

August 12, 2008

Subject: **Spring Chart /**

No.

**2009-4**

**Accessory Shock Absorber / Spring Kits**

YEAR	MODEL	MODEL NUMBER	SERIAL NUMBER
1999 - 2009	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.

## SECTION 2: SPRING SPECIFICATIONS

Refers to spring specifications.

**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.

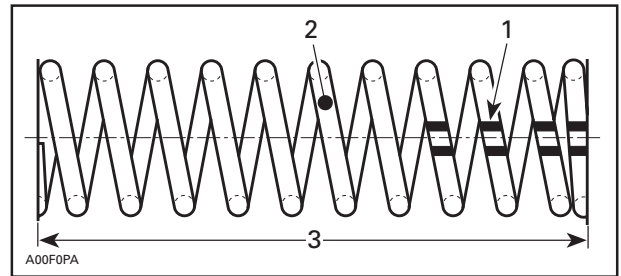
## COIL SPRINGS

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

The illustrations show:

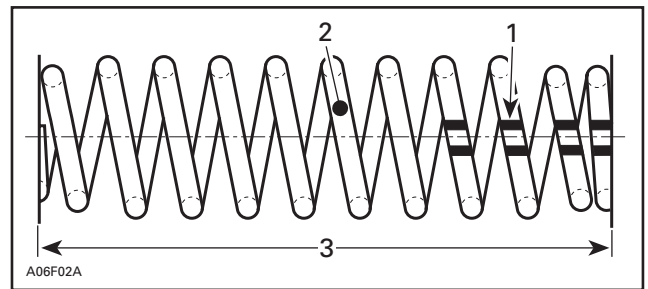
- [1] color code stripes,
- [2] wire diameter,
- [3] free length.

### Type R (straight at both ends)



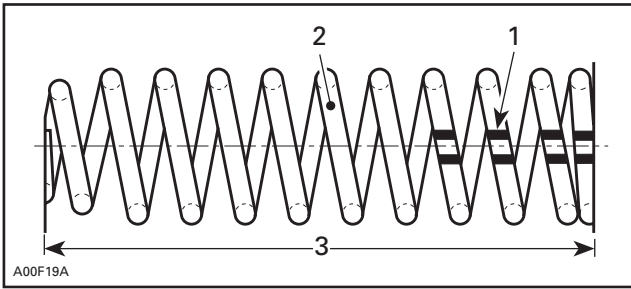
### Single Rate Spring

### Type V (barrel shape at both ends)



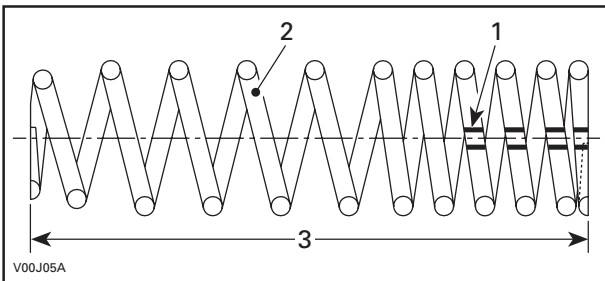
### Single Rate Spring

## Type W (barrel shape at one end)



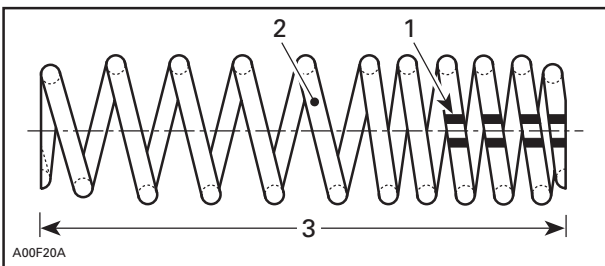
Single Rate Spring

## Type 1 (barrel shape at one end)



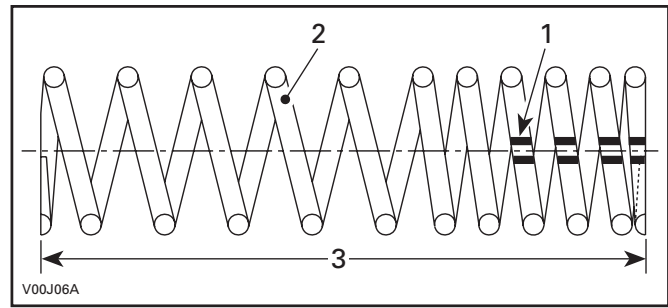
Dual Rate Spring

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

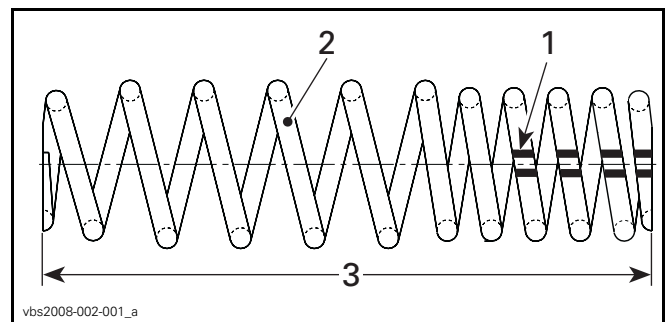


Dual Rate Spring

## Type 5 (straight on both ends)



## Type 8 (barrel shape at 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	706 200 348	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	706 200 348	706 000 077
		2003	All	706 200 348	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
Outlander	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
	650-800 STD		2008	All	706 200 409
	650-800 XT	All		706 200 697	706 000 549
	650-800 MAX	All		706 200 486	706 000 551
	650-800 MAX XT	All		706 200 702	706 000 551
	400 STD/XT/CAMO	All		706 200 355	706 000 289
	400 MAX/MAX XT	All		706 200 711	706 000 465
	800 MAX Limited	All		706 200 702	706 000 551
	500 STD	All		706 200 713	706 000 549
	500 XT	All		706 200 715	706 000 549
	500 MAX	All		706 200 713	706 000 551
	500 MAX XT	All		706 200 715	706 000 551

**SECTION 1**

**SPRING APPLICATIONS**

MODEL		MODEL YEAR	MODEL NUMBER	SPRING P/N	
				FRONT	REAR
Outlander	400 STD / XT	2009	All	706 200 819	706 000 649
	400 MAX / MAX XT		All	706 200 818	706 000 650
	500 STD		All	706 200 825	706 000 651
	500 XT		All	706 200 824	706 000 651
	500 MAX		All	706 200 825	706 000 652
	500 MAX XT		All	706 200 824	706 000 652
	650 / 800 STD		All	706 200 820	706 000 651
	650 / 800 XT		All	706 200 823	706 000 651
	650 / 800 MAX		All	706 200 821	706 000 652
	650 / 800 MAX XT		All	706 200 822	706 000 652
	800 MAX LTD		All	706 200 822	706 000 652
	Renegade		800	2007	All
800		2008	All	706 200 632	706 000 511
800 X			All	706 200 701	706 000 570
500			All	706 200 632	706 000 568
500		2009	All	706 200 829	706 000 653
800			All	706 200 829	706 000 654
800 X			All	706 200 827	706 000 656
DS	450	2008	All	706 200 481	706 000 505
	450	2009	All	706 200 481	706 000 677
	450 XXC		All	706 200 830	706 000 659
	450 XMX		All	706 200 833	706 000 609
Quest	STD 500	2002	All	706 200 006	706 000 172
	STD 650/XT	2002	All	706 200 006	706 000 172
	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	706 000 306
Rally	STD	2003 - 2004	All	706 200 240	706 000 154
		2005 - 2006 -2007	All	A51401179000	A52405179000
DS 250		2006 - 2007 - 2008 - 2009	not applicable		

**SECTION 1**

**SPRING APPLICATIONS**

MODEL		MODEL YEAR	MODEL NUMBER	SPRING P/N	
				FRONT	REAR
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
		1999 - 2000	7405, 7406, 7407, 7408, 7415, 7416, 7417, 7418	706 200 006	706 000 068
		2001	All	706 200 006	706 000 068
	XL	2001 - 2003	All	706 200 006	706 000 114
		2004	All	706 200 301	706 000 114
		2005	All	706 200 467	706 000 398
	XT	2001 - 2003	All	706 200 006	706 000 068
		2004	All	706 200 301	706 000 301
		2005	All	706 200 470	706 000 301
	Traxter CVT	500	2005	All	706 200 467
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
706 000 154	R	115 / 155	294	8.71	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 ±5 / 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 ±5 / 416.8 ±5	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 ±5 / 416.8 ±5	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
706 000 338	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
706 000 505	S	251	272	10.3	WH/BL/WH	Yellow
706 000 511	8	74.2 / 131.3	348	8.83	GD/GD/GN	Yellow
706 000 549	8	74.2 / 108.5	354	8.83	GD/BL/GD	Deep Black
706 000 551	8	74.2 / 108.5	364	8.83	GD/GN/GD	Deep Black
706 000 568	8	74.2 / 114.2	380	8.83	SI/RD/WH	Yellow
706 000 570	8	85.6 / 131.3	383	9.19	SI/GD/BL	Yellow
706 000 609	8	187.3 / 250	311	10.3	GN/BL	Yellow
706 000 649	2	66 ±5 / 106 ±5	371	8.41	SI/YL/WH	Deep Black
706 000 650	2	84 / 128.5	413	8.71	SI/GD/GD	Deep Black

**SECTION 2****SPRING SPECIFICATIONS****COIL SPRINGS SPECIFICATIONS (REAR SHOCK ABSORBER)**

706 000 651	8	74.2 ±5 / 108.5 ±5	354	8.83	SI/WH/GD	Deep Black
706 000 652	8	74.2 ±5 / 108.5 ±5	364	8.83	SI/SI/GD	Deep Black
706 000 653	8	74.2 ±5 / 114.2 ±5	380.8	8.83	WH/SI/GD	Deep Black
706 000 654	8	74.2 ±5 / 131.3 ±5	348	9.19	SI/RD/SI	Yellow
706 000 656	8	85.6 ±5 / 131.3 ±5	383.7	9.19	SI/BL/SI	Yellow
706 000 659	6	187.3 / 250	286.4	9.98	RD/RD	Yellow

**SPRING COLOR CODES**

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

**SECTION 2**

**SPRING SPECIFICATIONS**

**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
706 200 481	1	108.5 / 199.9	280	8.83	WH/RD/WH	Black / Yellow
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
706 200 697	6	60 / 159.9	359.2	8.83	WH/RD/GD	Deep Black
706 200 702	6	60 / 159.9	369.2	9.19	SI/RD/GD	Deep Black
706 200 711	8	60 / 114.2	375	8.25	SI/YL/GD	Deep Black
706 200 713	8	54.8 / 125.6	372	8.41	SI/BL/GD	Deep Black
706 200 715	8	54.8 / 125.6	387	8.41	WH/BL/GD	Deep Black
706 200 632	6	87.9 / 131.3	319	8.83	SI/WH/GN	Yellow
706 200 701	8	87.9 / 131.3	328.7	8.25	SI/GN/GD	Yellow
706 200 818	8	60 ±5 / 114.2 ±5	375	8.25	SI/GD/WH	Deep Black
706 200 819	2	60 ±5 / 100 ±5	354	8.25	SI/WH/WH	Deep Black
706 200 820	6	60 ±5 / 114.2 ±5	349	8.25	SI/YL/SI	Deep Black
706 200 821	6	60 ±5 / 114.2 ±5	358	8.41	WH/SI/WH	Deep Black



**SECTION 2****SPRING SPECIFICATIONS****COIL SPRINGS SPECIFICATIONS (FRONT SHOCK ABSORBER)**

706 200 822	6	60 ±5 / 159.9 ±5	369.2	9.19	GD/SI/GD	Deep Black
706 200 823	6	60 ±5 / 159.9 ±5	359.2	8.83	SI/GD/SI	Deep Black
706 200 824	8	54.8 ±5 / 125.6 ±5	387	8.41	GD/RD/GD	Deep Black
706 200 825	8	54.8 ±5 / 125.6 ±5	372	8.41	SI/SI/SI	Deep Black
706 200 827	8	87.9 ±5 / 131.3 ±5	328.67	8.25	SI/GN/SI	Yellow
706 200 829	6	87.9 ±5 / 131.3 ±5	319	8.83	SI/BL/WH	Yellow
706 200 830	6	127.9 / 222.7	226.8	8.83	RD/RD/BK	Yellow
706 200 833	8	101 ±5 / 174.7	301.6	9.19	RD/BK/BK	Yellow

**SPRING COLOR CODES**

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

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- Fade-free performance

#### FRONT HPG SHOCK KIT

Outlander 650/800 Standard models  
> 715 000 303



Sold in pairs

#### FRONT HPG SHOCK KIT WITH SPRINGS

Outlander 650/800 XT or 650/800 Standard models equipped with accessory winch  
> 715 000 304

Sold in pairs



#### REAR HPG SHOCK KIT WITH SPRINGS

Outlander 650/800 Standard and XT models  
> 715 000 305

Sold in pairs

### FRONT HEAVY DUTY SPRINGS FOR OUTLANDER 650 AND 800 MODELS

- 100% more rigid than factory installed front springs for stiffer front suspension behavior
- Ideal for snow plowing or heavy load transportation applications

#### FRONT HEAVY DUTY SPRING KIT

Outlander 650/800 Standard and XT models

> 715 000 306

Sold in pairs



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