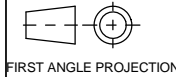


# A2 INSTALLATION DRAWING

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**AP Racing**  
Wheler Road  
Coventry  
CV3 4LB

Tel: +44 024 7663 9595  
Fax: +44 024 7663 9599  
e-mail: sales@apracing.co.uk  
Web site: http://www.apracing.com

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## PART NUMBERING:

"CP3985" DENOTES AIRJACK FAMILY  
"-XXX" DENOTES THE STROKE OF THE AIRJACK  
"EV" DENOTES OPTIONAL EXHAUST VALVE  
"S" DENOTES OPTIONAL STAINLESS STEEL FOOT

## MAINTENANCE

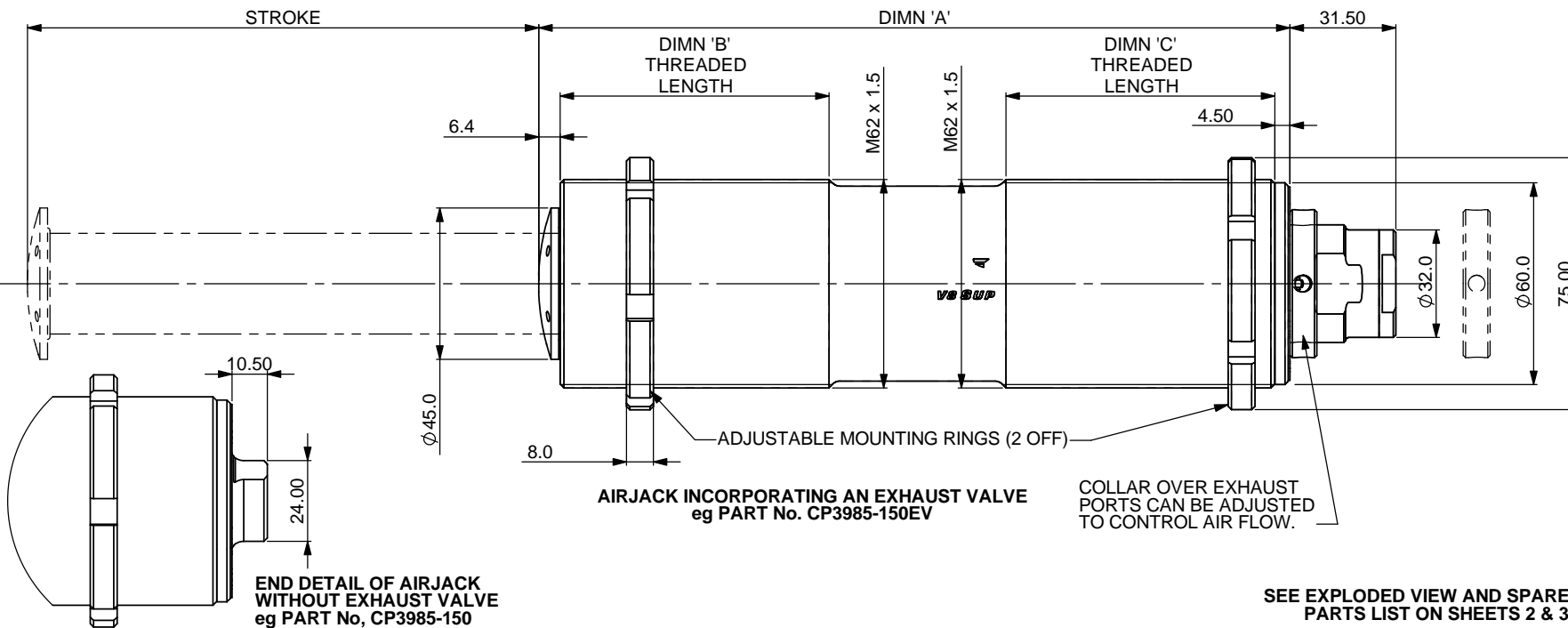
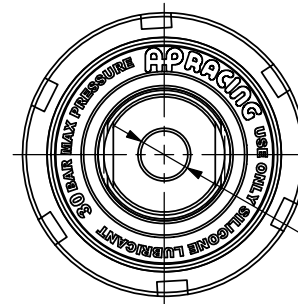
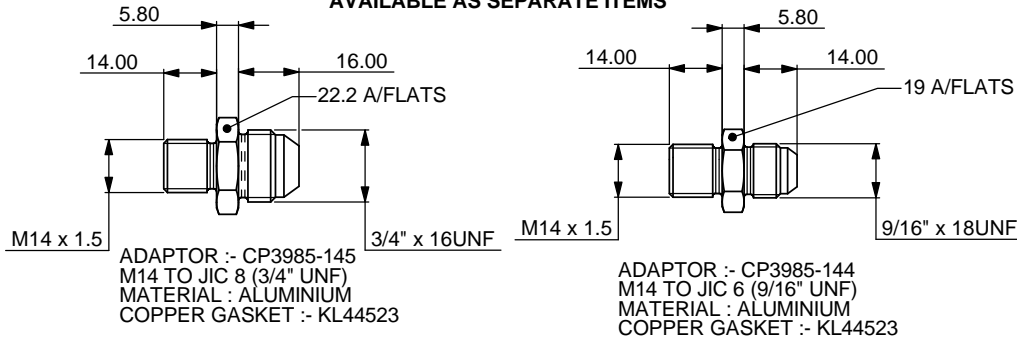
DO NOT USE PETROL OR PARAFFIN FOR CLEANING THE AIR JACK AS THIS WILL DAMAGE THE RUBBER SEALS. USE AN ALCOHOL BASED CLEANING FLUID i.e. METHYLATED SPIRIT. FOR INTERNAL LUBRICATION USE ONLY SILICONE SPRAY OR SILICONE GREASE AS REQUIRED.

## LOADS

MAXIMUM LIFT CAPABILITY - 675 Kg  
MAXIMUM OPERATING PRESSURE - 30.0 BAR

ASSEMBLY PART No.	STROKE	DIMN 'A'	DIMN 'B'	DIMN 'C'	MASS
CP3985-150	150 mm	224 mm	80 mm	80 mm	0.83 Kg
CP3985-150S	150 mm	224 mm	80 mm	80 mm	0.83 Kg
CP3985-150EV	150 mm	224 mm	80 mm	80 mm	0.88kg
CP3985-150EVS	150 mm	224 mm	80 mm	80 mm	0.88kg
CP3985-230	230 mm	325 mm	80 mm	80 mm	1.07 Kg
CP3985-230S	230 mm	325 mm	80 mm	80 mm	1.07 Kg
CP3985-230EV	230 mm	325 mm	80 mm	80 mm	1.12 kg
CP3985-230EVS	230 mm	325 mm	80 mm	80 mm	1.12 kg
CP3985-310	310 mm	425 mm	80 mm	80 mm	1.34 Kg
CP3985-310S	310 mm	425 mm	80 mm	80 mm	1.34 Kg
CP3985-310EV	310 mm	425 mm	80 mm	80 mm	1.39 Kg
CP3985-310EVS	310 mm	425 mm	80 mm	80 mm	1.39 Kg

### INLET ADAPTORS AND COPPER GASKETS AVAILABLE AS SEPARATE ITEMS

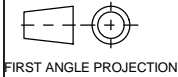


Issue No.	Alterations		Zone	Initials
	Date & No.	Particulars		
1	25/06/03 B3614	CURRENT ISSUE	#	DRA
2	10/11/03	-190EV ASSEMBLY ADDED	#	DRA
3	25/11/03	-110EV ASSEMBLY ADDED DIMN 'C' ADDED	#	DRA
4	18/02/04 B3881	-130EV ASSEMBLY ADDED -110EV REMOVED		SAT
5	26/10/04 B3614	PICTORIAL CHANGES TO SHOW NEW CAP AND THROTTLE. 31.5 WAS 31.0 DIMN 'A' AND MASS IN CHART AMENDED TO LATEST DATA. -230EV & -310EV ADDED TO CHART. INLET ADAPTORS ADDED.		DRA
6	10/03/05 B4207	EXPLODED VIEW ON SHEET 2 AND SPARE PART No CHART ADDED		DRA
7	02/02/06 B4466	ASSY -130EV DIMN 'B' WAS 85 AND DIMN 'C' WAS 50 ASSYS -150EV TO 230EV. DIMN 'B' AND DIMN 'C' WAS 50 MASSES UP TO -230 WERE IN ORDER:- 0.83, 0.85, 0.97 & 1.09Kg		DRA
8	12/09/06 B4387	SHEET 2 PT No. CHART CAP CP3985-148 WAS -138		DRA
9	05/03/09 B5422	CP3985-130EV, -190EV & -310EV DELETED NON EV TYPE DATA ADDED.		DRA
10	11/03/09 B5422	SHEET 3 ADDED		DRA
11	03/12/09 B5751	CP3985-310/310EV ADDED.		RLB
12	04/12/09 B5751	CROP VIEW CORRECTED	1A	RLB
13	04/12/13 B6967	STAINLESS STEEL FOOT VERSION OF BOTH EV AND NON EV AIRJACKS ADDED 310 STROKE AIRJACK SPARE LISTS ADDED TO TABLES ON SHEETS 2 AND 3 PART NUMBERING IDENTIFICATION NOTE ADDED TO SHEET 1	#	JN

SCALE 1:1	SHEET 1 OF 3
DRAWN	D.ARROWSMITH
APPROVED	
DERIVED FROM	
TITLE Ø54 BORE AIRJACK	
DRG NO.	CP3985-1CD

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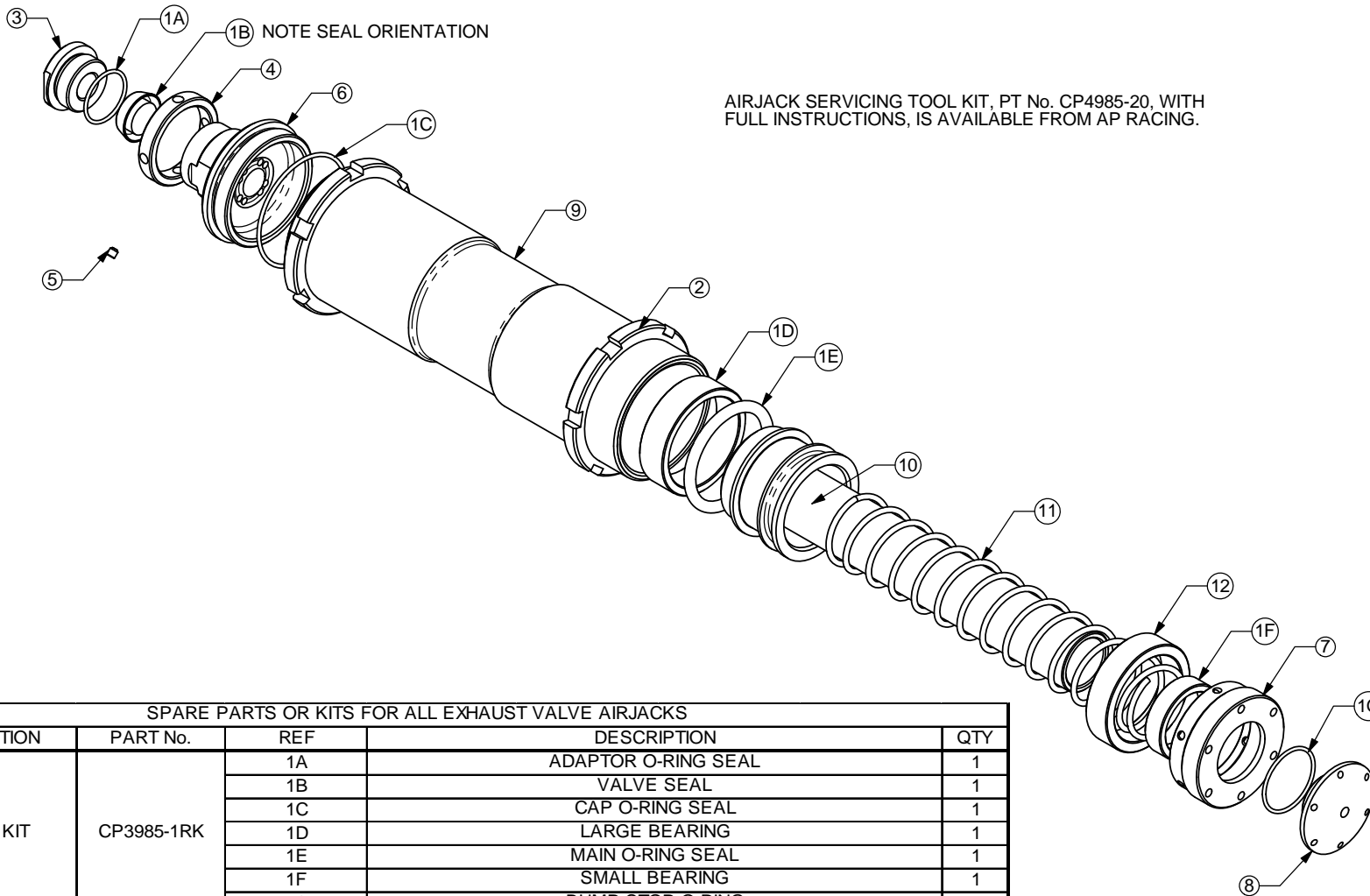


AP Racing  
Wheler Road  
Coventry  
CV3 4LB

Tel: +44 024 7663 9595  
Fax: +44 024 7663 9559  
e-mail: sales@ap racing.co.uk

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Web site: <http://www.ap racing.com>



AIRJACK SERVICING TOOL KIT, PT No. CP4985-20, WITH FULL INSTRUCTIONS, IS AVAILABLE FROM AP RACING.

SPARE PARTS OR KITS FOR ALL EXHAUST VALVE AIRJACKS								
REF	DESCRIPTION	PART No.	REF	DESCRIPTION	QTY			
1	REPAIR KIT	CP3985-1RK	1A	ADAPTOR O-RING SEAL	1			
			1B	VALVE SEAL	1			
			1C	CAP O-RING SEAL	1			
			1D	LARGE BEARING	1			
			1E	MAIN O-RING SEAL	1			
			1F	SMALL BEARING	1			
			1G	BUMP STOP O-RING	1			
2	MOUNTING RING		CP2820-110		2			
3	INLET ADAPTOR		CP2985-172		1			
4	THROTTLE RING		CP3985-139		1			
5	M4 GRUB SCREW		CP7073-121		1			
6	END CAP		CP3985-148		1			
7	BEARING HOUSING		CP3985-104		1			
SPARE PARTS SPECIFIC TO AIRJACK PART NUMBER								
REF	PART NUMBER	150EV	150EVS	230EV	230EVS	310EV	310EVS	QTY
8	FOOT	CP3985-103	CP3985-149	CP3985-103	CP3985-149	CP3985-103	CP3985-149	1
9	BODY	CP3985-101		CP3985-117		CP3985-118		1
10	PISTON ASSEMBLY	CP3985-4		CP3985-6		CP3985-7		1
11	RETURN SPRING	CP3985-107		CP3985-127		CP3985-128		1
12	SPACER (IF FITTED)	CP3985-143		CP3985-131		CP3985-132		1

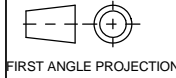
## PARTS LIST FOR 'EV' VERSIONS OF AIRJACK

Issue No.	Date & No.	Alterations		Zone	Initials
		Particulars			
-	-	-	SEE SHEET 1 FOR ISSUE INFORMATION.	-	-

SCALE 1:1	SHEET 2 OF 3
DRAWN	D.ARROWSMITH
APPROVED	
DERIVED FROM	
TITLE Ø54 BORE AIRJACK	
DRG NO.	CP3985-1CD

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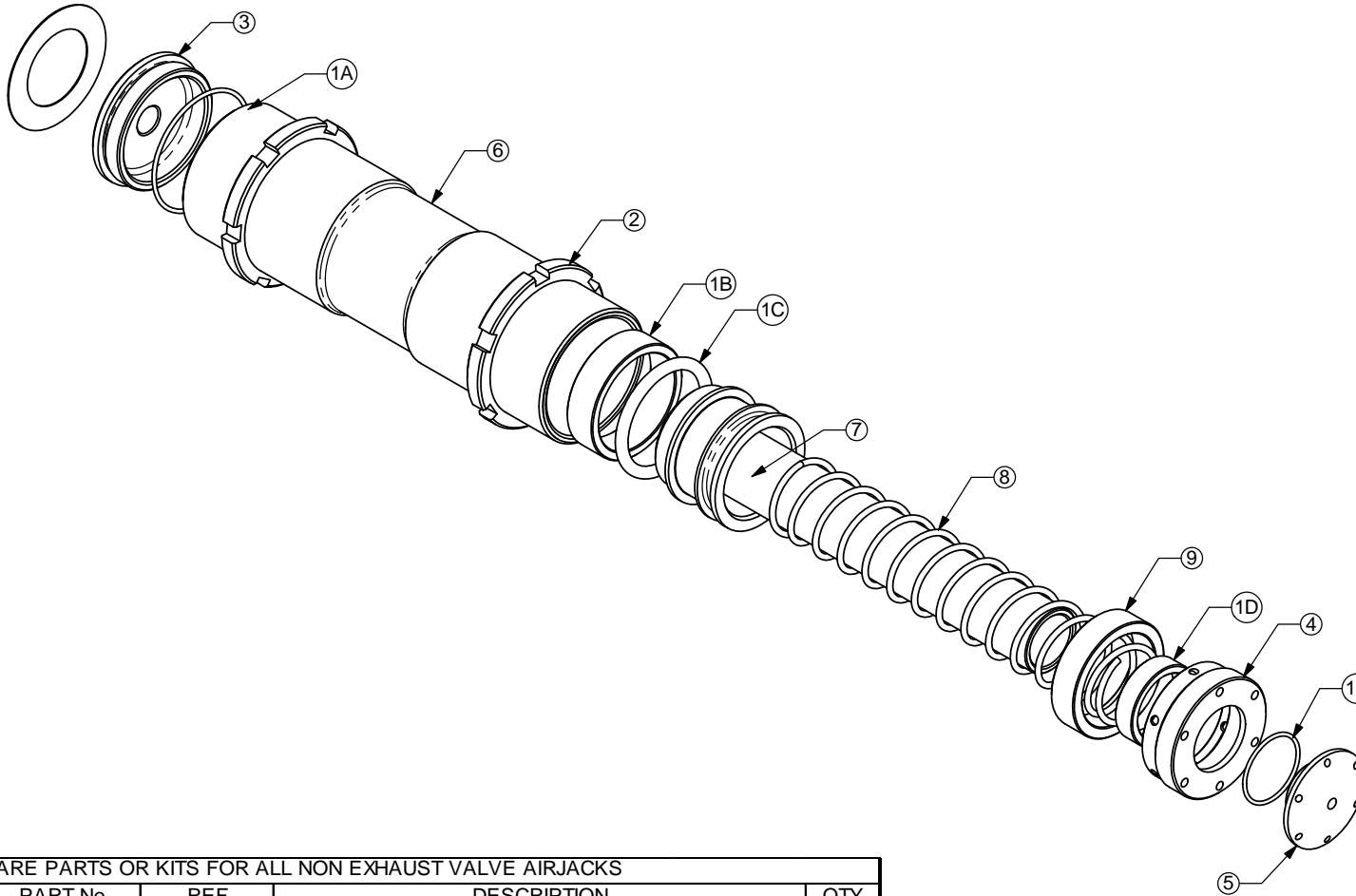
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AP Racing  
Wheler Road  
Coventry  
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Tel: +44 024 7663 9595  
Fax: +44 024 7663 9559  
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Web site: http://www.apracing.com

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**SPARE PARTS OR KITS FOR ALL NON EXHAUST VALVE AIRJACKS**

REF	DESCRIPTION	PART No.	REF	DESCRIPTION	QTY
1	REPAIR KIT	CP3985-11RK	1A	CAP O-RING SEAL	1
			1B	LARGE BEARING	1
			1C	MAIN O-RING SEAL	1
			1D	SMALL BEARING	1
			1E	BUMP STOP O-RING	1
2	MOUNTING RING		CP2820-110		2
3	END CAP		CP3985-157		1
4	BEARING HOUSING		CP3985-104		1

**SPARE PARTS SPECIFIC TO AIRJACK PART NUMBER**

REF	PART NUMBER	150	150S	230	230S	310	310S	QTY
5	FOOT	CP3985-103	CP3985-149	CP3985-103	CP3985-149	CP3985-103	CP3985-149	1
6	BODY	CP3985-101		CP3985-117		CP3985-118		1
7	PISTON ASSEMBLY	CP3985-4		CP3985-6		CP3985-7		1
8	RETURN SPRING	CP3985-107		CP3985-127		CP3985-128		1
9	SPACER	CP3985-143		CP3985-131		CP3985-132		1

**PARTS LIST FOR NON 'EV' VERSIONS OF AIRJACK**

Issue No.	Date & No.	Alterations		Zone	Initials
		Particulars			
-	-	-	SEE SHEET 1 FOR ISSUE INFORMATION.	-	-

SCALE 1:1	SHEET 3 OF 3
DRAWN	D.ARROWSMITH
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DRG NO.	CP3985-1CD