



ATV
SERVICE
Bulletin



Date: **July 4, 2006**

Subject: **Spring Chart**

No. **2007-2**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
1999 - 2007	All (except youth models)	All	All

Section 1: Spring Applications

It is a quick reference chart which provides authorized spring application for each ATV model. It contains the standard spring part number as installed at the factory.

NOTE: The information in this bulletin supersedes all information previously published.

Please update involved *SHOP MANUALS* by indicating the number of this bulletin in the proper section of the manual.

Section 2: Spring Specifications

Refers to spring specifications.

COIL SPRINGS

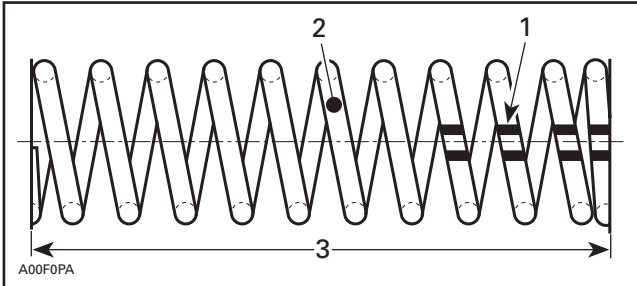
NOTE: Read color codes when spring is upright and stripes are down.

The illustrations show:

- [1] color code stripes,
- [2] wire diameter,
- [3] free length.

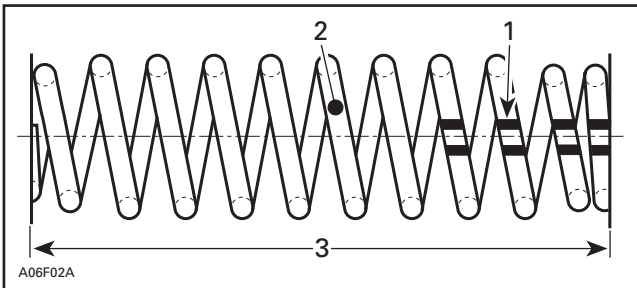
Type R (straight at both ends)

Single Rate Spring



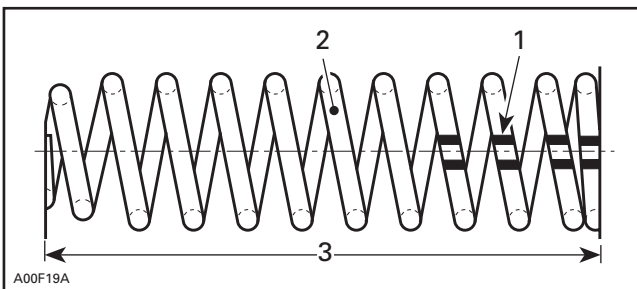
Type V (barrel shape at both ends)

Single Rate Spring



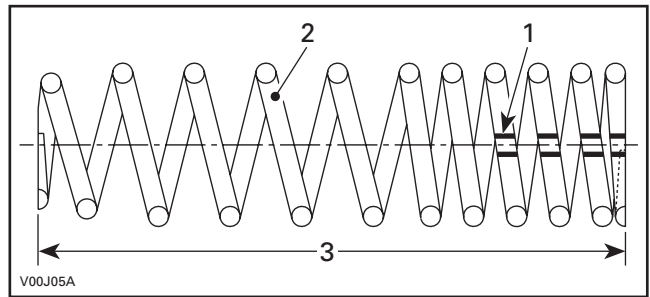
Type W (barrel shape at one end)

Single Rate Spring



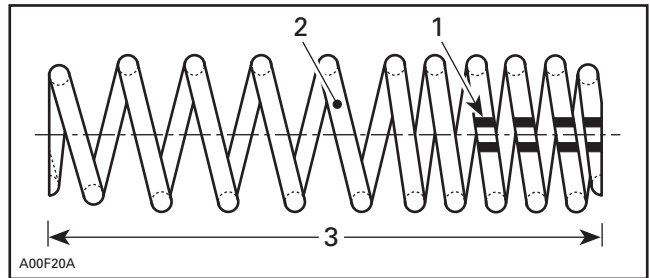
Type 1 (barrel shape at one end)

Dual Rate Spring



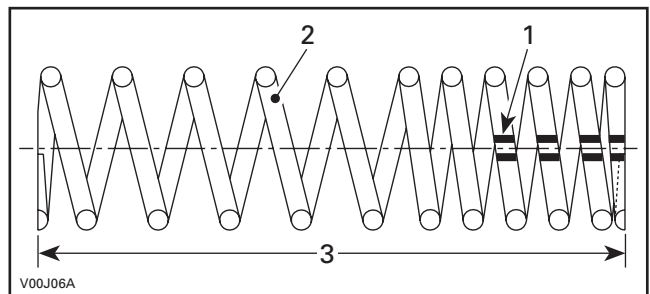
Type 2, 6, 7 (barrel shape at both ends)

Dual Rate Spring



Type 5 (straight on both ends)

Dual Rate Spring



SECTION 1

Spring Applications

MODEL		MODEL YEAR	MODEL NUMBER	SPRING P/N	
				FRONT	REAR
DS 650	STD	2000 - 2002	All	706 200 082	706 000 077 (Long) 706 000 059 (Short)
		2003	All	706 200 296	706 000 199
		2004 - 2005	All	706 200 315	706 000 255
	Baja	2002	All	706 200 082	706 000 077
		2003	All	706 200 082	706 000 242
		2004 - 2005	All	706 200 337	706 000 270
	Baja X	2004 - 2007	All	706 200 348	706 000 292
Outlander	STD/XT	2003 - 2005	All	706 200 216	706 000 245
	CAMO/CAMO XT	2004 - 2005	All	706 200 355	706 000 289
	MAX	2004 - 2005	All	706 200 353	706 000 261
	650-800 STD	2006 - 2007	All	706 200 409	706 000 476 706 000 338
	650-800 XT		All	706 200 590 706 200 564	706 000 476 706 000 338
	650-800 MAX		All	706 200 486	706 000 476 706 000 443
	650-800 MAX XT		All	706 200 590 706 200 566	706 000 476 706 000 443
	400 STD/XT/CAMO		All	706 200 355	706 000 289
	400 MAX/MAX XT		All	706 200 516	706 000 465
	800 MAX Limited	2007	All	706 200 590 706 200 566	706 000 476 706 000 443
	500 STD		All	706 200 626	706 000 476 706 000 338
	500 XT		All	706 200 637	706 000 476 706 000 338
	500 MAX		All	706 200 626	706 000 476 706 000 443
	500 MAX XT		All	706 200 637	706 000 476 706 000 443
Quest	STD 500	2002	All	706 200 006	706 000 172
	STD 650/XT	2002	All	706 200 006	706 000 130
	STD/XT	2003	All	706 200 006	706 000 172
	CAMO/ CAMO XT	2003	All	706 200 307	706 000 244
	STD/XT	2004	All	706 200 301	706 000 301
	CAMO	2004	All	706 200 358	706 000 304
	MAX/MAX XT	2004	All	706 200 301	706 000 306
	MAX CAMO 650/ MAX CAMO XT 650	2004	All	706 200 358	706 000 309

Spring Applications (con't)

MODEL		MODEL YEAR	MODEL NUMBER	SPRING P/N		
				FRONT	REAR	
Rally	STD	2003 - 2004	All	706 200 240	706 000 154	
		2005 - 2006 -2007	All	A51401179000	A52405179000	
DS 250		2006 - 2007	not applicable			
Traxter	Autoshift	2001 - 2003	All	706 200 006	706 000 068	
		2004	All	706 200 301	706 000 301	
		2005	All	706 200 467	706 000 301	
	Footshift	2001	All	706 200 006	706 000 068	
	MAX	2003	All	706 200 301	706 000 236	
		2004	All	706 200 301	706 000 306	
		2005	All	706 200 467	706 000 306	
	MAX XT	2005	All	706 200 470	706 000 306	
	STD	1999 - 2000	7400, 7401, 7413, 7414	706 200 006	706 000 003	
			7405, 7406, 7407, 7408, 7415, 7416, 7417, 7418	706 200 006	706 000 068	
		2001	All	706 200 006	706 000 068	
		2001 - 2003	All	706 200 006	706 000 114	
	XL	2004	All	706 200 301	706 000 114	
		2005	All	706 200 467	706 000 398	
		2001 - 2003	All	706 200 006	706 000 068	
	XT	2004	All	706 200 301	706 000 301	
		2005	All	706 200 470	706 000 301	
		2005	All	706 200 467	706 000 301	
	Traxter CVT	500	2005	All	706 200 467	706 000 301
		650	2005	All (except CAMO)	706 200 467	703 000 301
CAMO				706 200 469	706 000 304	
650 XT		2005	All (except CAMO)	706 200 470	706 000 301	
			CAMO	706 200 472	706 000 304	
MAX		2005	All	706 200 467	706 000 306	
MAX XT		2005	All	706 200 470	706 000 306	

SECTION 2

Spring Specifications

COIL SPRINGS SPECIFICATIONS (REAR shock absorber)						
P/N	TYPE	SPRING RATE (lb/in) ± 10	FREE LENGTH (mm) ± 3	WIRE DIAMETER (mm) ± .05	COLOR CODE STRIPES	COLOR OF SPRING
		(rate 1 / rate 2 where applicable)				
A52405179000	N/A	114.8	284.2	9.2	N/A	Full Moon
706 000 003	5	68 / 90	355	7.77	BL/BK/BK	Yellow
706 000 059	W	700	52.7	10.31	BL/YL/BK	Red
706 000 068	R	68	355	7.77	GN/WH/BK	Yellow
706 000 077	W	350 ±15	251.5	12.19	BL/RD/RD	Yellow
706 000 114	5	74 / 237	360.7	8.25	BK/SI/BK	Yellow
706 000 130	R	45	360	6.91	WH/RD/BK	Yellow
706 000 154	R	115 / 155	294	68.71	BK/BK	Full Moon
706 000 172	R	45.7 ±4.5	345	6.91	GN/BK/RD	Yellow
706 000 199	7	242 ±15	304.8	12.19	YL/GD/BK	Red
706 000 236	5	62.8	395	7.92	SI/BK/BK	Yellow
706 000 242	7	242 ±15 / 350 ±15	304.8	12.19	SI/BK	Yellow
706 000 244	R	45.7 ±4.5	345	6.91	WH/GN/YL	Deep Black
706 000 245	2	66 ±5 / 106 ±5	371	8.41	BL/BK/BL	Full Moon
706 000 255	7	228 ±15 / 416.6 ±5	320	11.89	WH/YL/BK	Red
706 000 261	2	84 / 128.5	413	8.71	BL/GN/BL	Full Moon
706 000 270	7	228 ±15 / 416.8 ±15	320	11.89	SI/YL/BK	Orange
706 000 289	2	66 ±5 / 106 ±5	371	8.41	BL/WH/BL	Deep Black
706 000 292	7	228 ±15 / 416.8 ±15	320	11.89	GD/WH/BK	Full Moon
706 000 301	R	40	429	6.65	GN/BK/BL	Yellow
706 000 304	R	40	429	6.65	GN/RD/BL	Deep Black
706 000 306	R	68.5 / 102.8	401	7.92	BL/BK/RD	Yellow
706 000 309	5	68.5 / 102.8	401.3	7.92	BL/WH/RD	Deep Black
706 000 338	W	108.5	308.1	8.25	GN/GD/BL	Deep Black
706 000 398	6	65.4 / 199.5	353	8.25	GN/SI/RD	Yellow
706 000 443	W	108.5	318.1	8.41	GD/BL/BL	Deep Black
706 000 465	2	84 / 128.5	413	8.71	SI/BL/YL	Black
706 000 476	W	235.1	98.1	8.25	GD/RD/BL	Deep Black

SPRING COLOR CODES			
BK = BLACK	BL = BLUE	GD = GOLD	GN = GREEN
OR = ORANGE	PI = PINK	RD = RED	SI = SILVER
WH = WHITE		YL = YELLOW	

COIL SPRINGS SPECIFICATIONS (FRONT shock absorber)

P/N	TYPE	SPRING RATE (lb/in) ± 10	FREE LENGTH (mm) ± 3	WIRE DIAMETER (mm) ± .05	COLOR CODE STRIPES	COLOR OF SPRING
		(rate 1 / rate 2 where applicable)				
A51401179000	N/A	99.9	232.7	8.1	N/A	Full Moon
706 200 006	V	140	270	8.25	OR/BK/BK	Yellow
706 200 082	2	90 / 140	368.3	9.53	BK/WH/BK	Yellow
706 200 216	2	60 ±5 / 100 ±5	354	8.25	BL/RD/BL	Full Moon
706 200 240	1	100 / 140	261	7.49	RD/RD	Full Moon
706 200 296	2	90 / 140	368.3	9.53	GD/GD/BK	Red
706 200 301	6	108.5 / 165.6	290	8.71	SI/RD/BK	Yellow
706 200 307	V	140	270	7.92	GN/RD/RD	Deep Black
706 200 315	2	90 / 140	368.3	9.19	GD/BL/BK	Red
706 200 337	2	90 / 140	368.3	9.19	GD/GN/BK	Orange
706 200 348	2	90 / 140	368.3	9.19	GN/GN/BK	Full Moon
706 200 353	2	60 ±5 / 114.2 ±5	375	8.71	BL/YL/BL	Full Moon
706 200 355	2	60 ±5 / 100 ±5	354	8.25	RD/YL/RD	Deep Black
706 200 358	6	108.5 / 165.6	290	8.71	GN/YL/GN	Deep Black
706 200 409	6	60 / 114.2	349	8.25	GN/GD/GN	Black
706 200 467	6	108.5 / 165.6	290	8.25	SI/BK/BL	Yellow
706 200 469	6	108.5 / 165.6	290	8.25	WH/SI/RD	Black
706 200 470	6	108.5 / 165.3	307	9.19	GN/SI/BL	Yellow
706 200 472	6	108.5 / 165.3	307	9.19	WH/WH/RD	Black
706 200 486	6	60 / 114.2	358	8.41	GD/YL/BL	Black
706 200 516	2	60 / 114.2	375	8.71	GD/SI/RD	Black
706 200 564	W	171.3	228.7	8.25	SI/RD/BL	Black
706 200 566	W	170	238.7	8.41	SI/BL/BL	Black
706 200 590	W	92.35	117.6	6.65	SI/GD/BL	Black
706 200 626	2	54.8 / 125.6	372	8.41	SI/GD/YL	Black
706 200 637	2	54.8 / 125.6	387	8.83	SI/YL/GN	Black

SPRING COLOR CODES

BK = BLACK	BL = BLUE	GD = GOLD	GN = GREEN
OR = ORANGE	PI = PINK	RD = RED	SI = SILVER
WH = WHITE		YL = YELLOW	