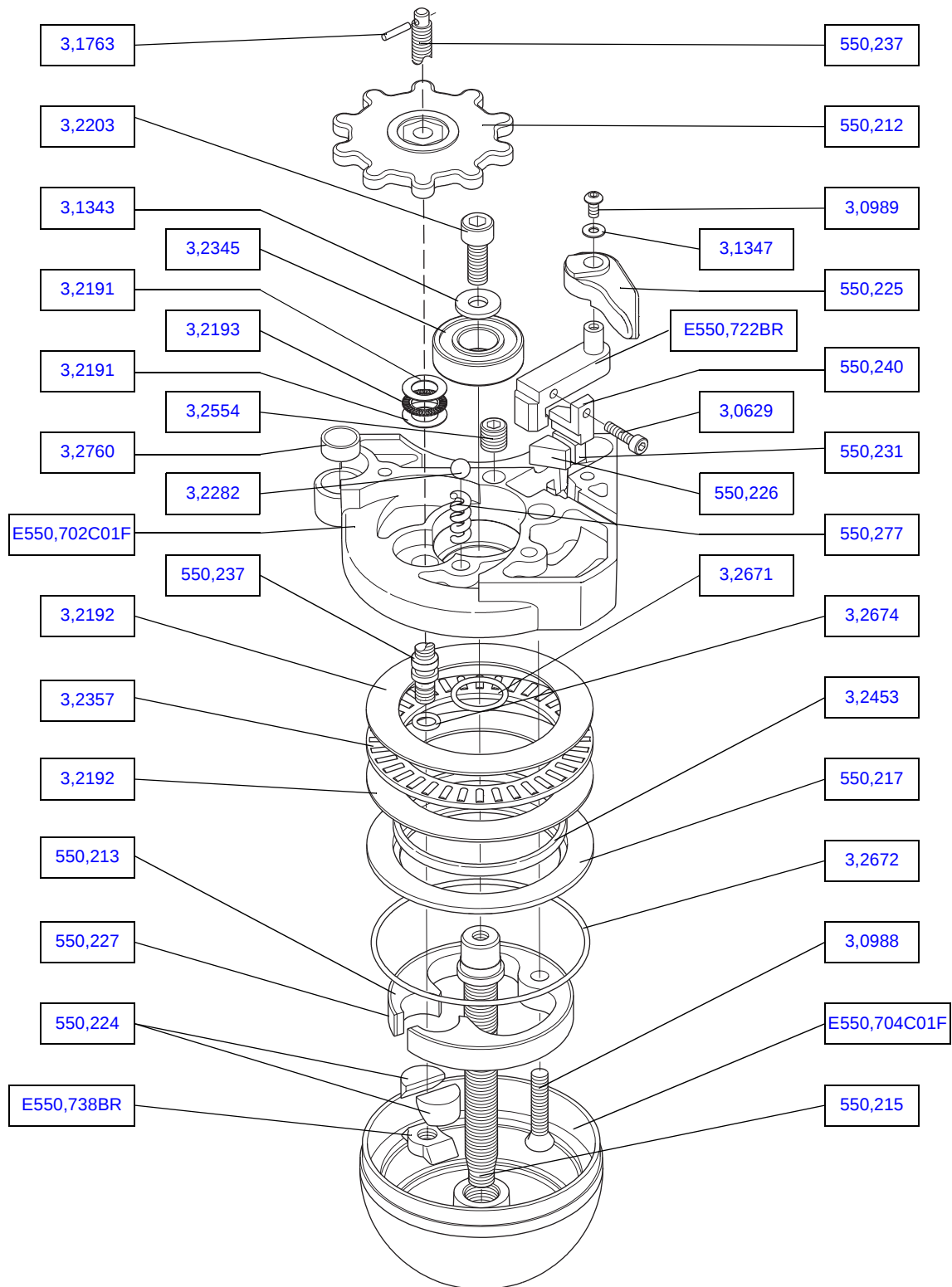


3375IP04

Fig 1.4 Balance Mechanism Housing

Fig 1.4 Balance Mechanism Housing

Part No	Description	Qty
	Spring kit, comprising:	
550,208	Spring access cover	1
—	Spring	1
3,0869	Screw, Pozi csk hd, M5 x 20 mm lg	1
550,219	Spring end cap	1
	See table on page 6 for spring kit details	
R550,203	Balance mechanism housing assembly, comprising:	1
550,243	Spring adjusting ring	1
E550,711F	Spring actuator	1
3,4071	Dowel pin, 1/4 in. x 3/4 in. lg	2
E550,701C01F	Balance mechanism housing	1
550,218	Actuator shaft	1
3,2263	Bearing	1
3,4072	Dowel pin, 6 mm x 16 mm lg	1
R550,212	Drag knob assembly (Fig 1.3)	1
3,2202	Screw, skt cap hd, M5 x 12 mm lg	3



3375IP05*

Fig 1.5 Pan Drag Assembly

Fig 1.5 Pan Drag Assembly

Part No	Description	Qty
R550,202	Pan drag assembly, comprising	
550,237	Drag actuator shaft	1
R550,212	Drag knob assembly, comprising:	1
550,212	Drag knob	1
550,277	Spring	1
3,2282	Steel ball, 6 mm dia	1
3,1763	Spirol pin, 2 mm dia x 10 mm lg	1
3,0989	Screw, skt butt hd, M3 x 6 mm lg	1
3,1347	Washer, M3	1
550,225	Brake lever	1
E550,722BR	Brake calliper	1
550,240	Brake adjustment wedge (pan)	1
550,231	Brake pad (outer)	1
550,226	Brake pad (inner)	1
3,0629	Screw, skt cap hd, M3 x 12 mm lg	1
3,2671	'O' ring	1
3,2674	'O' ring	1
3,2453	Rotary seal	1
550,217	Seal plate (pan)	1
3,2672	'O' ring	1
3,0988	Screw, skt csk hd, M5 x 20 mm lg	1
E550,704C01F	Spherical base	1
550,215	Main shaft (pan)	1
E550,738BR	Drag actuator block	1
550,224	Drag wedge	2
550,213	Drag shoe	1
550,227	Drag shoe lining	1
3,2192	Thrust washer	2
3,2357	Thrust race	1
E550,702C01F	Pan unit housing	1
3,2554	Threaded plug, M8	2



Fig 1.5 Pan Drag Assembly (Cont)

Part No	Description	Qty
3,2760	Level bubble	
3,2191	Thrust washer	2
3,2193	Thrust race	1
3,2345	Radial ball bearing	1
3,1343	Washer, M6, large	
3,2203	Screw, skt cap hd, M6 x 12 mm lg	

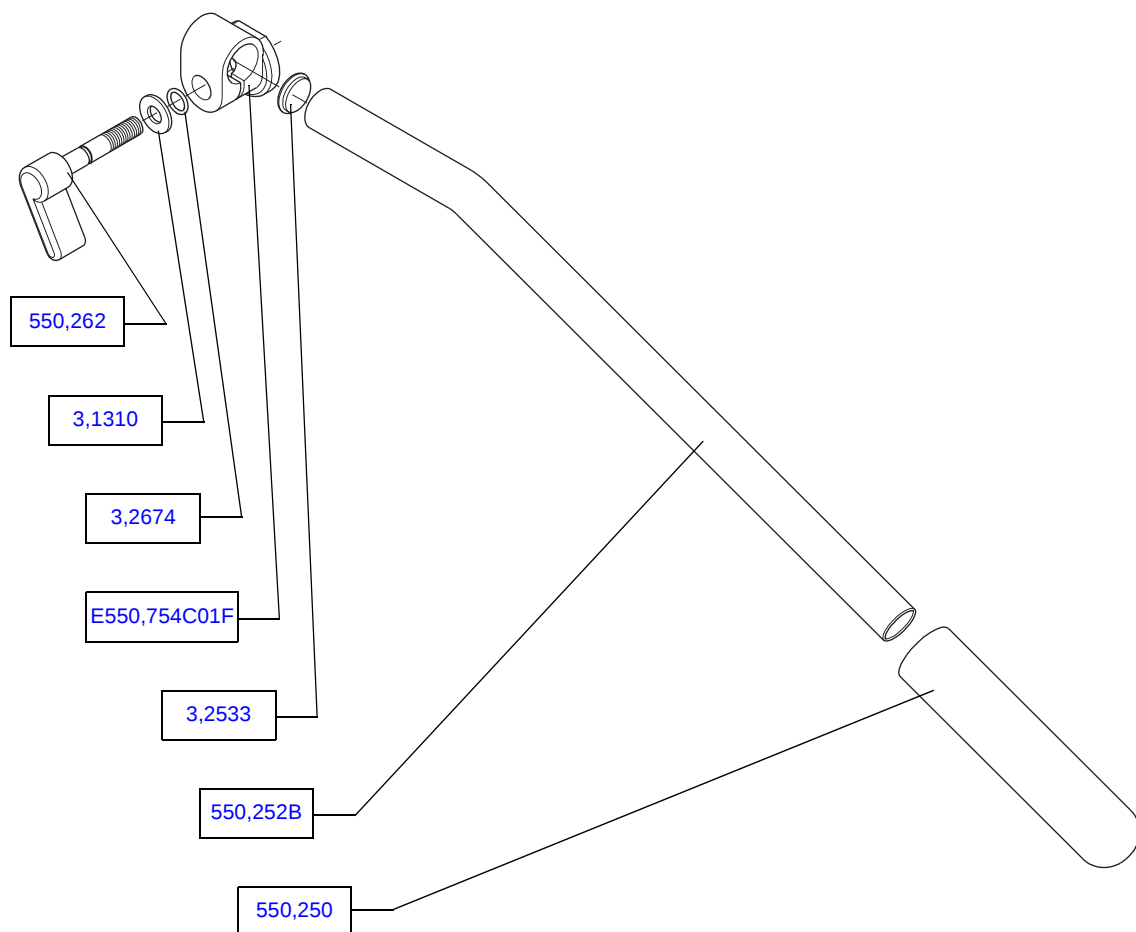


Fig 1.6 Pan Bar



Fig 1.6 Pan Bar

Part No	Description	Qty
505LV	Pan bar, comprising:	
R550,262	Pan bar locking knob assembly, comprising:	
550,262	Pan bar locking knob	1
3,1310	Washer, M8	1
3,2674	'O' ring	1
E550,754C01F	Pan bar clamp	1
R550,258	Pan bar assembly*, comprising:	
3,2533	Plug	1
550,252B	Pan bar	1
550,250	Pan bar grip	1