

PARTS CATALOGUE AND RELATED INFORMATION

FOR

NOSE UNDERCARRIAGE

DOWTY AEROSPACE LANDING GEAR

Part No 200734001
(Incorporating Shock Absorber 200912002)

MODIFICATION RECORD

Mod No	AL No	Mod No	AL No	Mod No	AL No	Mod No	AL No	Mod No	AL No	Mod No	AL No
AC3468	*										
AC3864	*										
AC3891	*										
AC5968	*										
AC8615	*										
AC9916	*										

* Incorporated in initial issue of Catalogue
 NA Mod not applicable to this Catalogue
 C Mod cancelled
 AS Amendment Sheet

PARTS CATALOGUE AND RELATED INFORMATION (TOPIC 3)

MEMORANDUM OF INSTRUCTIONS

Demands

1 Requirements for demands are:

1.1 The demand must quote the appropriate Reference Number for each item. Unreferenced parts are not normally provisioned as spares and demands for such items must quote the maker's Part Number and the name and type of the equipment. The location of each part within the equipment should be clearly indicated.

1.2 Demands are to be prepared in accordance with the procedure laid down in AP 830 Volume 1 or BR4.

Local manufacture

2 Parts annotated 'LM' are to be manufactured from local resources. If the manufacture of such items is beyond the capacity of the Unit, the demand is to be endorsed 'Unable to manufacture locally'.

Major repair

3 'MR' indicates that an item is required for major repair purposes only and will not normally be held in store by Units other than those authorised to undertake major repair of the equipment.

Units per assembly

4 The number quoted is the quantity required per next higher assembly in the position shown except 'attaching parts' which quote the quantity required to attach one item. The letters 'AR' in the 'Units per Assy' column indicate that the quantity is 'as required'. Where applicable the quantity normally fitted is shown as a nominal figure, eg (Nom 3). Where an item is listed only for reference purposes the letters 'RF' are quoted.

Classification of equipment

5 The Class of Store is indicated by a single letter as laid down in AP 830 Volume 1 or BR4.

Fitting code (FC)

6 The FC is indicated by one of the following letters and is only quoted against parts which are not directly interchangeable:

- V Open up holes on assembly
- W Partially assembled
- X Ream or machine on assembly
- Y Drill or drill and tap on assembly
- Z Trim on assembly

Obsolescent stock

7 An asterisk in the 'Part No' column indicates that no further purchases of the item will be made but the part is to be used until stocks are exhausted.

Modifications

8 When items are affected by a modification the 'Mod No' is quoted in the description. Modifications incorporated in the catalogue are listed in the Modification Record.

Manufacturers NATO code

9 The NATO supply code for manufacturers is an alpha-numeric code for non-US based approved manufacturers and a numeric code for US based approved manufacturers. Manufacturers details related to a specific code are contained in the following publications available from DCA, Kentigern House, 65 Brown Street, Glasgow G2 8EX.

- 99-H4-1 Name to Code
- 99-H4-2 Code to Name

Usage code

10 The usage code column is normally left blank indicating full applicability of all items. Where a code letter is shown, it indicates that all items with that letter form part of the same assembly or sub-assembly.

INDEX OF PART NUMBERS

Part Number	DMC	Reference Number	Fig/Index	C of S or LM	FC
BALL, 1/8 IN DIA			2-57		
AGS162C		5310-99-7134084	2-32		
AGS162E		5310-99-1086617	2-11		
AGS2002E1		5310-99-7362303	2-5		
AGS245-12			2-31		
A25-10E	28D	5306-99-1011245	2-7		
A27GS		5310-99-4619566	2-35		
C4503Y22	27Q	1620-99-4702403	2-74		
C4504Y4	27Q	5365-99-4118884	3-36		
C8438Y13	27Q	1620-99-4118895	3-40		
C8438Y3	27Q	1620-99-4118886	3-23		
DC4504Y7	27Q	4820-99-4118888	3-21		
D5423Y	27Q	1620-99-4118681	3-3		
D7878Y6	27Q	1620-99-4118905	2-37		
D8438Y9	27Q	1620-99-4118885	3-19		
SP13C	28W	5310-99-9419402	2-2		
SP13E	28W	5310-99-9418921	2-6		
SP13G	28W	5310-99-94194-3	2-36		
SP21	28N	4703-99-9156370	2-13		
			2-25		
			2-70		
SP229-22		5305-99-4118889	3-20		
SP266-14	27Q	5365-99-4118789	2-16		
SP380K	27Q	5340-99-4118934	2-3		
SP4YB19	28P	5315-99-9138818	3-18		
SP411-6	27Q	5310-99-4118954	2-51		
SP420B	27Q	2530-99-2014383	3-2		
SP484B	27Q	5340-99-4118686	3-7		
SP489-76	27Q	5360-99-4118692	3-13		
SP818-8	27QA	1620-99-4118893	3-38		
SP833MK7			3-8A		
SP836-36	27Q	5340-99-4118892	3-26		
SP843C	27Q	1620-99-4118891	3-39		
SP844MK4	27Q	1620-99-4118876	3-30		
SP883-9	27Q	1620-99-4118894	3-27		
SP884C	27Q	5340-99-4118576	2-26		
SP885C38		5305-99-1246377	2-1		
SP9B6		5315-99-9137401	3-6		
SP9C5		5315-99-9429619	3-17		
SP9C8		5315-99-9429528	2-34		
SP900C14	27QA	5330-99-9440291	2-18		
SP900-18	27QA	5330-99-9570581	2-61		
SP908-22	27Q	5340-99-4118936	2-28		

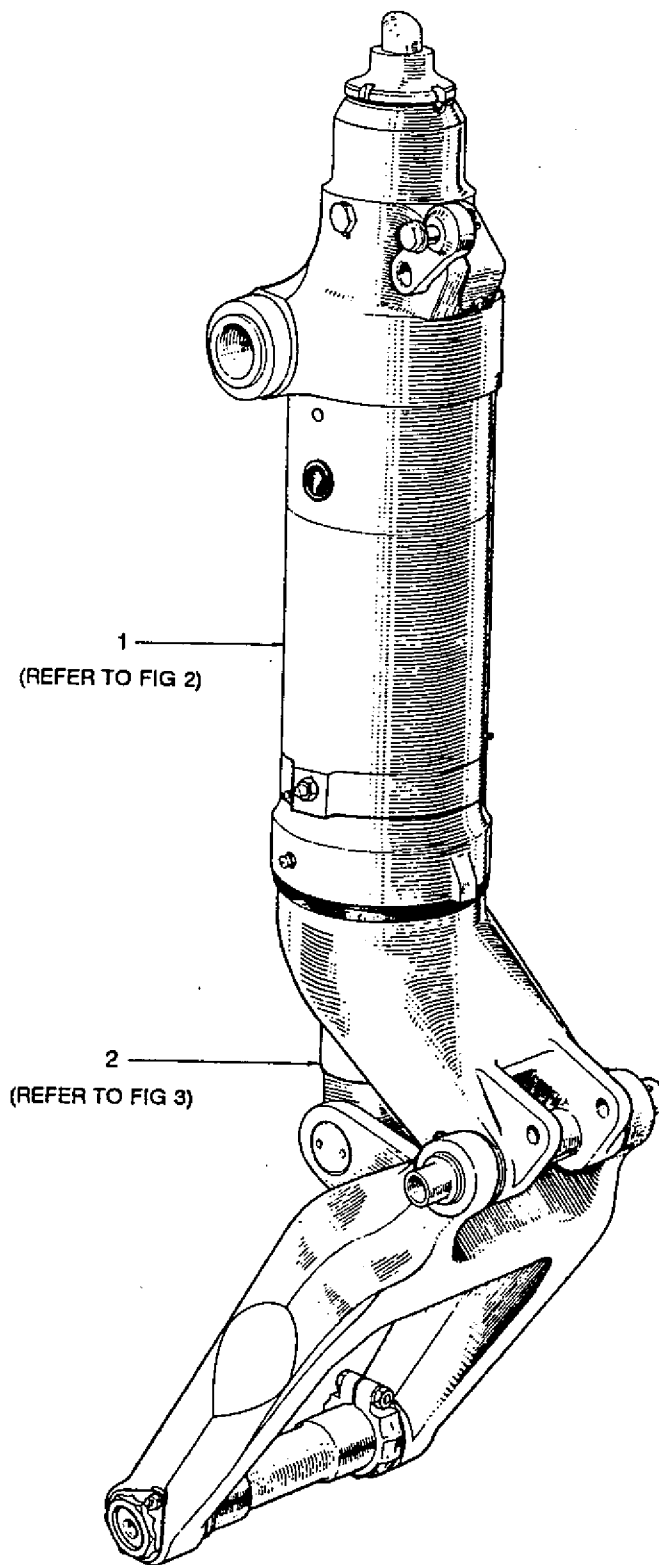
INDEX OF PART NUMBERS

Part Number	DMC	Reference Number	Fig/Index	C of S or LM	FC
100002035	27Q	9905-99-7137605	2-79		
1009U0000			3-3A		
1385Y23	27Q	5310-99-4118953	2-41		
200006189			3-28		
2000Y15		5340-99-4170071	2-80		
			3-42		
200011190			3-31		
200108600	27Q	1650-99-1446318	2-60		
200108601	27Q	5310-99-1446319	2-59		
200108602	27Q	5310-99-1446320	2-58		
200734001		1620-99-1491374	1-1		
			2		
200734200	27QM	1620-99-1491375	2-73		
200734201	27QM	1620-99-1491376	2-64		
200734202	27QM	1620-99-1491377	2-20		
200734300			2-78		
200734301			2-66		
200734302			2-27		
200912002			1-2		
			2-30		
			3-1		
299Y2	27Q	5310-99-4118694	3-12		
3087Y30	27Q	1650-99-4708805	2-24		
3300Y2456	27Q	4720-99-4118693	3-15		
3300Y2457	27Q	1620-99-4118687	3-14		
3579Y3		4010-99-4143881	3-8		
3579Y4		1620-99-4118682	3-16		
382Y2	27Q	1620-99-4143879	3-11		
382Y3		5315-99-4118688	3-10		
382Y9	27Q	1620-99-4143880	3-5		
4503Y10	27Q	1620-99-4118937	2-49		
4503Y11	27Q	5365-99-4118940	2-55		
4503Y12	27Q	1620-99-4118938	2-56		
4503Y14	27Q	5315-99-4118923	2-43		
4503Y16	27Q	5315-99-4670210	2-52		
4503Y17	27Q	5365-99-4702404	2-54		
4503Y18	27Q	1620-99-4118933	2-33		
4503Y19	27Q	3120-99-4118916	2-68		
4503Y21			2-65		
4503Y23	27Q	5306-99-1231184	2-39		
4503Y24	27Q	3120-99-4685347	2-76		
4503Y25	27Q	3120-99-4668640	2-21		
4503Y26			2-12		
4503Y28	27Q	3120-99-4677894	2-23		
4503Y29		5315-99-4118926	2-19		
4503Y31	27Q	4730-99-4118949	2-14		

INDEX OF PART NUMBERS

Part Number	DMC	Reference Number	Fig/Index	C of S or LM	FC
4503Y32	27Q	1620-99-4118906	2-9		
4503Y33	27Q	5310-99-4118919	2-8		
4503Y39	27Q	3120-99-4118907	2-63		
4503Y40	27Q	5315-99-4118950	2-69		
4503Y41	27Q	3120-99-4681844	2-67		
4503Y42	27Q	1680-99-4699620	2-75		
4503Y43	27Q	5365-99-4668639	2-22		
4503Y44	27Q	5365-99-4668638	2-77		
4503Y45	27Q	1650-99-4118939	2-62		
4503Y46			2-50		
4503Y48	27Q	1620-99-4118927	2-17		
4503Y53			2-15		
4503Y57			2-45		
4503Y59	27Q	1620-99-4118935	2-44		
4503Y61			2-9A		
4503Y65	27Q	5365-99-4118941	2-42		
4503Y68	27Q	5306-99-1246452	2-4		
4503Y9	27Q	1620-99-4118918	2-40		
4504Y1			3-43		
4504Y10	27Q	9905-99-4118890	3-41		
4504Y5	27Q	3120-99-4118872	3-37		
4504Y8	27Q	1620-99-4118887	3-22		
4631YMK3	27Q	1620-99-4118883	3-35		
4633YMK3	27Q	1620-99-4118880	3-33		
4634YMK3	27Q	1620-99-4118881	3-32		
4637YMK3	27Q	1620-99-4118882	3-29		
500YMK500	27Q	5360-99-4118945	2-48		
500Y423	27Q	5360-99-4118897	3-24		
500Y424	27Q	5360-99-4118943	2-47		
500Y425	27Q	5360-99-4118944	2-46		
5261A12-288A	27Q	1620-99-4118929	2-29		
5423Y1	27Q	1620-99-4118683	3-4		
553Y54	27 Q	5330-99-2043056	3-9		
750060118			2-61A		
750080114			2-18A		
7878Y10	27Q	1650-99-4671387	2-53		
7878Y27	27Q	5305-99-4118951	2-10		
7878Y28			2-72		
7878Y29	27Q	1650-99-4118947	2-71		
7878Y30	27Q	1620-99-4118922	2-38		
8438Y12	27Q	1620-99-4118898	3-25		
854006014			3-34		

DETAILED PARTS LIST

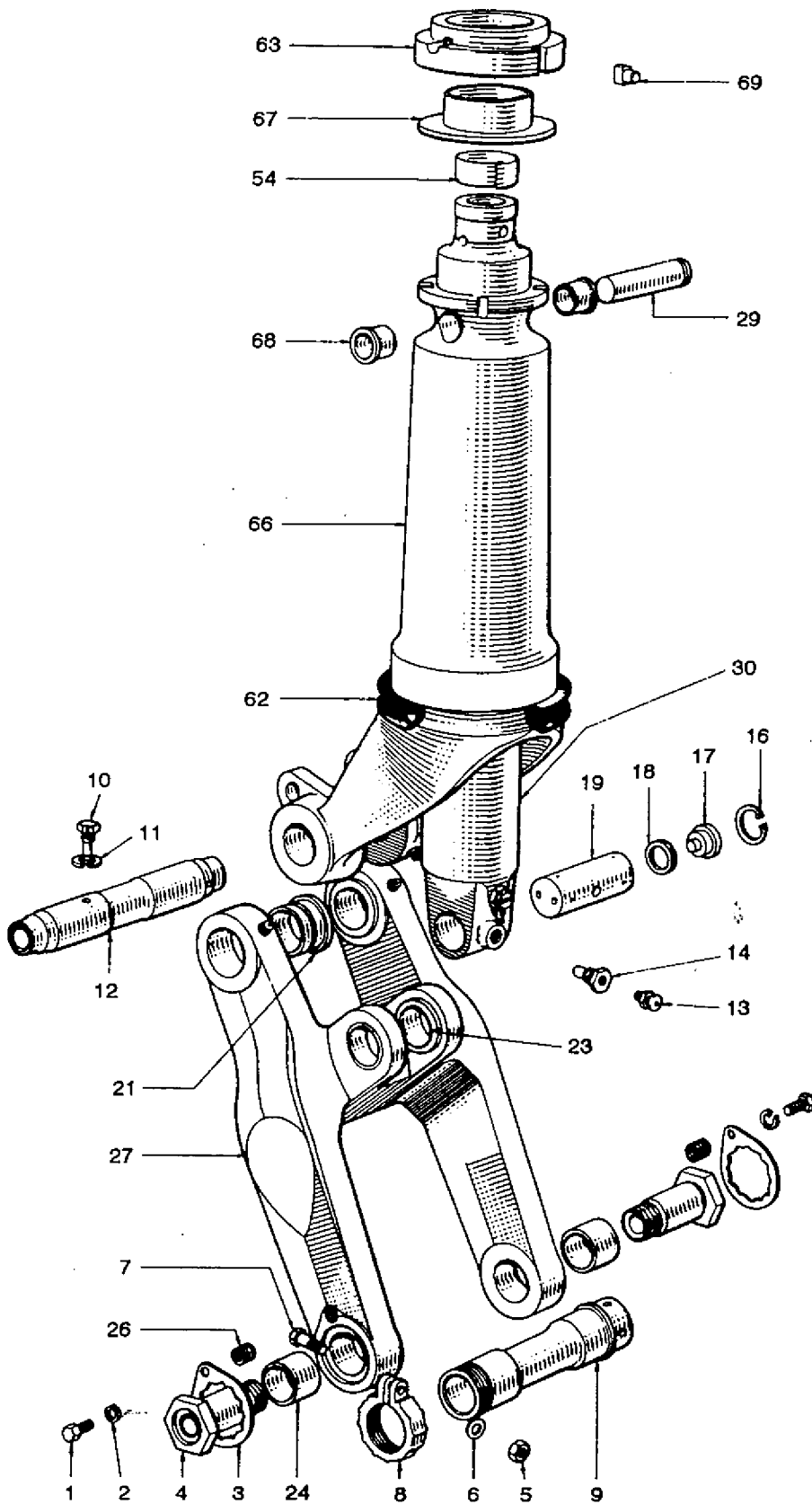


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Fig 1 Nose undercarriage

NOSE UNDERCARRIAGE

Fig/ Index No	Part No	1 2 3 4 5 6 Nomenclature	Mnfrs NATO Code	Usage Code	Units per Assy
1-1	200734001	Nose undercarriage (Mod AC9916) (Refer to Figure 2 for details)	K0654		RF
-2	200912002	. Shock absorber assembly (Mod AC9916) (Refer to Figure 3 for details)	K0654		1



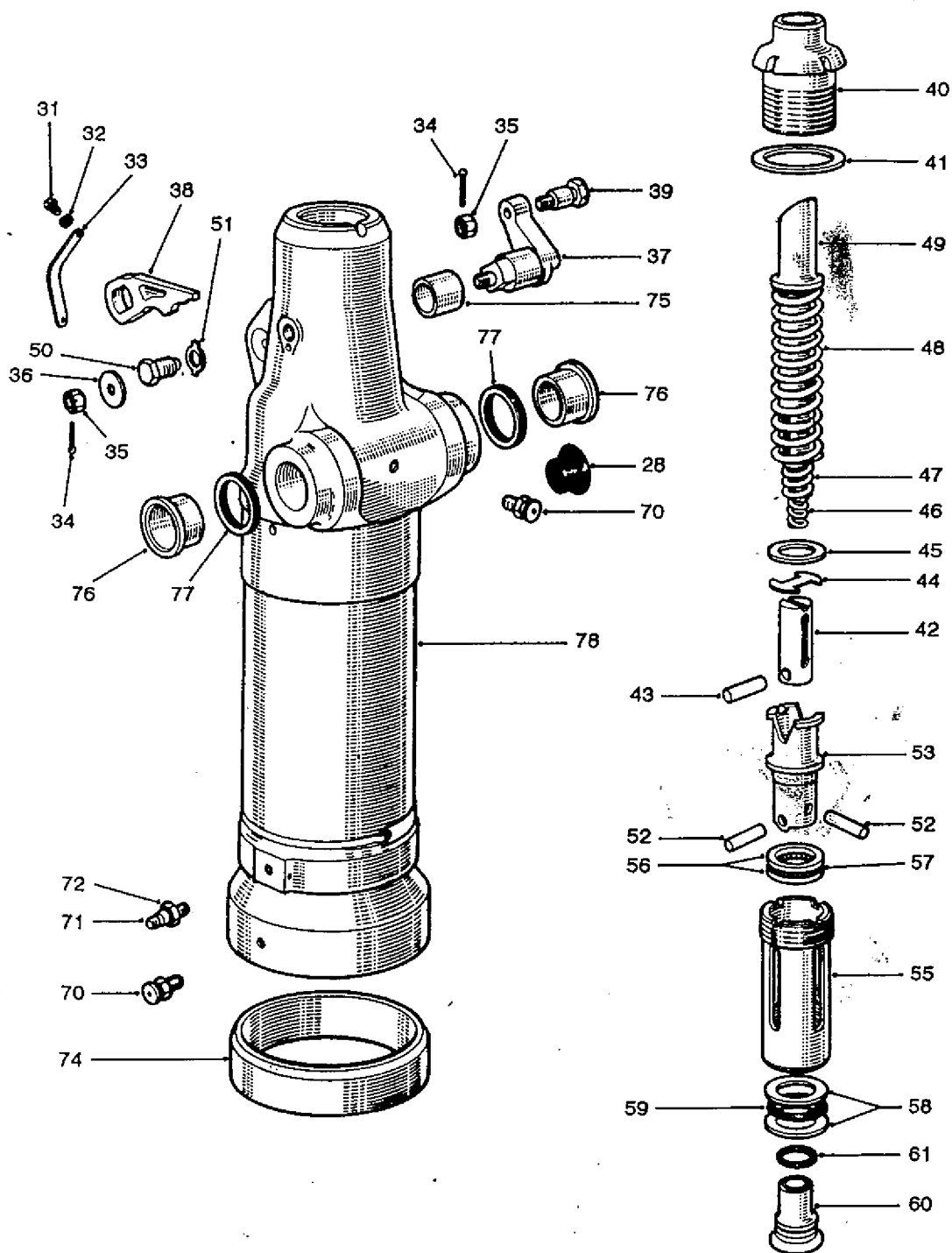
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Fig 2 Nose undercarriage (Sheet 1 of 2)

NOSE UNDERCARRIAGE

Fig/ Index No	Part No	1 2 3 4 5 6 Nomenclature	Mnfrs NATO Code	Usage Code	Units per Assy
2	200734001	Nose undercarriage (Mod AC9916)	K0654		RF
-1	SP885C38	. Screw, set			2
-2	SP13C	. Washer			2
-3	SP380K	. Plate, locking			2
-4	4503Y68	. Bolt, axle	K0654		2
-5	AGS2002E1	. Stiffnut			1
-6	SP13E	. Washer			1
-7	A25-10E	. Bolt			1
-8	4503Y33	. Nut, axle	K0654		1
-9	4503Y32	. Axle	K0654		1
	or	(Alternative)			
-9A+	4503Y61	. Axle	K0654		1
-10	7878Y27	. Stud	K0654		1
-11	AGS162E	. Washer, spring			1
-12	4503Y26	. Pin, pivot	K0654		1
-13	SP21	. Nipple, lubrication			1
-14	4503Y31	. Stud	K0654		1
-15+	4503Y53	. Pin sub-assembly	K0654		1
-16	SP266-14	. . Circlip			1
-17	4503Y48	. . Plug	K0654		1
-18	SP900C14	. . Ring, sealing			1
	or	(Alternative)			
-18A+	750080114	. . Ring, sealing	K0654		1
-19	4503Y29	. . Pin	K0654		1
-20+	200734202	. Wheel fork sub-assembly (Mod AC8615)	K0654		1

+ Item not illustrated



HUNT0808-1

Fig 2 Nose undercarriage (Sheet 2 of 2)

NOSE UNDERCARRIAGE

Fig/ Index No	Part No	1 2 3 4 5 6 Nomenclature	Mnfrs NATO Code	Usage Code	Units per Assy
2-21	4503Y25	. . Bush	K0654		2
-22+	4503Y43	. . Shim	K0654		AR
-23	4503Y28	. . Bush	K0654		2
-24	3087Y30	. . Bush	K0654		2
-25+	SP21	. . Nipple, lubrication			2
-26	SP884C	. . Insert			2
-27	200734302	. . Fork, wheel (Mod AC8615)	K0654		1
-28	SP908-22	. Plug, rubber			1
-29	5261A12-288A	. Pip-pin			1
-30	200912002	. Shock absorber assembly (Refer to Figure 3 for details)	K0654		1
-31	AGS245-12	. Screw			2
-32	AGS162C	. Washer, spring			2
-33	4503Y18	. Plate, cover	K0654		1
-34	SP9C8	. Pin, split			2
-35	A27GS	. Nut, slotted			2
-36	SP13G	. Washer			1
-37	D7878Y6	. Retracting arm sub-assembly	K0654		1
-38	7878Y30	. Pawl	K0654		1
-39	4503Y23	. Bolt, jack attachment	K0654		1
-40	4503Y9	. Housing, plunger	K0654		1
-41	1385Y23	. Lockwasher	K0654		1
-42	4503Y65	. Slide	K0654		1
-43	4503Y14	. Pin, cam	K0654		1

+ Item not illustrated

NOSE UNDERCARRIAGE

Fig/ Index No	Part No	1 2 3 4 5 6 Nomenclature	Mnfrs NATO Code	Usage Code	Units per Assy
2-44	4503Y59	. Plate, stop	K0654		1
-45	4503Y57	. Washer	K0654		1
-46	500Y425	. Spring	K0654		1
-47	500Y424	. Spring	K0654		1
-48	500YMK500	. Spring	K0654		1
-49	4503Y10	. Plunger	K0654		1
-50	4503Y46	. Bolt, special	K0654		2
-51	SP411-6	. Washer, tab			2
-52	4503Y16	. Dowel	K0654		2
-53	7878Y10	. Cam	K0654		1
-54	4503Y17	. Clip, retaining	K0654		1
-55	4503Y11	. Sleeve, retaining	K0654		1
-56	4503Y12	. Ring, thrust	K0654		2
-57	ND	. Bearing, ball, 1/8 in dia			34
-58	200108602	. Washer	K0654		2
-59	200108601	. Washer	K0654		1
-60	200108600	. Plug	K0654		1
-61	SP900-18 or	. O-ring (Alternative)			1
-61A+	750060118	. O-ring	K0654		1
-62	4503Y45	. Ring, wiper	K0654		1
-63	4503Y39	. Bearing, top	K0654		1
-64+	200734201	. Pivot bracket sub-assembly (Mod AC8615)	K0654		1
-65+	4503Y21	. . Bearing, lower inner	K0654		1

+ Item not illustrated

NOSE UNDERCARRIAGE

Fig/ Index No	Part No	1 2 3 4 5 6 Nomenclature	Mnfrs NATO Code	Usage Code	Units per Assy
2-66	200734301	. . Bracket, pivot (Mod AC8615)	K0654		1
-67	4503Y41	. . Sleeve, top bearing	K0654		1
-68	4503Y19	. . Bush	K0654		2
-69	4503Y40	. Stud	K0654		2
-70	SP21	. Nipple, lubrication			2
-71	7878Y29	. Stud	K0654		2
-72	7878Y28	. Locknut (Mod AC3468)	K0654		2
-73+	200734200	. Main fitting sub-assembly (Mod AC8615)	K0654		1
-74	C4503Y22	. . Bearing, lower outer	K0654		1
-75	4503Y42	. . Bearing	K0654		1
-76	4503Y24	. . Bush	K0654		2
-77	4503Y44	. . Shim	K0654		AR
-78	200734300	. . Fitting, main (Mod AC8615)	K0654		1
-79+	100002035	. Nameplate (Mod AC5968)	K0654		1
-80+	2000Y15	. Strap, nameplate (Mod AC5968)	K0654		AR

+ Item not illustrated

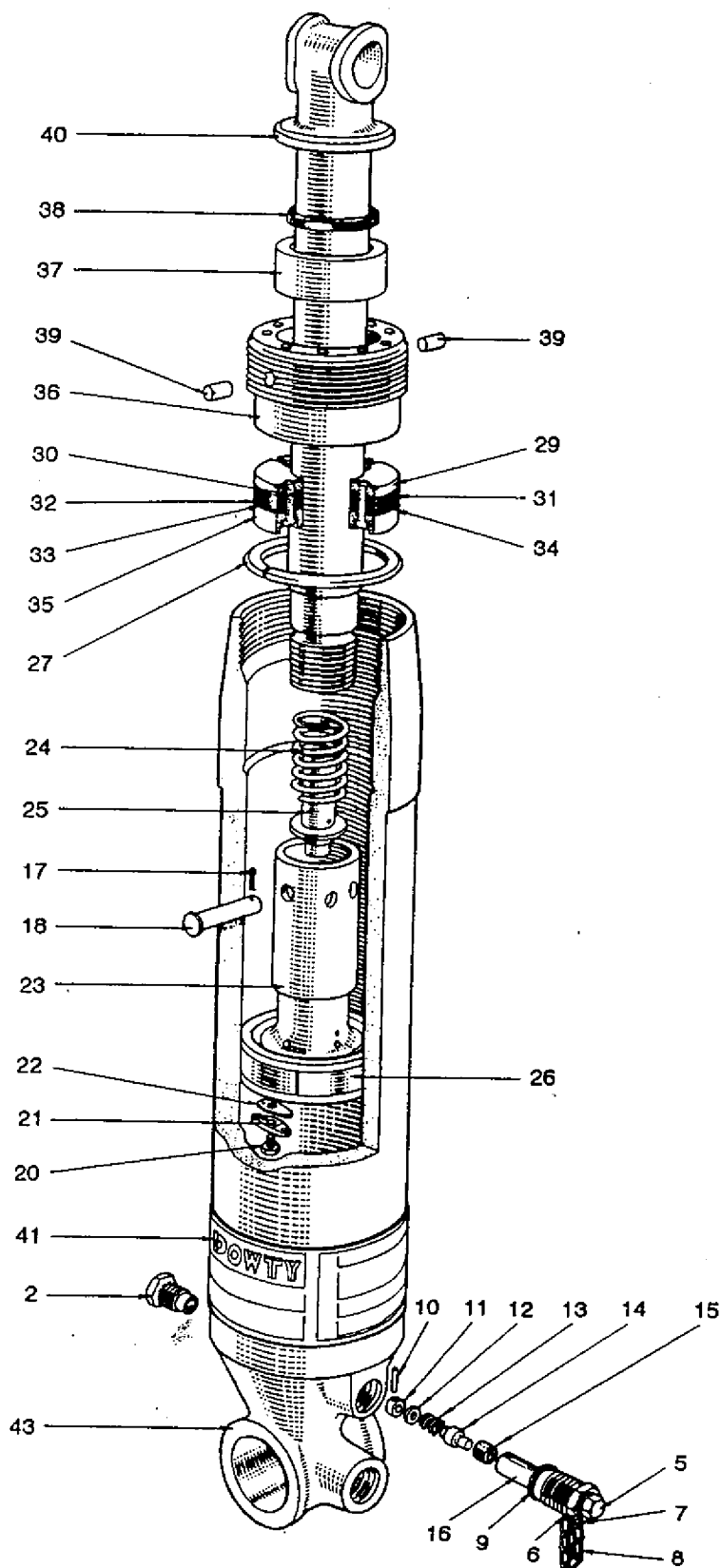


Fig 3 Shock absorber assembly

HUNT5800-1

NOSE UNDERCARRIAGE

Fig/ Index No	Part No	1 2 3 4 5 6 Nomenclature	Mnfrs NATO Code	Usage Code	Units per Assy
3-1+	200912002	Shock absorber assembly (Mod AC9916)	K0654		RF
-2	SP420B	. Plug, sealing			1
-3+	D5423Y	. Charging valve sub-assembly	K0654		1
-3A+	or 1009U0000	(Alternative) . Charging valve sub-assembly	K0654		1
-4+	5423Y1	. . Cap and chain sub-assembly	K0654		1
-5	382Y9	. . . Cap	K0654		1
-6	SP9B6	. . . Pin, split			1
-7	SP484B	. . . Clip, spring			1
-8	3579Y3	. . . Chain	K0654		1
-8A+	or SP833MK7	(Alternative) . . . Chain			1
-9	553Y54	. . Ring, sealing	K0654		1
-10	382Y3	. . Pin, retaining	K0654		1
-11	382Y2	. . Plug	K0654		1
-12	299Y2	. . Washer	K0654		1
-13	SP489-76	. . Spring			1
-14	3300Y2457	. . Pin (Mod AC3891)	K0654		1
-15	3300Y2456	. . Seal	K0654		1
-16	3579Y4	. . Body, valve	K0654		1
-17	SP9C5	. Pin, split			1
-18	SP4YB19	. Pin			1
-19+	D8438Y9	. Piston and recoil valve sub-assembly	K0654		1

+ Item not illustrated

NOSE UNDERCARRIAGE

Fig/ Index No	Part No	1 2 3 4 5 6 Nomenclature	Mnfrs NATO Code	Usage Code	Units per Assy
3-20	SP229-22	. . Screw, set			1
-21	DC4504Y7	. . Valve, recoil	K0654		1
-22	4504Y8	. . Plate, recoil valve	K0654		1
-23	C8438Y3	. . Piston	K0654		1
-24	500Y423	. Spring	K0654		1
-25	8438Y12	. Valve	K0654		1
-26	SP836-36	. Ring, split piston			1
-27	SP883-9	. Ring, locating			1
-28+	200006189	. Gland sub-assembly	K0654		1
-29	4637YMK3	. . Washer, outer	K0654		1
-30	SP844MK4	. . Ring, chamfered			4
-31	200011190	. . Ring, gland	K0654		1
-32	4634YMK3	. . Washer, gauze	K0654		1
-33	4633YMK3	. . Washer, gauze	K0654		1
-34	854006014	. . Ring, anti-extrusion	K0654		1
-35	4631YMK3	. . Washer, inner	K0654		1
-36	C4504Y4	. Nut, gland	K0654		1
-37	4504Y5	. Bearing	K0654		1
-38	SP818-8	. Ring, wiper			1
-39	SP843C	. Plug, nylon			2
-40	C8438Y13	. Rod, piston (Mod AC3864)	K0654		1
-41	4504Y10	. Nameplate	K0654		1
-42+	2000Y15	. Strap, nameplate	K0654		AR
-43	4504Y1	. Cylinder	K0654		1

+ Item not illustrated

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