



**PROGRESSIVE**<sup>®</sup>  
S U S P E N S I O N

**Specifications**  
and  
**Technical Information**

## Specifications and Technical Information

### Fork Springs

Order No.	Free Length - In.	Free Length - MM	O.D. - In.	O.D. - MM.	Rates lbs/in	Rates kg/mm	Spacer
11-1100	21.00	533	1.10	28	45/70	.80/1.25	n/a
11-1101	20.50	521	1.08	27	30/40	.54/.71	1.75
11-1102	20.75	527	1.19	30	45/70	.80/1.25	n/a
11-1103	19.12	486	0.99	25	35/50	.63/.89	0.62
11-1104	19.12	486	0.99	25	35/50	.63/.89	1.30
11-1106	19.12	486	0.99	25	35/50	.63/.89	n/a
11-1108	20.75	527	0.99	25	35/50	.63/.89	n/a
11-1109	19.75	502	0.86	22	35/45	.63/.80	0.62
11-1110	20.50	521	1.08	27	30/40	.54/.71	10.00
11-1111	20.75	527	0.99	25	35/50	.63/.89	1.30
11-1112	20.75	527	1.19	30	45/70	.80/1.25	1.25
11-1114	19.75	502	1.05	27	25/35	.45/.63	10.00
11-1115	19.75	502	0.86	22	30/40	.54/.71	n/a
11-1116	20.75	527	0.99	25	30/40	.54/.71	n/a
11-1117	20.50	521	1.08	27	30/40	.54/.71	n/a
11-1119	19.00	483	0.95	24	25/35	.45/.63	n/a
11-1120	19.75	502	0.90	23	35/50	.63/.89	2.12
11-1120S	18.75	476	0.90	23	35/50	.63/.89	2.12
11-1122	20.00	508	1.34	34	45/70	.80/1.25	n/a
11-1124	18.50	470	1.20	30	35/50	.63/.89	3.50
11-1125	19.00	483	0.99	25	35/50	.63/.89	0.56
11-1126	18.00	457	1.35	34	35/50	.63/.89	10.00
11-1127	22.75	578	1.28	33	30/45	.54/.80	n/a
11-1128	19.75	502	1.14	29	30/45	.54/.80	10.00
11-1129	18.50	470	1.20	30	35/50	.63/.89	n/a
11-1130	18.50	470	1.20	30	35/50	.63/.89	1.00
11-1131	15.75	400	1.26	32	50/80	.89/1.42	5.00
11-1132	18.50	470	1.20	30	35/50	.63/.89	2.40
11-1133	15.75	400	1.26	32	50/80	.89/1.42	3.00
11-1141	22.50	572	1.37	35	20/30	.36/.54	10.00
11-1143	22.50	572	1.45	37	20/30	.36/.54	10.00
11-1143MX	21.87	555	1.45	37	19/23	.34/.41	10.00
11-1144	15.50	394	1.45	37	40/65	.71/1.16	10.00
11-1145	18.00	457	1.35	34	40/65	.71/1.16	10.00
11-1148	14.50	368	1.45	37	40/65	.71/1.16	n/a
11-1151	22.50	572	1.21	31	25/40	.45/.71	n/a
11-1152	20.50	521	1.35	34	35/80	.63/1.42	n/a
11-1153	17.50	445	1.20	30	35/50	.63/.89	0.56
11-1154	15.75	400	1.26	32	57/78	1.01/1.39	2.40/7.00
11-1503UD	20.20	513	1.60	41	19/23	.34/.41	n/a
11-1504UD	19.12	486	1.50	38	19/23	.34/.41	1.00
11-1506	22.50	572	1.35	34	30/40	.59/.71	10.00
11-1507	14.50	368	1.57	40	45/65	.80/1.16	n/a
11-1509	18.00	457	1.28	33	35/60	.63/1.07	4.25
11-1510	22.50	572	1.45	37	25/35	.45/.63	10.00
11-1511	16.50	419	1.40	36	40/65	.71/1.16	n/a
11-1513	12.50	318	1.60	41	40/70	.71/1.25	n/a
11-1519	20.00	508	1.53	39	26/28	.46/.50	n/a

## Specifications and Technical Information

### Fork Springs

Order No.	Free Length - In.	Free Length - MM	O.D. - In.	O.D. - MM.	Rates lbs/in	Rates kg/mm	Spacer
11-1520	12.50	318	1.60	41	35/50	.63/.89	n/a
11-1521	13.37	340	1.45	37	40/65	.71/1.16	n/a
11-1523	18.50	470	1.20	30	35/50	.63/.89	2.00
11-1525	18.00	457	1.71	43	35/50	.63/.89	4.63
11-1526	14.50	368	1.45	37	40/65	.71/1.16	n/a
11-1527	18.50	470	1.20	30	35/50	.63/.89	3.00
11-1528	14.50	368	1.26	32	50/80	.89/1.42	3.50
11-1529	14.75	375	1.48	38	45/65	.80/1.16	n/a
11-1530	12.00	305	1.57	40	55/80	.98/1.42	n/a
11-1533	16.50	419	1.40	36	40/65	.71/1.16	4.75
11-1534	14.75	375	1.48	38	45/65	.80/1.16	10.75
11-1535	15.50	394	1.45	37	40/65	.71/1.16	1.34
11-1536	15.75	400	1.26	32	68/93	1.21/1.66	5.00
11-1545	18.00	457	1.71	43	45/65	.80/1.16	4.63
11-1546	18.00	457	1.71	43	45/65	.80/1.16	4.30
11-1547	20.50	521	1.35	34	35/80	.63/1.42	n/a
11-1549	15.75	400	1.26	32	68/93	1.21/1.66	3.00
11-1552	18.50	470	1.20	30	44/71	.79/1.27	3.00
11-1553	17.25	438	1.61	41	30/60	.54/1.07	2.64
11-1557	17.25	438	1.61	41	30/60	.54/1.07	n/a
11-1567	18.00	457	1.71	43	45/65	.80/1.16	2.62
11-1569	16.63 / 18.00	422 / 457	1.71	43	45/65	.80/1.16	2.90
11-1576	15.75	400	1.26	32	57/78	1.02/1.39	1.40
11-1577	18.80	478	1.20	30	36/57	.64/1.02	n/a
11-1578	16.63 / 18.00	422 / 457	1.71	43	45/65	.80/1.16	5.00

## Specifications and Technical Information

### "Drop-In" Fork Spring Kits

Order No.	Free Length - In.	Free Length - mm	O.D.		Rates	Rates	Spacer -	Spacer -	Comp Spr #
	(Main)	(Main)	In.	mm.	lbs/in	kg/mm	IN.	mm.	
10-2000	11.50	292	1.20	30	70	1.25	7.00	178	00-1020-10S
10-2001	11.50	292	1.20	30	70	1.25	5.75	146	00-1020-10S
10-2002	18.00	457	1.71	43	70	1.25	4.00	102	00-1021-10S
10-2003	13.00	330	1.26	32	117	2.09	5.50	140	00-1022-10S
10-2004	13.00	330	1.26	32	117	2.09	0.56	14	00-1022-10S
10-2005	7.00	178	1.50	38	125	2.23	5.75	146	00-1024-10S
10-2006	13.00	330	1.26	32	117	2.09	2.15/6.16	55/156	00-1022-10S
10-2200	7.70	196	1.60	41	115	2.05	0.00	0	00-1023-10S
10-2201	7.00	178	1.50	38	125	2.23	3.35	85	00-1024-10S
10-2202	7.70	196	1.60	41	115	2.05	3.25	83	00-1023-10S
10-2203	7.00	178	1.50	38	125	2.23	14.40	366	00-1024-10S
10-2204	7.00	178	1.37	35	125	2.23	0.50	13	00-1025-10S
10-2205	7.00	178	1.37	35	125	2.23	0.00	0	00-1025-10S
10-2206	7.00	178	1.50	38	125	2.23	0.83	21	00-1024-10S
10-2207	14.50	368	1.26	32	100	1.79	2.00	51	00-1022-10S
10-2208	7.00	178	1.37	35	125	2.23	9.60	244	00-1025-10S
10-2210	7.00	178	1.50	38	125	2.23	9.60	244	00-1024-10S

### Solid Length -

Comp Spr #	Solid Length - In.	MM	O.D. - In.	O.D. - MM.	FL - In.	FL - mm
00-1020-10S	1.60	41	1.20	30	4.6	117
00-1021-10S	0.70	18	1.71	43	3.7	94
00-1022-10S	1.40	36	1.26	32	4.4	112
00-1023-10S	0.80	20	1.60	41	3.8	97
00-1024-10S	0.95	24	1.50	38	3.95	100
00-1025-10S	0.95	24	1.37	35	3.95	100

## Specifications and Technical Information

### 12 Series Shocks

Order No.	Free Length - Inches	Free Length - Millimeters.	Compressed Length* - In.	Compressed Length* - MM.	Travel* - Inches	Travel* - Millimeters	Mounts
12-1200B	12.00	305	9.10	231	2.90	74	E/E
12-1201B	12.50	318	9.10	231	3.40	86	E/E
12-1202B	13.00	330	9.20	234	3.80	97	E/E
12-1203B	13.50	343	9.45	240	4.05	103	E/E
12-1204B	13.00	330	9.35	237	3.65	93	E/C
12-1205B	14.00	356	10.15	258	3.85	98	E/C
12-1206B	14.25	362	10.45	265	3.80	97	E/E
12-1206BH	14.25	362	10.45	265	3.80	97	E/E
12-1207B	13.50	343	10.70	272	2.80	71	E/E
12-1209B	12.50	318	9.10	231	3.40	86	E/E
12-1210B	13.00	330	9.20	234	3.80	97	E/E
12-1214B	13.50	343	9.45	240	4.05	103	E/E
12-1215B	11.50	292	9.10	231	2.40	61	E/E
12-1215BH	11.50	292	9.10	231	2.40	61	E/E

\* Metal to metal

## Specifications and Technical Information

### Progressive Rate Springs For 12/412 Series Street Shocks

Order No.	Rate lbs/in	Rate kg/mm	Length-In	Length-mm	I.D.- Inch***	I.D.- mm***	Notes (Fits)
03-1300B	65/100	1.16/1.79	9.37	238	1.85	47	12.50", 13.00", 13.50" & 14.25"
03-1310B/C	90/130	1.61/2.32	7.12	181	1.85	47	11.00"
03-1312B/C	75/120	1.34/2.14	8.5	216	1.85	47	11.50", 12.00"
03-1313B/C	115/155	2.05/2.77	7.12	181	1.85	47	11.00"
03-1318B/C	140/200	2.50/3.57	9.75	248	1.85	47	12.50", 13.00", 13.50" & 14.25"
03-1364B/C	140/190	2.50/3.39	10.2	259	1.85	47	12.50", 13.00", 13.50" & 14.25"
03-1365B/C	120/170	2.14/3.04	9.87	251	1.85	47	12.50", 13.00", 13.50" & 14.25"
03-1367B/C	90/130	1.61/2.32	9.37	238	1.85	47	12.50", 13.00", 13.50" & 14.25"
03-1368B/C	105/150	1.88/2.68	9.37	238	1.85	47	12.50", 13.00", 13.50" & 14.25"
03-1370B/C	90/130	1.61/2.32	8.5	216	1.85	47	11.50", 12.00"
03-1375C	115/155	2.05/2.77	8.5	216	1.85	47	11.50", 12.00"
03-1394B/C	75/120	1.34/2.14	9.75	248	1.85	47	12.50", 13.00", 13.50" & 14.25"
Springs below are single springs							
03-1314-20B/30	270/315	4.82/5.63	8.37	213	1.85	47	12.62"
03-1315-20B/30	125/170	2.23/3.04	8.75	222	1.85	47	11.50" & 12.00"
03-1317-20B/30	270/315	4.82/5.63	7.75	197	1.85	47	12.00"
1362-20B/30	300/350	5.36/6.25	7.62	194	1.8	46	12.00"
1369-20B/30	300/350	5.36/6.25	6.62	168	1.8	46	11.00"

### Straight Rate Springs for 12/412 Series Shocks

03-1386B	65	1.16	9.00	229	1.85	47	
03-1387B	75	1.34	9.00	229	1.85	47	

\*\*\* Note: All springs have a reduced coil I.D. of 1.57" on one end to fit our retaining clip.

## Specifications and Technical Information

### 412 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length **	
	inch	mm	inch	mm	Inch	mm			lbs/in	kg/mm	inch	mm
412-4001B/C	12.50	318	8.99	228	3.51	89	E/E	03-1367B/C	90/130	1.61/2.32	11.25	286
412-4002B/C	13.01	330	9.12	232	3.89	99	E/E	03-1367B/C	90/130	1.61/2.32	11.75	298
412-4003B/C	13.51	343	9.37	238	4.14	105	E/E	03-1367B/C	90/130	1.61/2.32	12.25	311
412-4004B/C	14.26	362	10.37	263	3.89	99	E/E	03-1367B/C	90/130	1.61/2.32	13.00	330
412-4005B/C	11.01	280	8.99	228	2.02	51	E/E	03-1310B/C	90/130	1.61/2.32	10.25	260
412-4006B/C	11.50	292	8.99	228	2.51	64	E/E	03-1370B/C	90/130	1.61/2.32	10.75	273
412-4007B/C	12.50	318	8.99	228	3.51	89	E/E	03-1394B/C	75/120	1.34/2.14	11.25	286
412-4008B/C	13.01	330	9.12	232	3.89	99	E/E	03-1394B/C	75/120	1.34/2.14	11.75	298
412-4009B/C	13.51	343	9.37	238	4.14	105	E/E	03-1394B/C	75/120	1.34/2.14	12.25	311
412-4011B/C	11.50	292	8.99	228	2.51	64	E/E	03-1375C	115/155	2.05/2.77	10.75	273
412-4012C	14.25	362	11.99	305	2.26	57	E/E	03-1311-30	160/190	2.86/3.39	13.50	343
412-4013C	12.01	305	10.12	257	1.89	48	E/E	1362-30	300/350	5.36/6.25	11.50	292
412-4015B	14.01	356	10.37	263	3.64	92	E/E	1363-20B	270/345	4.82/6.16	12.75	324
412-4016B	13.26	337	10.37	263	2.89	73	E/E	1371-20B	245/340	4.38/6.07	12.25	311
412-4018C	13.50	343	11.49	292	2.01	51	E/E	03-1311-30	160/190	2.86/3.39	12.75	324
412-4019B/C	12.50	318	8.99	228	3.51	89	E/E	03-1368B/C	105/150	1.88/2.68	11.25	286
412-4020B/C	13.01	330	9.12	232	3.89	99	E/E	03-1368B/C	105/150	1.88/2.68	11.75	298
412-4021B/C	13.51	343	9.37	238	4.14	105	E/E	03-1368B/C	105/150	1.88/2.68	12.25	311
412-4022B/C	11.01	280	8.99	228	2.02	51	E/E	03-1313-20B/30	115/155	2.05/2.77	10.25	260
412-4024B/C	14.26	362	10.37	263	3.89	99	E/E	03-1394B/C	75/120	1.34/2.14	13.00	330
412-4026B	13.08	332	9.60	244	3.48	88	E/E	1396-20B	200/350	3.57/6.25	12.00	305
412-4029C	13.50	343	11.49	292	2.01	51	E/E	1371-20B	245/340	4.38/6.07	12.75	324
412-4030C	11.01	280	9.25	235	1.76	45	E/E	1369-30	300/350	5.36/6.25	10.50	267
412-4035C	12.01	305	10.12	257	1.89	48	E/E	1362-20B	300/350	5.36/6.25	11.50	292
412-4036B/C	12.01	305	10.12	257	1.89	48	E/E	1436-20B/30	210/250	3.75/4.46	11.50	292
412-4037B/C	11.01	280	9.62	244	1.39	35	E/E	1437-20B/30	230/275	4.11/4.91	10.50	267
412-4038B/C	12.63	321	10.12	257	2.51	64	E/E	1442-20B/30	210/250	3.75/4.46	11.75	298
412-4041C	11.01	280	9.62	244	1.39	35	E/E	1437-30	230/275	4.11/4.91	10.50	267
412-4042B/C	12.01	305	10.12	257	1.89	48	E/E	1436-20B/30	210/250	3.75/4.46	11.50	292
412-4043C	11.01	280	9.25	235	1.76	45	E/E	1369-30	300/350	5.36/6.25	10.50	267
412-4044B/C	12.01	305	10.12	257	1.89	48	E/E	1362-20B/30	300/350	5.36/6.25	11.50	292
412-4045B/C	11.01	280	9.62	244	1.39	35	E/E	1369-20B/30	300/350	5.36/6.25	10.50	267
412-4046B/C	12.01	305	10.12	257	1.89	48	E/E	1362-20B/30	300/350	5.36/6.25	11.50	292
412-4047C	11.01	280	9.62	244	1.39	35	E/E	1369-30	300/350	5.36/6.25	10.50	267
412-4048B/C	12.63	321	10.12	257	2.51	64	E/E	03-1314-20B/30	270/315	4.82/5.63	11.75	298
412-4049B/C	12.00	305	8.99	228	3.01	76	E/E	03-1370B/C	90/130	1.61/2.32	11.00	279
412-4050B/C	12.00	305	8.99	228	3.01	76	E/E	1375-20B/30	115/155	2.05/2.77	11.00	279
412-4051B/C	12.00	305	10.11	257	1.89	48	E/E	1442-20B/30	210/250	3.75/4.46	11.25	286
412-4052B/C	12.50	318	10.11	257	2.39	61	E/E	03-1365B/C	120/170	2.14/3.04	11.75	298
412-4053B/C	13.01	330	9.99	254	3.02	77	E/E	03-1365B/C	120/170	2.14/3.04	12.00	305
412-4054B/C	12.50	318	10.11	257	2.39	61	E/E	03-1318B/C	140/200	2.50/3.57	11.75	298
412-4055B/C	13.01	330	9.99	254	3.02	77	E/E	03-1318B/C	140/200	2.50/3.57	12.00	305
412-4056C	11.01	280	8.99	228	2.02	51	E/E	03-1310-30	90/130	1.61/2.32	10.25	260
412-4057C	11.01	280	8.99	228	2.02	51	E/E	03-1313B/C	115/155	2.05/2.77	10.25	260
412-4058B/C	14.26	362	10.37	263	3.89	99	E/E	03-1367B/C	90/130	1.61/2.32	13.00	330
412-4059B/C	14.26	362	10.37	263	3.89	99	E/E	03-1394B/C	75/120	1.34/2.14	13.00	330

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 412 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length **	
	inch	mm	inch	mm	Inch	mm			lbs/in	kg/mm	inch	mm
412-4060B/C	12.50	318	9.36	238	3.14	80	E/E	1367-20B/30	90/130	1.61/2.32	11.50	292
412-4061B/C	13.01	330	9.24	235	3.77	96	E/E	1367-20B/30	90/130	1.61/2.32	11.75	298
412-4062B/C	11.01	280	9.36	238	1.65	42	E/E	03-1310B/C	90/130	1.61/2.32	10.50	267
412-4063B/C	11.50	292	9.36	238	2.14	54	E/E	1370-20B/30	90/130	1.61/2.32	10.75	273
412-4064B/C	12.50	318	9.36	238	3.14	80	E/E	1394-20B/30	75/120	1.34/2.14	11.50	292
412-4065B/C	13.01	330	9.24	235	3.77	96	E/E	1394-20B/30	75/120	1.34/2.14	11.75	298
412-4066B/C	11.50	292	9.11	231	2.39	61	E/E	1375-20B/30	115/155	2.05/2.77	10.75	273
412-4067B/C	11.01	280	9.36	238	1.65	42	E/E	03-1313-20B/30	115/155	2.05/2.77	10.50	267
412-4068B/C	12.00	305	9.36	238	2.64	67	E/E	1370-20B/30	90/130	1.61/2.32	11.00	279
412-4069B/C	12.00	305	9.36	238	2.64	67	E/E	1375-20B/30	115/155	2.05/2.77	11.00	279
412-4070C	11.01	280	9.36	238	1.65	42	E/E	03-1310-30	90/130	1.61/2.32	10.50	267
412-4071B/C	12.50	318	9.65	245	2.85	72	E/E	1368-20B/30	105/150	1.88/2.68	11.50	292
412-4072B/C	13.01	330	9.53	242	3.48	88	E/E	1367-20B/30	90/130	1.61/2.32	11.75	298
412-4073B/C	13.51	343	9.53	242	3.98	101	E/E	1367-20B/30	90/130	1.61/2.32	12.25	311
412-4074B/C	11.50	292	9.65	245	1.85	47	E/E	1375-20B/30	115/155	2.05/2.77	11.00	279
412-4075B/C	11.50	292	9.65	245	1.85	47	E/E	03-1315-20B/30	125/170	2.23/3.04	11.00	279
412-4076B/C	12.50	318	9.65	245	2.85	72	E/E	1365-20B/30	120/170	2.14/3.04	11.50	292
412-4077B/C	13.01	330	9.53	242	3.48	88	E/E	1368-20B/30	105/150	1.88/2.68	11.75	298
412-4078B/C	13.51	343	9.53	242	3.98	101	E/E	1368-20B/30	105/150	1.88/2.68	12.25	311
412-4079B/C	12.00	305	9.65	245	2.35	60	E/E	1375-20B/30	115/155	2.05/2.77	11.25	286
412-4080B/C	12.00	305	9.65	245	2.35	60	E/E	03-1315-20B/30	125/170	2.23/3.04	11.25	286
412-4081B/C	12.00	305	10.12	257	1.88	48	E/E	03-1317-20B/30	270/315	4.82/5.63	11.25	286
412-4200C	11.50	292	8.99	228	2.51	64	E/E	03-1370C	90/130	1.61/2.32	10.75	273
412-4201C	11.50	292	8.99	228	2.51	64	E/E	03-1375C	115/155	2.05/2.77	10.75	273
412-4202C	11.50	292	8.99	228	2.51	64	E/E	1442-30	210/250	3.75/4.46	10.75	273
412-4204C	11.00	279	9.36	238	1.64	42	E/E	1437-30	230/275	4.11/4.91	10.50	267
412-4205C	12.50	318	8.99	228	3.51	89	E/E	03-1394C	75/120	1.34/2.14	11.25	286
412-4206C	12.50	318	8.99	228	3.51	89	E/E	03-1367C	90/130	1.61/2.32	11.25	286
412-4207C	12.50	318	8.99	228	3.51	89	E/E	03-1368C	105/150	1.88/2.68	11.25	286
412-4209C	12.50	318	9.86	250	2.64	67	E/E	03-1365C	120/170	2.14/3.04	11.50	292
412-4210C	13.01	330	9.12	232	3.89	99	E/E	03-1394C	75/120	1.34/2.14	11.75	298
412-4211C	13.01	330	9.12	232	3.89	99	E/E	03-1367C	90/130	1.61/2.32	11.75	298
412-4212C	13.01	330	9.12	232	3.89	99	E/E	03-1368C	105/150	1.88/2.68	11.75	298
412-4213C	13.01	330	9.49	241	3.52	89	E/E	03-1365C	120/170	2.14/3.04	11.75	298
412-4214C	12.50	318	8.99	228	3.51	89	E/E	03-1365C	120/170	2.14/3.04	11.25	286
412-4215C	13.51	343	9.86	250	3.65	93	E/E	03-1368C	105/150	1.88/2.68	12.25	311
412-4216C	13.51	343	9.37	238	4.14	105	E/E	03-1394C	75/120	1.34/2.14	12.25	311
412-4217C	13.51	343	9.37	238	4.14	105	E/E	03-1367C	90/130	1.61/2.32	12.25	311
412-4218C	13.01	330	9.12	232	3.89	99	E/E	03-1365C	120/170	2.14/3.04	11.75	298
412-4219C	12.50	318	9.36	238	3.14	80	E/E	03-1318C	140/200	2.50/3.57	11.50	292
412-4220C	14.26	362	10.37	263	3.89	99	E/E	03-1367C	90/130	1.61/2.32	13.00	330
412-4221C	13.01	330	9.49	241	3.52	89	E/E	03-1318C	140/200	2.50/3.57	11.75	298
412-4222C	13.01	330	9.12	232	3.89	99	E/E	03-1318C	140/200	2.50/3.57	11.75	298
412-4223C	13.51	343	9.37	238	4.14	105	E/E	03-1364B	140/190	2.50/3.39	12.25	311
412-4224C	12.99	330	9.35	237	3.64	92	E/C	03-1365B	120/170	2.14/3.04	11.75	298
412-4226C	14.26	362	10.37	263	3.89	99	E/E	03-1318C	140/200	2.50/3.57	13.00	330

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)



## Specifications and Technical Information

### 412 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length **	
	inch	mm	inch	mm	Inch	mm			lbs/in	kg/mm	inch	mm
412-4227C	12.00	305	8.99	228	3.01	76	E/E	03-1370C	90/130	1.61/2.32	11.00	279
412-4228C	12.00	305	8.99	228	3.01	76	E/E	03-1375C	115/155	2.05/2.75	11.00	279
412-4229C	12.00	305	9.36	238	2.64	67	E/E	1442-30	210/250	3.75/4.46	11.00	279
412-4230C	11.50	292	9.36	238	2.14	54	E/E	03-1314-30	270/315	4.82/5.63	10.75	273
412-4231C	11.00	279	9.36	238	1.64	42	E/E	1369-30	300/350	5.36/6.25	10.50	267
412-4232C	11.01	280	8.99	228	2.02	51	E/E	03-1310-30	90/130	1.61/2.32	10.25	260
412-4233C	11.01	280	8.99	228	2.02	51	E/E	03-1313-30	115/155	2.05/2.77	10.25	260
412-4234C	12.00	305	9.36	238	2.64	67	E/E	03-1314-30	270/315	4.82/5.63	11.00	279
412-4236C	11.50	292	8.99	228	2.51	64	E/E	03-1315C	125/170	2.23/3.04	10.75	273
412-4237C	12.00	305	8.99	228	3.01	76	E/E	03-1312C	75/120	1.34/2.14	11.00	279
412-4238C	12.00	305	8.99	228	3.01	76	E/E	03-1315C	125/170	2.23/3.04	11.00	279
412-4239C	12.00	305	10.11	257	1.89	48	E/E	1442-30	210/250	3.75/4.46	11.25	286
412-4240C	12.50	318	10.11	257	2.39	61	E/E	03-1365C	120/170	2.14/3.04	11.75	298
412-4241C	13.01	330	9.99	254	3.02	77	E/E	03-1365C	120/170	2.14/3.04	12.00	305
412-4242C	13.51	343	9.99	254	3.52	89	E/E	03-1365C	120/170	2.14/3.04	12.25	311
412-4243C	12.00	305	10.11	257	1.89	48	E/E	03-1314-30	270/315	4.82/5.63	11.25	286
412-4244C	12.50	318	10.11	257	2.39	61	E/E	03-1318C	140/200	2.50/3.57	11.75	298
412-4245C	13.01	330	9.99	254	3.02	77	E/E	03-1318C	140/200	2.50/3.57	12.00	305
412-4246C	13.51	343	9.99	254	3.52	89	E/E	03-1318C	140/200	2.50/3.57	12.25	311
412-4247C	11.00	279	9.36	238	1.64	42	E/E	1437-30	230/275	4.11/4.91	10.50	267
412-4248C	13.01	330	9.74	247	3.27	83	E/E	1365-30	120/170	2.14/3.04	12.00	305
412-4249C	13.01	330	9.74	247	3.27	83	E/E	1368-30	105/150	1.88/2.68	12.00	305
412-4250C	12.50	318	9.86	250	2.64	67	E/E	1368-30	105/150	1.88/2.68	11.50	292
412-4251C	12.00	305	9.86	250	2.14	54	E/E	03-1315-30	125/170	2.23/3.04	11.25	286
412-4252C	12.50	318	9.86	250	2.64	67	E/E	03-1318-30	140/200	2.50/3.57	11.50	292
412-4253C	12.50	318	9.86	250	2.64	67	E/E	1365-30	120/170	2.14/3.04	11.50	292
412-4254C	11.50	292	9.86	250	1.64	42	E/E	03-1315-30	125/170	2.23/3.04	11.00	279
412-4255C	13.51	343	9.86	250	3.65	93	E/E	1365-30	120/170	2.14/3.04	12.25	311
412-4256C	11.01	280	8.99	228	2.02	51	E/E	1437-30	230/275	4.11/4.91	10.25	260
412-4257C	11.50	292	8.99	228	2.51	64	E/E	1436-30	210/250	3.75/4.46	10.75	273
412-4260B/C	14.26	362	10.37	263	3.89	99	E/E	1394-20B	75/120	1.34/2.14	13.00	330
412-4402B/C	12.00	305	9.36	238	2.64	67	E/E	1370-20B/30	90/130	1.61/2.32	11.00	279
412-4403B/C	12.00	305	9.36	238	2.64	67	E/E	1375-20B/30	115/155	2.05/2.77	11.00	279
412-4404B/C	13.01	330	9.24	235	3.77	96	E/E	1367-20B/30	90/130	1.61/2.32	11.75	298
412-4405B/C	13.01	330	9.24	235	3.77	96	E/E	1368-20B/30	105/150	1.88/2.68	11.75	298
412-4406B/C	13.51	343	9.37	238	4.14	105	E/E	1367-20B/30	90/130	1.61/2.32	12.25	311
412-4407B/C	13.51	343	3.37	86	10.14	258	E/E	1368-20B/30	105/150	1.88/2.68	10.25	260

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 412CRZ "Cruise" Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length **	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm	inch	mm
412CRZ-4064B	12.57	319	9.53	242	3.04	77	E/E	1370-20B	90/130	1.61/2.32	11.00	279
412CRZ-4064C	12.57	319	9.53	242	3.04	77	E/E	1370-30	90/130	1.61/2.32	11.00	279

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### Progressive Rate Dual Springs For 13 Series Shocks

Order No.	Rate lbs/in	Rate kg/mm	Length-In	Length-mm	I.D.- Inch***	I.D.- mm***	Notes (Fits)
03-1321B	65/130	1.16/2.32	12.00	305			13-1240B, 13-1241B, 13-1243B
03-1322B	75/155	1.34/2.77	12.00	305			13-1240B, 13-1241B, 13-1243B
03-1323B	80/175	1.43/3.13	12.00	305			13-1240B, 13-1241B, 13-1243B
03-1325B	140/290	2.50/5.18	11.75	298			13-1240B, 13-1241B, 13-1243B

Note: Springs listed above will only fit 13-1240B (15"), 13-1241B (16.5") & 13-1243B (15.75") shocks.

03-1331B	70/130	1.25/2.32	13.00	330			only 13-1242B
03-1333B	85/170	1.52/3.04	13.00	330			only 13-1242B

\*\*\* Note: All 13 Series springs have a reduced coil I.D. of 1.57" on one end to fit our retaining clip.

### Progressive Rate Springs for 14 Series Shocks

02-1351C	70/100	1.25/1.79	9	229	1.57	40	
02-1352C	80/120	1.43/2.14	9	229	1.57	40	
02-1353C	95/130	1.70/2.32	9	229	1.57	40	
02-1354B	100/140	1.79/2.50	9	229	1.57	40	

\* Metal to Metal

## Specifications and Technical Information

### 13 Series Shocks

Order No.	Ext. Length In	Ext. Length mm	Comp. Length In	Comp. Length mm	Travel* Inch	Travel* MM	Mnts.	Spring No.	Rate lbs/in	Rate kg/mm
13-1240B	15.00	381	9.80	249	5.20	132				
13-1241B	16.50	419	10.60	269	5.90	150				
13-1242B	17.50	445	11.10	282	6.40	163				
13-1243B	15.75	400	10.70	272	5.05	128				

### 14 Series Shocks

14-1283B	13.00	330	9.25	235	3.75	95	E/E			
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### 413 Series Shocks

4134025B	15.75	400	10.70	272	5.05	128	E/E	03-1325B	140/290	2.50/5.18
413-4039B	15.00	381	9.80	249	5.20	132	E/E	03-1321B	60/130	1.07/2.32
413-4040B	15.75	400	10.70	272	5.05	128	E/E	03-1321B	60/130	1.07/2.32

\* Metal to metal

## Specifications and Technical Information

### 416 Series Airshocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Rate		Target Ride Length **	
	inch	mm	inch	mm	inch	mm		lbs/lb	kg/mm	inch	mm
416-1601A	12.66	322	9.31	236	3.35	85	E/E	80/120	1.43/2.14	11.50	292
416-1602A	12.92	328	9.57	243	3.35	85	E/E	80/120	1.43/2.14	11.75	298
416-1603A	13.42	341	10.07	256	3.35	85	E/E	80/120	1.43/2.14	12.25	311
416-1606A	13.90	353	10.47	266	3.43	87	E/E	80/120	1.43/2.14	12.75	324
416-1607A	12.66	322	9.31	236	3.35	85	E/E	80/120	1.43/2.14	11.50	292
416-1608A	12.92	328	9.57	243	3.35	85	E/E	80/120	1.43/2.14	11.75	298
416-1609A	13.42	341	10.07	256	3.35	85	E/E	80/120	1.43/2.14	12.25	311
416-1621A	12.66	322	9.31	236	3.35	85	E/E	100/140	1.79/2.50	11.50	292
416-1622A	12.92	328	9.57	243	3.35	85	E/E	125/180	2.23/3.21	11.75	298
416-1623A	13.42	341	10.07	256	3.35	85	E/E	100/140	1.79/2.50	12.25	311
416-1626A	13.90	353	10.47	266	3.43	87	E/E	125/180	2.23/3.21	12.75	324
416-1627A	12.92	328	9.57	243	3.35	85	E/E	125/180	2.23/3.21	11.75	298
416-1631A	12.92	328	9.57	243	3.35	85	E/E	105/160	1.88/2.86	11.75	298
416-1633GLA	13.42	341	10.07	256	3.35	85	E/E	125/180	2.23/3.21	12.25	311
416-1641A	14.20	361	10.77	274	3.43	87	E/E	125/180	2.23/3.21	13.00	330
416-1642A	12.66	322	9.56	243	3.10	79	E/E	80/120	1.43/2.14	11.75	298
416-1643A	13.00	330	9.75	248	3.25	83	E/E	125/180	2.23/3.21	12.00	305
416-1644A	12.92	328	9.57	243	3.35	85	E/E	80/120	1.43/2.14	11.75	298
416-1645A	13.00	330	9.75	248	3.25	83	E/E	125/180	2.23/3.21	12.00	305

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### Progressive Rate Springs For 18/418 Series

<b>Order No.</b>	<b>Rate lbs/in</b>	<b>Rate kg/mm</b>	<b>Length-In</b>	<b>Length-mm</b>	<b>I.D.- Inch</b>	<b>I.D.- mm</b>	<b>Notes (Fits)</b>
04-1450B	75/120	1.33/2.14	9.25	235	1.94	49	12.50", 13.50"
04-1453B/C	90/130	1.61/2.32	8.13	207	1.94	49	11.50", 12.00"
04-1456C	210/250	3.75/4.46	9.00	229	1.94	49	12.50", 13.50"
04-1461B	75/90	1.33/1.61	8.50	216	1.94	49	12.50", 13.00", 13.50"

## Specifications and Technical Information

### 422 Series Shocks

Order No.	Comp.* Length In	Comp.* Length mm	Ext.* Length In	Ext.* Length mm	Travel* Inch	Travel* MM	Mnts.	Spring No.	Rate lbs/in	Rate kg/mm
422-4001C	11.00	279	12.23	311	1.23	31	E/E	1399-20BE	1117	19.95
422-4002C	9.42	239	10.65	271	1.23	31	E/P	1399-20BE	1117	19.95
422-4035C	11.00	279	12.23	311	1.23	31	E/E	1376-20BE	950	16.96
422-4037C	9.42	239	10.65	271	1.23	31	E/P	1376-20BE	950	16.96
422-4101C	11.00	279	12.23	311	1.23	31	E/E	1399-20BE	1117	19.95
422-4102C	9.42	239	10.65	271	1.23	31	E/P	1399-20BE	1117	19.95
422-4103C	11.00	279	12.23	311	1.23	31	E/E	1376-20BE	950	16.96
422-4104C	9.42	239	10.65	271	1.23	31	E/P	1376-20BE	950	16.96

\* Measurement taken at center of mounting points, with adjustable shock at "standard" length.

## Specifications and Technical Information

### 425 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm
425-1000	15.75	400	11.41	290	4.34	110	E/E	06-1004-20R	110/160	1.96/2.86
425-1001	15.75	400	11.41	290	4.34	110	E/E	06-1000-20R	100/150	1.77/2.68
425-1003	15.50	394	11.65	296	3.85	98	E/E	06-1002-20R	285/485	4.02/8.04
425-1005	18.50	470	12.50	318	6.00	152	E/E	06-1005-20R	200/225	3.54/4.02
425-1006	18.50	470	12.50	318	6.00	152	E/E	06-1006-20R	225/250	4.02/4.46
425-1010	16.25	413	11.15	283	5.10	130	E/E	06-1004-20R	110/160	1.96/2.86

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)



## Specifications and Technical Information

### 428 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length**	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm	inch	mm
428-1000	11.42	290	9.67	246	1.75	45	E/E	1181-20B	850/1200	15.18/21/43	10.75	273
428-1001	11.10	282	9.63	245	1.48	38	E/E	1181-20B	850/1200	15.18/21/43	10.50	267

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 429 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm
429-1000	15.75	400	11.41	290	4.34	110	E/E	01-1013-20GG	115/160	2.05/2.86
429-1003	15.50	394	11.65	296	3.85	98	E/E	01-1012-20GG	240/430	4.29/7.68
429-1006	18.50	470	12.60	320	5.90	150	E/E	01-1015-20GG	230/260	4.11/4.64
429-1010	16.25	413	11.41	290	4.84	123	E/E	01-1013-20GG	115/160	2.05/2.86

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 430 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length**	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm	mm	inch
430-4001B/C	12.50	318	9.12	232	3.38	86	E/E	1370-20B/30	90/130	1.61/2.32	11.25	286
430-4002B/C	13.00	330	9.38	238	3.62	92	E/E	1367-20B/30	90/130	1.61/2.32	11.75	298
430-4005B/C	11.00	279	9.12	232	1.88	48	E/E	03-1310-20B/30	90/130	1.61/2.32	10.25	260
430-4006B/C	11.50	292	8.98	228	2.52	64	E/E	03-1310-20B/30	90/130	1.61/2.32	10.75	273
430-4007B/C	12.50	318	9.12	232	3.38	86	E/E	03-1312-20B/30	75/120	1.34/2.14	11.25	286
430-4008B/C	13.00	330	9.38	238	3.62	92	E/E	1394-20B/30	75/120	1.34/2.14	11.75	298
430-4011B/C	11.50	292	8.98	228	2.52	64	E/E	03-1313-20B/30	115/155	2.05/2.77	10.75	273
430-4013B/C	12.00	305	10.10	257	1.90	48	E/E	1362-20B/30	300/350	5.36/6.25	11.25	286
430-4019B/C	12.50	318	9.12	232	3.38	86	E/E	1375-20B/30	115/155	2.05/2.77	11.25	286
430-4020B/C	13.00	330	9.38	238	3.62	92	E/E	1368-20B/30	105/150	1.88/2.68	11.75	298
430-4022B/C	11.00	279	9.12	232	1.88	48	E/E	1368-20B/30	105/150	1.88/2.68	10.25	260
430-4030B/C	11.00	279	9.23	234	1.77	45	E/E	1369-20B/30	300/350	5.36/6.25	10.50	267
430-4036B/C	12.00	305	10.10	257	1.90	48	E/E	1436-20B/30	210/250	3.75/4.46	11.25	286
430-4037B/C	11.00	279	9.73	247	1.27	32	E/E	1437-20B/30	230/275	4.11/4.91	10.50	267
430-4038B/C	12.50	318	10.10	232	3.38	86	E/E	1442-20B/30	210/250	3.75/4.46	11.75	298
430-4044B/C	12.00	305	10.10	257	1.90	48	E/E	1362-20B/30	300/350	5.36/6.25	11.25	286
430-4045B/C	11.00	279	9.73	247	1.27	32	E/E	1369-20B/30	300/350	5.36/6.25	10.50	267
430-4048B/C	12.50	318	10.10	257	2.40	61	E/E	03-1314-20B/30	270/315	4.82/5.63	11.75	298
430-4049B/C	12.00	305	8.99	228	3.01	76	E/E	1370-20B/30	90/130	1.61/2.32	11.00	279
430-4050B/C	12.00	305	8.99	228	3.01	76	E/E	1375-20B/30	115/155	2.05/2.77	11.00	279
430-4051B/C	12.00	305	10.24	260	1.76	45	E/E	03-1315-20B/30	125/170	2.23/3.04	11.50	292
430-4052B/C	12.50	318	10.37	263	2.13	54	E/E	03-1315-20B/30	125/170	2.23/3.04	11.75	298
430-4060B/C	12.50	318	9.62	244	2.88	73	E/E	1370-20B/30	90/130	1.61/2.32	11.50	292
430-4061B/C	13.00	330	9.38	238	3.62	92	E/E	1367-20B/30	90/130	1.61/2.32	11.75	298
430-4062B/C	11.00	279	9.37	238	1.63	41	E/E	30-1310-20B/30	90/130	1.61/2.32	10.50	267
430-4063B/C	11.50	292	9.48	241	2.02	51	E/E	30-1310-20B/30	90/130	1.61/2.32	10.75	273
430-4064B/C	12.50	318	9.37	238	3.13	80	E/E	30-1312-20B/30	75/120	1.34/2.14	11.50	292
430-4065B/C	13.00	330	9.38	238	3.62	92	E/E	1394-20B/30	75/120	1.34/2.14	11.75	298
430-4066B/C	11.50	292	9.48	241	2.02	51	E/E	03-1313-20B/30	115/155	2.05/2.77	10.75	273
430-4067B/C	11.00	279	9.62	244	1.38	35	E/E	03-1313-20B/30	115/155	2.05/2.77	10.50	267
430-4068B/C	12.00	305	9.49	241	2.51	64	E/E	1370-20B/30	90/130	1.61/2.32	11.25	286
430-4069B/C	12.00	305	9.49	241	2.51	64	E/E	1375-20B/30	115/155	2.05/2.77	11.25	286
430-4070B/C	11.50	292	9.73	247	1.77	45	E/E	03-1319-20B/30	140/180	2.50/3.21	11.00	279
430-4071B/C	11.50	292	9.73	247	1.77	45	E/E	03-1320-20B/30	165/205	2.95/3.66	11.00	279
430-4072B/C	12.00	305	9.74	247	2.26	57	E/E	1375-20B/30	115/155	2.05/2.77	11.25	286
430-4076B/C	12.50	318	9.62	244	2.88	73	E/E	03-1315-20B/30	125/170	2.23/3.04	11.50	292
430-4077B/C	13.00	330	9.63	245	3.37	86	E/E	1368-20B/30	105/150	1.88/2.68	12.00	305
430-4079B/C	12.00	305	9.74	247	2.26	57	E/E	1370-20B/30	90/130	1.61/2.32	11.25	286
430-4081B/C	12.50	318	9.62	244	2.88	73	E/E	1375-20B/30	115/155	2.05/2.77	11.50	292
430-4082B/C	13.00	330	9.63	245	3.37	86	E/E	1367-20B/30	90/130	1.61/2.32	12.00	305
430-4083B/C	12.00	305	10.49	266	1.51	38	E/E	1375-20B/30	115/155	2.05/2.77	11.50	292
430-4084B/C	12.50	318	10.62	270	1.88	48	E/E	03-1315-20B/30	125/170	2.23/3.04	11.75	298
430-4085B/C	12.00	305	10.16	258	1.84	47	E/E	03-1317-20B/30	270/315	4.82/5.63	11.50	292
430-4200B/C	11.50	292	8.98	228	2.52	64	E/E	03-1310-20B/30	90/130	1.61/2.32	10.75	273
430-4201B/C	11.50	292	8.98	228	2.52	64	E/E	03-1313-20B/30	115/155	2.05/2.77	10.75	273
430-4202B/C	11.50	292	9.48	241	2.02	51	E/E	1436-20B/30	210/250	3.75/4.46	10.75	273

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 430 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length**	
	inch	mm	inch	mm	inch	mm			lbs/lb	kg/mm	mm	inch
430-4206B/C	12.50	318	9.12	232	3.38	86	E/E	1370-20B/30	90/130	1.61/2.32	11.25	286
430-4207B/C	12.50	318	9.12	232	3.38	86	E/E	1375-20B/30	115/155	2.05/2.77	11.25	286
430-4209B/C	12.50	318	9.62	244	2.88	73	E/E	03-1315-20B/30	125/170	2.23/3.04	11.50	292
430-4210B/C	13.00	330	9.38	238	3.62	92	E/E	1394-20B/30	75/120	1.34/2.14	11.75	298
430-4211B/C	13.00	330	9.38	238	3.62	92	E/E	1367-20B/30	90/130	1.61/2.32	11.75	298
430-4212B/C	13.00	330	9.38	238	3.62	92	E/E	1368-20B/30	105/150	1.88/2.68	11.75	298
430-4213B/C	13.00	330	9.63	245	3.37	86	E/E	1365-20B/30	120/170	2.14/3.04	12.00	305
430-4214B/C	12.50	318	9.12	232	3.38	86	E/E	03-1315-20B/30	125/170	2.23/3.04	11.25	286
430-4218B/C	13.00	330	9.38	238	3.62	92	E/E	1365-20B/30	120/170	2.14/3.04	11.75	298
430-4219B/C	12.50	318	9.62	244	2.88	73	E/E	1442-20B/30	210/250	3.75/4.46	11.50	292
430-4221B/C	13.00	330	9.63	245	3.37	86	E/E	03-1318-20B/30	140/200	2.50/3.57	12.00	305
430-4227B/C	12.00	305	8.99	228	3.01	76	E/E	1370-20B/30	90/130	1.61/2.32	11.00	279
430-4228B/C	12.00	305	8.99	228	3.01	76	E/E	1375-20B/30	115/155	2.05/2.77	11.00	279
430-4229B/C	12.00	305	9.49	241	2.51	64	E/E	1436-20B/30	210/250	3.75/4.46	11.25	286
430-4230B/C	11.50	292	9.48	241	2.02	51	E/E	03-1317-20B/30	270/315	4.82/5.63	10.75	273
430-4232B/C	11.00	279	9.12	232	1.88	48	E/E	03-1310-20B/30	90/130	1.61/2.32	10.25	260
430-4233B/C	11.00	279	9.12	232	1.88	48	E/E	03-1313-20B/30	115/155	2.05/2.77	10.25	260
430-4234B/C	12.00	305	9.49	241	2.51	64	E/E	03-1317-20B/30	270/315	4.82/5.63	11.25	286
430-4238B/C	12.00	305	8.99	228	3.01	76	E/E	03-1315-20B/30	125/170	2.23/3.04	11.00	279
430-4239B/C	12.00	305	10.24	260	1.76	45	E/E	1436-20B/30	210/250	3.75/4.46	11.50	292
430-4240B/C	12.50	318	10.37	263	2.13	54	E/E	03-1315-20B/30	125/170	2.23/3.04	11.75	298
430-4241B/C	13.00	330	10.13	257	2.87	73	E/E	1365-20B/30	120/170	2.14/3.04	12.00	305
430-4243B/C	12.00	305	10.24	260	1.76	45	E/E	03-1317-20B/30	270/315	4.82/5.63	11.50	292
430-4245B/C	13.00	330	10.13	257	2.87	73	E/E	03-1318-20B/30	140/200	2.50/3.57	12.00	305
430-4256B/C	11.00	279	9.12	232	1.88	48	E/E	1437-20B/30	230/275	4.11/4.91	10.25	260
430-4258B	13.00	330	11.09	282	1.91	48	E/E	1396-20B	200/350	3.57/6.25	12.25	311
430-4402B/C	12.00	305	9.49	241	2.51	64	E/E	1370-20B/30	90/130	1.61/2.32	11.25	286
430-4403B/C	12.00	305	9.49	241	2.51	64	E/E	1375-20B/30	115/155	2.05/2.77	11.25	286
430-4404B/C	13.00	330	9.38	238	3.62	92	E/E	1367-20B/30	90/130	1.61/2.32	11.75	298
430-4405B/C	13.00	330	9.38	238	3.62	92	E/E	1368-20B/30	105/150	1.88/2.68	11.75	298

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 435 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		mnts.	Spring No.	Rate	
	incn	mm	incn	mm	incn	mm			lbs/in	kg/mm
435-1000	17.76	451	14.45	367	3.31	84	E/E	04-1465-20B	300/400	5.36/7.14
435-1001	12.60	320	10.10	257	2.50	64	E/C	04-1466-20B	425/570	7.59/10.18
435-1002	13.11	333	9.25	235	3.86	98	E/P	04-1465-20B	300/400	5.36/7.14
435-1003	12.60	320	9.25	235	3.35	85	E/P	04-1465-20B	300/400	5.36/7.14
435-1004	13.46	342	9.25	235	4.21	107	E/P	04-1468-20B	330/370	5.89/6.61
435-1005	12.99	330	10.16	258	2.83	72	E/P	04-1468-20B	330/370	5.89/6.61

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 444 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length**	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm	inch	mm
444-4001B/C	12.50	318	9.53	242	2.97	75	E/E	1370-20B/30	90/130	1.61/2.32	11.50	292
444-4002B/C	13.00	330	9.81	249	3.19	81	E/E	1367-20B/30	90/130	1.61/2.32	12.00	305
444-4003B/C	13.50	343	10.10	256	3.40	86	E/E	1367-20B/30	90/130	1.61/2.32	12.25	311
444-4005B/C	11.00	279	8.73	222	2.27	58	E/E	03-1310-20B/30	90/130	1.61/2.32	10.25	260
444-4006B/C	11.50	292	8.98	228	2.52	64	E/E	03-1310-20B/30	90/130	1.61/2.32	10.75	273
444-4007B/C	12.50	318	9.53	242	2.97	75	E/E	03-1312-20B/30	75/120	1.34/2.14	11.50	292
444-4008B/C	13.00	330	9.81	249	3.19	81	E/E	1394-20B/30	75/120	1.34/2.14	12.00	305
444-4009B/C	13.50	343	10.10	256	3.40	86	E/E	1394-20B/30	75/120	1.34/2.14	12.25	311
444-4011B/C	11.50	292	8.98	228	2.52	64	E/E	03-1313-20B/C	115/155	2.05/2.77	10.75	273
444-4019B/C	12.50	318	9.53	242	2.97	75	E/E	1375-20B/30	115/155	2.05/2.77	11.50	292
444-4020B/C	13.00	330	9.81	249	3.19	81	E/E	1368-20B/30	105/150	1.88/2.68	12.00	305
444-4021B/C	13.50	343	10.10	256	3.40	86	E/E	1368-20B/30	105/150	1.88/2.68	12.25	311
444-4022B/C	11.00	279	8.98	228	2.02	51	E/E	03-1313-20B/C	115/155	2.05/2.77	10.25	260
444-4036B/C	12.00	305	10.10	256	1.90	48	E/E	1436-20B/30	210/250	3.75/4.46	11.25	286
444-4038B/C	12.50	318	10.10	256	2.40	61	E/E	1442-20B/30	210/250	3.75/4.46	11.75	298
444-4039B/C	13.00	330	10.10	256	2.90	74	E/E	1442-20B/30	210/250	3.75/4.46	12.00	305
444-4044B/C	12.00	305	10.10	256	1.90	48	E/E	1362-20B/30	300/350	5.36/6.25	11.25	286
444-4048B/C	12.50	318	10.10	256	2.40	61	E/E	03-1314-20B/30	270/315	4.82/5.63	11.75	298
444-4049B/C	12.00	305	9.26	235	2.74	70	E/E	1370-20B/30	90/130	1.61/2.32	11.00	279
444-4050B/C	12.00	305	9.26	235	2.74	70	E/E	1375-20B/30	115/155	2.05/2.77	11.00	279
444-4051B/C	13.00	330	10.10	256	2.90	74	E/E	03-1314-20B/30	270/315	4.82/5.63	12.00	305
444-4052B/C	11.50	292	10.10	256	1.40	36	E/E	1437-20B/30	230/275	4.11/4.91	11.00	279
444-4053B/C	11.50	292	10.10	256	1.40	36	E/E	1369-20B/30	300/350	5.36/6.25	11.00	279
444-4054B/C	12.00	305	9.76	248	2.24	57	E/E	1375-20B/30	115/155	2.05/2.77	11.25	286
444-4055B/C	12.50	318	10.28	261	2.22	56	E/E	03-1315-20B/30	125/170	2.23/3.04	11.75	298
444-4056B/C	13.00	330	10.31	262	2.69	68	E/E	1365-20B/30	120/170	2.14/3.04	12.00	305
444-4057B/C	13.00	330	10.31	262	2.69	68	E/E	03-1318-20B/30	140/200	2.50/3.57	12.00	305
444-4058B/C	12.00	305	9.76	248	2.24	57	E/E	1375-20B/30	115/155	2.05/2.77	11.25	286
444-4059B/C	11.50	292	9.73	247	1.77	45	E/E	03-1319-20B/30	140/180	2.50/3.21	11.00	279
444-4060B/C	11.50	292	9.73	247	1.77	45	E/E	03-1320-20B/30	165/205	2.95/3.66	11.00	279
444-4061B/C	12.00	305	9.76	248	2.24	57	E/E	1370-20B/30	95/130	1.70/2.50	11.25	286
444-4062B/C	11.00	279	9.48	241	1.52	39	E/E	03-1310-20B/30	90/130	1.61/2.32	10.50	267
444-4063B/C	11.50	292	9.48	241	2.02	51	E/E	03-1310-20B/30	90/130	1.61/2.32	10.75	273
444-4066B/C	11.50	292	9.48	241	2.02	51	E/E	03-1313-20B/30	115/155	2.05/2.77	10.75	273
444-4067B/C	11.00	279	9.48	241	1.52	39	E/E	03-1313-20B/30	115/155	2.05/2.77	10.50	267
444-4068B/C	12.00	305	10.51	254	1.49	51	E/E	1375-20B/30	115/155	2.05/2.77	11.50	292
444-4069B/C	12.50	318	10.53	267	1.97	50	E/E	03-1315-20B/30	125/170	2.23/3.04	11.75	298
444-4070B/C	13.00	330	10.56	268	2.44	62	E/E	1365-20B/30	120/170	2.14/3.04	12.25	311
444-4071B/C	13.00	330	10.56	268	2.44	62	E/E	03-1318-20B/30	140/200	2.50/3.57	12.25	311
444-4072B/C	12.00	305	10.10	256	1.90	48	E/E	03-1317-20B/30	270/315	4.82/5.63	11.25	286
444-4073B	13.50	343	10.10	256	3.40	86	E/E	03-1356-20B	145/200	2.59/3.57	12.25	311
444-4074B	13.50	343	10.10	256	3.40	86	E/E	03-1357-20B	120/160	2.14/2.86	12.25	311
444-4200B/C	11.50	292	8.98	228	2.52	64	E/E	03-1310-20B/30	90/130	1.61/2.32	10.75	273
444-4201B/C	11.50	292	8.98	228	2.52	64	E/E	03-1313-20B/30	115/155	2.05/2.77	10.75	273
444-4202B/C	11.50	292	9.48	241	2.02	51	E/E	1436-20B/30	210/250	3.75/4.46	10.75	273
444-4205B/C	12.50	318	9.53	242	2.97	75	E/E	03-1312-20B/30	75/120	1.34/2.14	11.50	292

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 444 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length**	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm	inch	mm
444-4206B/C	12.50	318	9.53	242	2.97	75	E/E	1370-20B/30	90/130	1.61/2.32	11.50	292
444-4207B/C	12.50	318	9.53	242	2.97	75	E/E	1375-20B/30	115/155	2.05/2.77	11.50	292
444-4209B/C	12.50	318	9.53	242	2.97	75	E/E	03-1315-20B/30	125/170	2.14/3.04	11.50	292
444-4210B/C	13.00	330	9.81	249	3.19	81	E/E	1394-20B/30	75/120	1.34/2.14	12.00	305
444-4211B/C	13.00	330	9.81	249	3.19	81	E/E	1367-20B/30	90/140	1.61/2.50	12.00	305
444-4212B/C	13.00	330	9.81	249	3.19	81	E/E	1368-20B/30	105/150	1.88/2.68	12.00	305
444-4213B/C	13.00	330	9.81	249	3.19	81	E/E	1365-20B/30	120/170	2.14/3.04	12.00	305
444-4214B/C	12.50	318	9.53	242	2.97	75	E/E	03-1315-20B/30	125/170	2.14/3.04	11.50	292
444-4215B/C	13.50	343	10.10	256	3.40	86	E/E	1368-20B/30	105/150	1.88/2.68	12.25	311
444-4216B/C	13.50	343	10.10	256	3.40	86	E/E	1394-20B/30	75/120	1.34/2.14	12.25	311
444-4217B/C	13.50	343	10.10	256	3.40	86	E/E	1367-20B/30	95/130	1.70/2.32	12.25	311
444-4218B/C	13.00	330	9.81	249	3.19	81	E/E	1365-20B/30	120/170	2.14/3.04	12.00	305
444-4221B/C	13.00	330	9.81	249	3.19	81	E/E	03-1318-20B/30	140/200	2.50/3.57	12.00	305
444-4227B/C	12.00	305	9.26	235	2.74	70	E/E	1370-20B/30	95/130	1.70/2.50	11.00	279
444-4228B/C	12.00	305	9.26	235	2.74	70	E/E	1375-20B/30	115/155	2.05/2.77	11.00	279
444-4229B/C	12.00	305	9.51	242	2.49	63	E/E	1436-20B/30	210/250	3.75/4.46	11.25	286
444-4230B/C	11.50	292	9.48	241	2.02	51	E/E	03-1317-20B/30	270/315	4.82/5.63	10.75	273
444-4232B/C	12.00	305	9.51	242	2.49	63	E/E	03-1317-20B/30	270/315	4.82/5.63	11.25	286
444-4233B/C	12.50	318	9.53	242	2.97	75	E/E	1442-20B/30	210/250	3.75/4.46	11.50	292
444-4234B/C	11.00	279	8.98	228	2.02	51	E/E	03-1310-20B/30	90/130	1.61/2.32	10.25	260
444-4235B/C	11.00	279	8.98	228	2.02	51	E/E	03-1313-20B/30	115/155	2.05/2.77	10.25	260
444-4236B/C	12.00	305	10.01	254	1.99	51	E/E	1436-20B/30	210/250	3.75/4.46	11.25	286
444-4237B/C	12.50	318	10.03	255	2.47	63	E/E	03-1315-20B/30	125/170	2.23/3.04	11.75	298
444-4238B/C	13.00	330	10.06	256	2.94	75	E/E	1365-20B/30	120/170	2.14/3.04	12.00	305
444-4239B/C	13.50	343	10.10	256	3.40	86	E/E	1365-20B/30	120/170	2.14/3.04	12.25	311
444-4240B/C	12.00	305	10.01	254	1.99	51	E/E	03-1317-20B/30	270/315	4.82/5.63	11.25	286
444-4241B/C	12.50	318	10.03	255	2.47	63	E/E	1442-20B/30	210/250	3.75/4.46	11.75	298
444-4242B/C	13.00	330	10.06	256	2.94	75	E/E	03-1318-20B/30	140/200	2.50/3.57	12.00	305
444-4243B/C	13.50	343	10.10	256	3.40	86	E/E	03-1318-20B/30	140/200	2.50/3.57	12.25	311
444-4244B/C	13.50	343	10.10	256	3.40	86	E/E	1365-20B/30	120/170	2.14/3.04	12.25	311
444-4245B/C	11.00	279	9.88	251	1.12	29	E/E	03-1452-20B/30	275/455	4.91/8.13	10.75	273
444-4246B/C	11.00	279	9.88	251	1.12	29	E/E	03-1453-20B/30	285/555	5.09/9.91	10.75	273
444-4247B/C	11.50	292	9.85	250	1.65	42	E/E	03-1450-20B/30	225/375	4.02/6.70	11.00	279
444-4248B/C	11.50	292	9.85	250	1.65	42	E/E	03-1451-20B/30	225/400	4.02/7.14	11.00	279
444-4249B/C	12.00	305	10.10	256	1.90	48	E/E	1436-20B/30	210/250	3.75/4.46	11.25	286
444-4250B/C	12.00	305	10.10	256	1.90	48	E/E	03-1317-20B/30	270/315	4.82/5.63	11.25	286

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 465 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm
465-1001	15.89	404	12.42	316	3.47	88	E/C	1159-20B	500/560	8.93/10.00
465-1002	15.43	392	12.56	319	2.87	73	E/C	1160-20B	600/700	10.71/12.50
465-1101	14.00	356	10.45	265	3.55	90	E/E	1155-20B	250/310	4.46/5.54
465-1115	11.25	286	9.25	235	2.00	51	E/E	1198-20B	700.00	12.50
465-1118	16.30	414	13.85	352	2.45	62	E/E	1191-20B	500.00	8.93
465-1128	13.41	341	10.46	266	2.95	75	E/E	1156-20B	375/465	6.70/8.30
465-1130	15.92	404	12.20	310	3.72	95	E/C	1159-20B	500/560	8.93/10.00
465-1131	19.50	495	16.55	420	2.95	75	E/E	1157-20B	560.00	10.00
465-1137	11.80	300	9.58	243	2.22	56	E/C	1158-20B	400/500	7.14/8.04
465-1139	12.02	305	9.88	251	2.14	54	E/C	01-1002-20B	900.00	16.07
465-1140	11.55	293	9.88	251	1.67	42	E/C	01-1002-20B	900.00	16.07
465-1142	14.20	361	11.25	286	2.95	75	E/E	1155-20B	250/310	4.46/5.54
465-1144	15.52	394	12.20	310	3.32	84	E/C	1159-20B	500/560	8.93/10.00
465-1148	12.19	310	10.37	263	1.82	46	E/C	1158-20B	400/450	7.14/8.04
465-1151	11.76	299	9.76	248	2.00	51	E/C	1198-20B	700.00	12.50
465-1152	11.06	281	9.77	248	1.29	33	E/C	1198-20B	700.00	12.50
465-1155	13.20	335	10.56	268	2.64	67	E/C	1154-20B	800/900	14.29/16.07
465-1158	11.70	297	9.95	253	1.75	44	E/C	1181-20B	850/1200	15.18/21.43
465-1159	12.17	309	9.95	253	2.22	56	E/C	1181-20B	850/1200	15.18/21.43
465-1160	11.70	297	10.01	254	1.69	43	E/C	01-1002-20B	900.00	16.07
465-1161	12.17	309	10.01	254	2.16	55	E/C	1154-20B	800/900	14.29/16.07
465-1162	13.42	341	10.62	270	2.80	71	E/C	1159-20B	500/560	8.93/10.00
465-1163	14.50	368	12.60	320	1.90	48	E/C	1154-20B	800/900	14.29/16.07
465-1164	12.99	330	10.62	270	2.37	60	E/C	1160-20B	600/700	10.71/12.50
465-1165	12.94	329	10.80	274	2.14	54	E/E	1181-20B	850/1200	15.18/21.43
465-1166	12.62	321	10.80	274	1.82	46	E/E	1181-20B	850/1200	15.18/21.43
465-1167	13.97	355	12.60	320	1.37	35	E/C	1154-20B	800/900	14.29/16.07
465-1168	12.29	312	10.62	270	1.67	42	E/C	1181-20B	850/1200	15.18/21.43
465-1169	11.91	303	10.62	270	1.29	33	E/C	1181-20B	850/1200	15.18/21.43
465-1170	12.75	324	10.38	264	2.37	60	E/C	1165-20B	500/600	8.93/10.71
465-1171	12.05	306	10.38	264	1.67	42	E/C	1165-20B	500/600	8.93/10.71
465-1172	12.30	312	10.38	264	1.92	49	E/C	1181-20B	850/1200	15.18/21.43
465-1173	12.30	312	10.38	264	1.92	49	E/C	1198-20B	700.00	12.50
465-1174	12.63	321	10.71	272	1.92	49	E/C	1181-20B	850/1200	15.18/21.43
465-1175	12.38	315	10.71	272	1.67	42	E/C	01-1006-20B	1175.00	20.98
465-1176	11.87	302	9.95	253	1.92	49	E/C	1181-20B	850/1200	15.18/21.43
465-1177	11.49	292	9.95	253	1.53	39	E/C	1181-20B	850/1200	15.18/21.43
465-1178	12.53	318	10.71	272	1.82	46	E/C	1181-20B	850/1200	15.18/21.43
465-1179	12.16	309	10.71	272	1.45	37	E/C	01-1006-20B	1175.00	20.98
465-1181	11.80	300	9.88	251	1.92	49	E/C	1198-20B	700.00	12.50
465-1182	11.79	299	9.87	251	1.92	49	E/E	01-1002-20B	900.00	16.07
465-1183	11.40	290	9.87	251	1.53	39	E/E	01-1002-20B	900.00	16.07
465-5001	15.89	404	12.42	316	3.47	88	E/C	01-1003-20B	510/625	9.11/11.16
465-5002	15.43	392	12.56	319	2.87	73	E/C	01-1005-20B	600/840	10.72/15.00
465-5003	15.92	404	12.20	310	3.72	95	E/C	01-1003-20B	510/625	9.11/11.16
465-5004	12.02	305	9.88	251	2.14	54	E/C	01-1002-20B	900.00	16.07

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)



## Specifications and Technical Information

### 465 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm
465-5005	11.55	293	9.88	251	1.67	42	E/C	01-1002-20B	900.00	16.07
465-5006	15.52	394	12.20	310	3.32	84	E/C	01-1003-20B	510/625	9.11/11.16
465-5007	13.42	341	10.62	270	2.80	71	E/C	01-1004-20B	510/625	9.11/11.16
465-5008	12.99	330	10.62	270	2.37	60	E/C	01-1005-20B	600/840	10.72/15.00
465-5009	12.94	329	10.80	274	2.14	54	E/C	1181-20B	850/1200	15.18/21.43
465-5010	12.62	321	10.80	274	1.82	46	E/C	1181-20B	850/1200	15.18/21.43
465-5011	12.29	312	10.62	270	1.67	42	E/E	01-1006-20B	1175.00	20.98
465-5012	11.91	303	10.62	270	1.29	33	E/E	01-1006-20B	1175.00	20.98
465-5013	12.63	321	10.71	272	1.92	49	E/C	1181-20B	850/1200	15.18/21.43
465-5014	12.38	315	10.71	272	1.67	42	E/C	01-1006-20B	1175.00	20.98
465-5015	12.53	318	10.71	272	1.82	46	E/C	1181-20B	850/1200	20.98
465-5016	12.16	309	10.71	272	1.45	37	E/C	01-1006-20B	1175.00	20.98
465-5017	12.34	314	10.52	267	1.82	46	E/C	1181-20B	850/1200	15.18/21.43
465-5018	11.97	304	10.52	267	1.45	37	E/C	01-1006-20B	1175.00	20.98
465-5019	12.17	309	10.03	255	2.14	54	E/C	01-1002-20B	900.00	16.07
465-5020	11.70	297	10.03	255	1.67	42	E/C	01-1002-20B	900.00	16.07
465-5021	16.76	426	13.89	353	2.87	73	E/E	01-1009-20B	800/1160	14.29/20.72
465-5022	16.45	418	13.89	353	2.56	65	E/E	01-1009-20B	800/1160	14.29/20.72
465-5023	15.00	381	12.63	321	2.37	60	E/C	1181-20B	850/1200	15.18/21.43
465-5024	14.77	375	12.63	321	2.14	54	E/C	1181-20B	850/1200	15.18/21.43
465-5025	15.42	392	12.62	321	2.80	71	E/E	01-1008-20B	860/1020	15.36/18.22
465-5026	14.99	381	12.62	321	2.37	60	E/E	1181-20B	850/1200	15.18/21.43
465-5029	12.89	327	10.52	267	2.37	60	E/C	1181-20B	850/1200	15.18/21.43
465-5030	14.14	359	10.97	279	3.17	81	E/C	01-1003-20B	510/625	9.11/11.16
465-5031	13.77	350	10.97	279	2.80	71	E/C	01-1003-20B	510/625	9.11/11.16
465-5032	16.20	412	14.28	363	1.92	49	E/E	01-1009-20B	800/1160	14.29/20.72
465-5033	15.82	402	14.28	363	1.53	39	E/E	01-1009-20B	700/1160	12.5/20.72
465-5036	14.52	369	12.62	321	1.90	48	E/E	1181-20B	850/1200	15.18/21.43
465-5037	14.16	360	12.16	309	2.00	51	E/E	1181-20B	850/1200	15.18/21.43
465-5038	14.37	365	12.62	321	1.75	45	E/E	1181-20B	850/1200	15.18/21.43
465-5039	16.28	414	14.28	363	2.00	51	E/E	01-1009-20B	700/1160	12.5/20.72
465-5040	16.03	407	14.28	363	1.75	45	E/E	01-1009-20B	700/1160	12.5/20.72
465-5041	13.03	331	11.41	290	1.61	41	E/C	01-1020-20B	860/1400	15.36/25.00
465-5042	12.90	328	11.41	290	1.49	38	E/C	01-1021-20B	875/1500	15.63/26.79

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 490 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length**	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm	inch	mm
490-1001	12.50	318	9.61	244	2.89	73	E/E	04-1475-20B	230	4.11	11.50	292
490-1002	13.48	342	10.08	256	3.40	86	E/E	04-1476-20B	195	3.48	12.25	311
490-1003	12.07	307	9.61	244	2.46	62	E/E	04-1478-20B	120	2.14	11.25	286
490-1004	13.01	330	9.61	244	3.40	86	E/E	04-1474-20B	105	1.88	12.00	305
490-1005	12.01	305	9.61	244	2.40	61	E/E	04-1478-20B	120	2.14	11.25	286
490-1006	12.01	305	9.61	244	2.40	61	E/E	04-1479-20B	135	2.41	11.25	286
490-1007	13.01	330	9.61	244	3.40	86	E/E	04-1474-20B	105	1.88	12.00	305
490-1008	13.01	330	9.61	244	3.40	86	E/E	04-1479-20B	135	2.41	12.00	305
490-1009	12.62	321	10.59	269	2.03	52	E/E	04-1475-20B	230	4.11	12.00	305
490-1010	13.05	331	10.59	269	2.46	62	E/E	04-1475-20B	230	4.11	12.25	311
490-1011	13.64	346	11.03	280	2.61	66	E/E	04-1477-20B	110	1.96	12.75	324
490-1012	13.48	342	10.08	256	3.40	86	E/E	04-1477-20B	110	1.96	12.25	311
490-1013	14.43	367	11.03	280	3.40	86	E/E	04-1477-20B	110	1.96	13.25	337

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 512 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm
512-1001B	12.25	311	9.13	232	3.12	79	E/E	03-1396B	200/350	3.57/6.25
512-1002B	14.50	368	10.88	276	3.62	92	E/E	03-1396B	200/350	3.57/6.25
512-1003B	13.75	349	9.88	251	3.87	98	E/E	03-1365B	125/170	2.23/3.04
512-1004B	13.00	330	9.63	245	3.37	86	E/E	03-1365B	125/170	2.23/3.04
512-1005B	13.75	349	10.13	257	3.62	92	E/E	03-1365B	125/170	2.23/3.04
512-1008B	12.50	318	9.08	231	3.42	87	E/E	03-1368B	105/150	1.88/2.68
512-1009B	14.50	368	10.50	267	4.00	102	E/E	03-1365B	125/170	2.23/3.04
512-1010B	14.60	371	10.81	275	3.79	96	E/E	03-1368B	105/150	1.88/2.68
512-1011B	15.50	394	11.15	283	4.35	110	E/E	03-1316-20B	120/170	2.14/3.04
512-1013B	15.50	394	11.15	283	4.35	110	E/E	03-1316-20B	120/170	2.14/3.04
512-1015B	11.50	292	8.83	224	2.67	68	E/E	1442-20B	210/250	3.75/4.46
512-1016B	17.50	445	12.60	320	4.90	124	E/E	03-1316-20B	120/170	2.14/3.04
512-1017B	14.50	368	10.50	267	4.00	102	E/E	1397-20B	175	3.13
512-1018B	16.00	406	11.10	282	4.90	124	E/E	03-1316-20B	120/170	2.14/3.04
512-1019B	17.00	432	11.10	282	5.90	150	E/E	03-1322B	75/155	1.34/2.77
512-1020B	12.25	311	9.13	232	3.12	79	E/E	1367-20B	95/140	1.70/2.50
512-1021B	14.50	368	10.88	276	3.62	92	E/E	03-1318-20B	140/200	2.50/3.57
512-1022B	14.50	368	11.00	279	3.50	89	E/E	03-1396B	200/350	3.57/6.25
512-1023B	15.88	403	11.22	285	4.66	118	E/E	96-20B / 1407-2	140/190	2.50/3.39
512-1024B	14.13	359	10.27	261	3.86	98	E/E	03-1364B	140/190	2.50/3.39

\* Metal to metal (clip installed)

\*\* Eye-to-eye, vehicle loaded - including rider(s)

**Specifications and Technical Information**
**716 Series Shocks**

Order No.	Ext. Length		Comp.*		Travel*		Mnts	Spring No.	Rate	
	In	mm	Length In	Length mm	Inch	MM			lbs/In	kg/mm
716-1001C	13.00	330	9.60	244	3.40	86	E/E	1170-100	40/60	.71/1.07

\* Metal to metal (clip installed)

**Specifications and Technical Information**
**944 Series Shocks**

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length**	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm	inch	mm
944-4001UL	12.50	318	9.53	242	2.97	75	E/E	03-1351-20GG	130/212	2.32/3.79	10.25	260
944-4002UT	13.00	330	9.83	250	3.17	81	E/E	03-1349-20GG	90/130	1.61/2.32	11.25	286
944-4019UL	12.50	318	9.53	242	2.97	75	E/E	03-1352-20GG	130/267	2.32/4.77	10.25	260
944-4020UT	13.00	330	9.83	250	3.17	81	E/E	03-1343-20GG	115/155	2.05/2.77	11.25	286

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### 970 Series Shocks

Order No.	Ext. Length		Comp.* Length		Travel*		Mnts.	Spring No.	Rate		Target Ride Length**	
	inch	mm	inch	mm	inch	mm			lbs/in	kg/mm	inch	mm
970-1001B	12.41	315	9.60	244	2.81	71	E/E	04-1462-20B	210/250	3.75/4.47	11.50	292
970-1005B	12.00	305	9.60	244	2.40	61	E/E	04-1453-20B	90/130	1.61/2.32	11.25	286
970-1006B	13.02	331	9.60	244	3.42	87	E/E	04-1450-20B	75/120	1.34/2.14	12.00	305
970-1007B	14.30	363	11.03	280	3.27	83	E/E	04-1463-20B	105/130	1.88/2.32	13.25	337
970-1008B	13.60	345	11.03	280	2.57	65	E/E	04-1463-20B	105/130	1.88/2.32	12.75	324
970-1009B	13.50	343	10.08	256	3.42	87	E/E	04-1472.20B	110/150	1.96/2.68	12.25	311
970-1010B	13.61	346	9.60	244	4.01	102	E/E	04-1473-20B	180/230	3.21/4.11	12.25	311
970-1011B	12.55	319	10.59	269	1.96	50	E/E	04-1473-20B	180/230	3.21/4.11	12.00	305
970-1012B	13.03	331	10.59	269	2.44	62	E/E	04-1473-20B	180/230	3.21/4.11	12.25	311
970-1013B	11.95	303	10.08	256	1.87	47	E/E	04-1455-20B	230/275	4.11/4.91	11.25	286
970-2001B	13.00	330	9.60	244	3.40	86	E/E	04-1471-20B	95/130	1.61/2.32	11.75	298
970-2002B	13.00	330	9.60	244	3.40	86	E/E	04-1472.20B	110/150	1.96/2.68	11.75	298
970-2003B	12.00	305	9.60	244	2.40	61	E/E	04-1469-20B	90/130	1.61/2.32	11.25	286
970-2004B	12.00	305	9.60	244	2.40	61	E/E	04-1470-20B	115/155	2.05/2.77	11.25	286

\* Metal to metal

\*\* Eye-to-eye, vehicle loaded - including rider(s)

## Specifications and Technical Information

### Shock Springs for Specific Applications (sold individually)

Order No.	Rate lbs/in	Rate kg/mm	Length-In	Length-mm	I.D.- Inch	I.D.- mm	Notes
03-1311-30	160/190	2.86/3.39	10.25	260	1.85	47	1.53" ID on one end
03-1316-20B	120/170	2.14/3.04	12.00	305	1.85	47	1.53" ID on one end
1363-20B	270/345	4.82/6.16	10.20	259	1.85	47	1.53" ID on one end
1371-20B	245/340	4.38/6.07	9.40	239	1.82	46	1.53" ID on one end
1395-30	100/200	1.79/3.57	10.50	267	1.78	45	1.53" ID on one end
1396-20B	200/350	3.57/6.25	9.37	238	1.85	47	1.53" ID on one end
1397-20B	175	3.13	9.75	248	1.85	47	1.53" ID on one end
1406-20B	200	3.57	3.25	83	2.05	52	
1407-20B	400	7.14	2.75	70	1.90	48	
1431-20B	130	2.32	8.75	222	1.85	47	1.53" ID on one end
1432-20B	155	2.77	8.75	222	1.85	47	1.53" ID on one end
1433-20B	175	3.13	8.75	222	1.85	47	1.53" ID on one end
1435-20B	290	5.18	9.00	229	1.90	48	1.53" ID on one end
1436-20B/30	210/250	3.75/4.46	7.75	197	1.85	47	1.53" ID on one end
1437-20B/30	230/275	4.11/4.91	6.87	174	1.85	47	1.53" ID on one end
1442-20B/30	210/250	3.75/4.46	8.37	213	1.85	47	1.53" ID on one end

## Specifications and Technical Information

### 01 Series Single Shock Rear Spring

Order No.	Rate lbs/in	Rate kg/mm	Length-In	Length-mm	I.D.- Inch	I.D.- mm	Notes (Fits)
1154-20R	800/900	14.29/16.07	6.30	160	2.35	60	
1155-20B	250/310	4.46/5.54	8.50	216	2.35	60	
1156-20B	375/465	6.70/8.30	8.00	203	2.35	60	
1157-20B	560	10	8.75	222	2.35	60	
1158-20B	400/450	7.14/8.04	6.75	171	2.35	60	
1179-20B	1000/1200	17.86/21.43	7.50	191	2.22	56	Reduced ID on one end
1191-20B	500	8.93	7.00	178	2.35	60	
1198-20B	700	12.5	6.50	165	2.35	60	

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