



CUSTOM LENGTHS WITH STANDARD DUTY SPRINGS For Pricing and Van Leeuwen Part #'s see page 234-236

MODEL	YEAR	444STD 11"	444STD 11.5"	444STD 12"	444STD 12.5"	444STD 13"	444STD 13.5"	412STD 11"
BMW								
R45	1979-1984							
R60/6	1974-1977							
R65	1979-1984							
R75/5 Early	1973-1973							
R75/5/6/7	1973-1977							
R80/7	1978-1984							
R90	1973-1984							
K75/A/S/RT	1992-1995							
K75/C/T/LR/RT	1985-1991							
K75S	1987-1995							
R100	1973-1984							
K100/LT/RT	1984-1991							
K100RS	1988-1989							
DUKATI								
500 Pantah	1980-1985							
500GTL	1977-1977							
600 Pantah	1980-1985							
750 Darmah	1977-1985							
750GT/S	1972-1977							
860GT	1975-1977							
900 Darmah	1977-1985							
900SS	1976-1985							
900SS/GTS	1977-1979							
1000 MHR	1976-1987							
HARLEY DAVIDSON								
XG500 Street	2015-2017							
XG750 Street	2015-2017							
XL XLH 883/1200C/Hug	1992-2003	444-4005B/C	444-4006B/C*	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4005B/C
XL 50 (Anniversary)	2007-2007	444-4062B/C	444-4063B/C*	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C
XL 883	2004-2009	444-4062B/C	444-4063B/C*	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4062B/C
XL 883L	2005-2017			444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	
XL 883L	2005-2006	444-4062B/C	444-4063B/C*					412-4062B/C
XL 883L	2007-2010	444-4062B/C*	444-4063B/C					412-4062B/C*
XL 883L	2011-2017	444-4062B/C	444-4063B/C*					412-4062B/C
XL 883N	2009-2017	444-4062B/C*	444-4063B/C	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C*
XL 883R	2006-2015	444-4062B/C	444-4063B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4062B/C*
XL CR	1977-1978	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C*	444-4008B/C	444-4009B/C	412-4005B/C
XLH 883 Hugger	1988-1991	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C*	444-4008B/C	444-4009B/C	412-4005B/C
XLH 883/1200	1988-1993	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C*	444-4008B/C	444-4009B/C	412-4005B/C
XLH 883/1200 Std, Dlx	1994-1995	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C*	412-4005B/C
XLH 883/1200 Std, Dlx	1994-2003							
XLH 883/1200 Std, Dlx	1996-2003	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C*	412-4005B/C
XL 883C/1200C	2004-2010	444-4062B/C	444-4063B/C*	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C
XL 1200C (all except XL 1200CX)	2011-2017	444-4062B/C	444-4063B/C*	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C
XL 1200CX	2016-2017	444-4062B/C	444-4063B/C	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C*	412-4062B/C
XL 1200L	2006-2011	444-4062B/C	444-4063B/C*	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C
XL 1200N	2007-2012	444-4062B/C*	444-4063B/C	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C*
XL 1200R	2004-2009	444-4062B/C	444-4063B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4062B/C*
XL 1200T	2014-2017	444-4062B/C	444-4063B/C*	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C
XL 1200V (72)	2012-2016	444-4062B/C	444-4063B/C*	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C
XL 1200X (48)	2010-2017	444-4062B/C*	444-4063B/C	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C*
XLH/XLCH	1973-1978							
XR1000	1983-1984	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C*	444-4008B/C	444-4009B/C	412-4005B/C
XR1200	2008-2012	444-4062B/C	444-4063B/C	444-4049B/C	444-4007B/C	444-4008B/C	444-4009B/C	412-4062B/C
FL-FLH	1958-1972							
FL-FLH	1973-1977		444-4053B/C	444-4044B/C*				412-4030C
FL-FLH (4 Speed)	1978-1986		444-4053B/C	444-4044B/C*				412-4030C
FLD	2012-2016			444-4072B/C*				412-4045B/C
FLH/FLT (5 Speed)	1980-1996	444-4006B/C	444-4049B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLH/FLT (5 Speed)	1997-2001	444-4006B/C	444-4049B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLH/FLT (all - except Tri-Glide)	2006-2013	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLH/FLT (not Road King)	2002-2005	444-4006B/C	444-4049B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHR (Road King (Only)	2002-2005	444-4006B/C	444-4049B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHR/C	2014-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHTCU	2014-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHTCUL	2015-2016	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHTK	2014-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHTKL	2015-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHTKSE	2016-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHX	2014-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLHXS	2014-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLTRU	2016-2017		444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLTRUSE	2015-2016	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C*	444-4003B/C	
FLTRX	2015-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C	444-4003B/C	
FLTRXS	2015-2017	444-4059B/C	444-4061B/C		444-4001B/C	444-4002B/C	444-4003B/C	
FX	1971-1972							
FX	1973-1983		444-4044B/C*					412-4030C
FX	1984-1986		444-4053B/C					412-4030C
FXD	2006-2010		444-4052B/C					
FXD/B/C	1991-1992		444-4052B/C					
FXD/C	1995-2005		444-4052B/C		444-4038B/C*	444-4039B/C		412-4037B/C
FXD35	2006-2006		444-4052B/C		444-4038B/C*	444-4039B/C		412-4037B/C
FXDB	2006-2017		444-4052B/C		444-4038B/C*	444-4039B/C		412-4037B/C
FXDC	2006-2009				444-4038B/C*	444-4039B/C		412-4037B/C
FXDC	2006-2014		444-4052B/C			444-4039B/C		412-4037B/C
FXDC	2010-2014			444-4036B/C*	444-4038B/C			
FXDF	2008-2017		444-4052B/C		444-4036B/C*	444-4038B/C		412-4037B/C
FXDL	1993-2000		444-4052B/C		444-4036B/C*	444-4038B/C		412-4037B/C
FXDL	2001-2017		444-4052B/C		444-4036B/C*	444-4038B/C		412-4037B/C
FXDLS	2016-2017		444-4052B/C		444-4036B/C*	444-4038B/C		412-4037B/C
FXDS-Conv.	1994-2000		444-4052B/C		444-4036B/C	444-4038B/C	444-4039B/C*	412-4037B/C
FXDWG	1993-2005		444-4052B/C		444-4036B/C	444-4038B/C*	444-4039B/C	412-4037B/C
FXDWG	2006-2008		444-4052B/C		444-4036B/C	444-4038B/C*	444-4039B/C	412-4037B/C
FXDWG	2010-2017		444-4052B/C		444-4036B/C*	444-4038B/C	444-4039B/C	412-4037B/C
FXDX	1999-1999		444-4052B/C		444-4036B/C	444-4038B/C	444-4039B/C*	412-4037B/C
FXLR	1987-1994	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4005B/C
FXR-SP/Conv.	1987-1994	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C*	412-4005B/C
FXR/FXRS	1982-1986	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C*	444-4008B/C	444-4009B/C	412-4005B/C
FXR/FXRS	1987-1987	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4005B/C
FXR/FXRS	1988-1994	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4005B/C
FXRT	1983-1984	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4005B/C
FXRT	1985-1987	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4005B/C
FXRT	1988-1992	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C	444-4008B/C*	444-4009B/C	412-4005B/C
FXWVG	1980-1986		444-4053B/C		444-4044B/C*			412-4030C
Sportsters, All	1953-1972							
Sportsters, All	1979-1983	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C*	444-4008B/C	444-4009B/C	412-4005B/C
Sportsters, All	1984-1987	444-4005B/C	444-4006B/C	444-4049B/C	444-4007B/C*	444-4008B/C	444-4009B/C	412-4005B/C
VRSCA (V-Rod)	2002-2006			444-4054B/C	444-4055B/C	444-4056B/C*		



CUSTOM LENGTHS WITH STANDARD DUTY SPRINGS

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MODEL	YEAR	444STD 11"	444STD 11.5"	444STD 12"	444STD 12.5"	444STD 13"	444STD 13.5"	412STD 11"	
VRSCB (V-Rod)	2005-2005			444-4054B/C	444-4055B/C	444-4056B/C*			
VRSCD (Night-Rod)	2006-2006			444-4054B/C	444-4055B/C	444-4056B/C*			
HONDA									
CM185T	1979-1980								
CM200T	1979-1980								
TRX250X Fourtrax	1987-1988								
CB400	1992-1993								
CX500	1978-1982								
CX500 Custom	1980-1980								
CX500 Custom	1981-1982								
FT500 Ascot (Single)	1982-1983								
GB500	1989-1990								
V30 Magna (500cc)	1984-1986	444-4234B/C	444-4200B/C	444-4227B/C	444-4205B/C	444-4210B/C	444-4216B/C*	412-4232C	
VT500 Ascot (Twin)	1983-1984								
VT500 Shadow (Twin)	1983-1984					444-4211B/C	444-4217B/C		
XBR500	1985-1989								
650 Nighthawk	1983-1985								
700 Shadow	1984-1985	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			412-4233C	
700 Shadow	1986-1987	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*	444-4212B/C*		412-4233C	
VF700C Magna	1984-1984	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C*			412-4232C	
VF700C Magna	1985-1986	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C*	444-4212B/C*		412-4232C	
750 Shadow	1983-1983	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			412-4233C	
750 Shadow Ace	1998-2003	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			412-4233C	
750 Shadow Aero	2004-2009							412-4256C	
750 Shadow Spirit (chain-drive)	2001-2007	444-4235B/C	444-4201B/C	444-4228B/C				412-4233C	
CB750 Nighthawk	1991-2003								
V45 Magna (750cc)	1982-1983	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C*			412-4232C	
VF750C Magna/Deluxe	1994-2003	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			412-4233C	
800 Shadow	1988-1988	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*	444-4212B/C*		412-4233C	
CB900C	1980-1980								
CB900C	1981-1982								
CB1000C	1983-1983								
V65 Magna (1100cc)	1983-1986					444-4211B/C	444-4217B/C		
1100 Shadow	1985-1986	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			412-4233C	
1100 Shadow/Ace/Spirit/Sabre	1987-2007		444-4202B/C	444-4229B/C				412-4204C	
GL1500C/D/T Valkyrie/Tour	1997-2003								
GL1500CF Valkyrie Inter.	1999-2001								
VTX1300C	2004-2009		444-4202B/C	444-4229B/C*					
VTX1300R/S Retro	2003-2009		444-4202B/C	444-4229B/C					
VTX1300T	2008-2009		444-4202B/C	444-4229B/C					
VTX1800C	2002-2004				444-4209B/C				
VTX1800C/F	2005-2008		444-4202B/C		444-4209B/C				
VTX1800N/R/S/T	2002-2008		444-4202B/C		444-4209B/C				
KAWASAKI									
KZ250CSR	1980-1982								
KZ305	1981-1983								
KH400	1974-1978								
KZ440 Ltd	1980-1983								
KZ440 Std	1980-1983								
EN450 Ltd	1985-1990								
KH500	1976-1976								
KZ550 Ltd	1980-1983								
KZ550 Spectre	1986-1987	444-4234B/C	444-4200B/C	444-4227B/C	444-4205B/C	444-4210B/C	444-4216B/C*	412-4232C	
ZL600	1982-1983								
CSR650	1977-1983								
KZ650	1978-1979								
KZ650SR	2000-2002								
W650	1972-1975								
750 H2 (3 cyl)	1976-1980								
KZ750 (Twin)	1985-1985	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C*			412-4232C	
VN700 Vulcan	1985-2006	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C*			412-4232C	
VN750 Vulcan	1986-2006	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C*			412-4232C	
ZL500 Eliminator	1985-1986	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C	444-4211B/C	444-4217B/C*	412-4232C	
ZL1000 Eliminator	1987-1987	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C	444-4211B/C	444-4217B/C*	412-4232C	
ZNT100 Ltd	1984-1985								
ZNT100 Voyager	1986-1986								
ZG1200 Voyager	1987-2003								
VN1500 Mean Streak	2002-2003			444-4236B/C	444-4237B/C	444-4238B/C	444-4239B/C*		
VN1500 Vulcan Classic/FI	1996-2008		444-4202B/C	444-4229B/C	444-4209B/C*			412-4204C	
VN1500 Vulcan Drifter	1999-2005		444-4202B/C	444-4229B/C	444-4209B/C	444-4213B/C*			
VN1500 Vulcan Nomad	1998-2001		444-4202B/C	444-4229B/C	444-4209B/C	444-4213B/C*			
VN1500 Vulcan Nomad FI	2000-2004		444-4202B/C	444-4229B/C	444-4209B/C	444-4213B/C*			
VN1500 Vulcan SE/L	1987-1999	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C	444-4212B/C*		412-4233C	
VN1600 Mean Streak	2004-2008			444-4236B/C	444-4237B/C	444-4238B/C	444-4239B/C*		
VN1600 Vulcan Classic	2003-2008		444-4202B/C	444-4229B/C	444-4209B/C	444-4213B/C		412-4204C	
VN1600 Vulcan Nomad	2005-2008		444-4202B/C	444-4229B/C	444-4209B/C	444-4213B/C*		412-4204C	
LAVERDA									
350	1979-1985								
500	1979-1985								
500 Zeta	1973-1979								
750	1972-1975								
750	1972-1982								
750SF	1973-1979								
1000	1972-1982								
1000	1975-1981								
1200	1975-1981								
MOTO GUZZI									
500V50	1979-1983								
V6S Lario	1984-1988								
V7	1969-1983								
750GT	1983-1983								
850	1972-1975								
850	1972-1982								
T3, T4, 850/850LM	1976-1983								
T5	1983-1988								
1000LM	1983-1994								
1000SP	1976-1983								
California 1000	1976-1982								
NORTON									
850 Commando MK2	1974-1978								
Rotary Commander	1988-1994								
SUZUKI									
GT185	1972-1977								
GT250	1972-1977								
GS250	1981-1982								
GS300	1983-1983								
SP370	1978-1979								
GT380	1972-1977								
SP400	1980-1980								

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- ORDER SHEET

412 STD 11" FULL COVER	412 STD 11.5"	412 STD 12"	12" FULL CVR/ 12" CRUISER	412 STD 12.5"/ 12.6"	412 STD 13"	412 STD 13.5"	412 FULL CVR 13.5"/ 12.5" CRUISER	412 STD 14"/14.25"
		412-4051B/C 412-4051B/C		412-4052B/C 412-4052B/C	412-4053B/C* 412-4053B/C*			
				412-4205C 412-4205C	412-4026B 412-4210C 412-4211C 412-4211C 412-4211C 412-4210C			
	412-4200C	412-4227C		412-4205C 412-4205C	412-4210C	412-4216C*		412-4220C 412-4220C*
				412-4205C	412-4211C	412-4217C		
	412-4201C 412-4201C 412-4200C 412-4200C 412-4201C 412-4201C 412-4257C* 412-4201C	412-4228C 412-4228C 412-4227C 412-4227C 412-4228C 412-4228C		412-4207C* 412-4207C 412-4206C* 412-4206C 412-4207C* 412-4207C*	412-4212C* 412-4212C*			
	412-4200C 412-4201C 412-4201C	412-4227C 412-4228C 412-4228C		412-4206C* 412-4207C* 412-4207C	412-4211C 412-4212C* 412-4211C 412-4211C 412-4211C			
412-4247C	412-4201C 412-4202C 412-4202C	412-4228C 412-4229C 412-4229C		412-4207C* 412-4209C 412-4219C	412-4213C* 412-4221C*	412-4217C		412-4220C*
	412-4202C 412-4202C 412-4202C 412-4202C 412-4202C 412-4202C	412-4229C* 412-4229C 412-4229C 412-4229C 412-4229C 412-4229C						
				412-4205C 412-4205C 412-4205C				
	412-4200C	412-4227C		412-4205C	412-4210C 412-4210C 412-4210C 412-4210C 412-4210C 412-4210C 412-4210C	412-4216C*		
	412-4200C 412-4200C 412-4200C 412-4200C	412-4227C 412-4227C 412-4227C 412-4227C		412-4205C 412-4206C* 412-4206C* 412-4206C 412-4206C	412-4211C 412-4211C	412-4217C* 412-4217C* 412-4217C		
412-4247C	412-4202C 412-4202C 412-4202C 412-4201C	412-4239C 412-4229C 412-4229C 412-4229C 412-4228C 412-4239C		412-4240C 412-4209C* 412-4209C 412-4209C 412-4207C 412-4240C 412-4209C 412-4209C	412-4213C* 412-4213C* 412-4213C* 412-4213C* 412-4212C* 412-4241C 412-4213C 412-4213C*	412-4242C* 412-4242C*		
	412-4202C 412-4202C	412-4229C 412-4229C						
					412-4210C 412-4210C	412-4216C		
					412-4210C 412-4210C	412-4216C		
					412-4210C			412-4220C 412-4220C
				412-4205C		412-4217C		
					412-4211C 412-4211C 412-4210C 412-4210C			
					412-4211C 412-4211C	412-4217C 412-4217C		
					412-4211C			
						412-4217C		
				412-4205C 412-4205C 412-4205C				
				412-4205C	412-4210C			
						412-4216C		
						412-4216C		

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MODEL	YEAR	444STD 11"	444STD 11.5"	444STD 12"	444STD 12.5"	444STD 13"	444STD 13.5"	412STD 11"
GS400	1977-1978							
GS400	1980-1985							
GN400	1980-1982							
GSX400	1980-1985							
GS425	1979-1979							
GS450	1980-1983							
GSS00	1978-1983							
GSS50	1977-1978							
GSS50	1979-1980							
GSS50	1981-1982							
GT500	1972-1977							
GT550	1972-1977							
GS650E	1981-1981							
GS650G (Shaft)	1981-1983							
GS650GL	1981-1983							
GS650GT Katana	1981-1986							
VS700 Intruder	1985-1987	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			412-4233C
VS750 Intruder	1988-1991	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			412-4233C
VS800 Intruder/Blvd.S50	1992-2009	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			412-4233C
VX800	1990-1993							
GS650L	1980-1982							
GS850G	1979-1983							
GS1000G	1980-1981							
GS1100G	1982-1984							
GS1100GK	1982-1984							
GS1100L	1982-1983							
VS1400 Intruder/Blvd.S83	1987-2009	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C	444-4212B/C*		412-4233C
VZ1600 Marauder/Blvd.M95	2004-2005			444-4236B/C	444-4237B/C	444-4238B/C	444-4239B/C*	
TRIUMPH								
TR6	1971-1972							
T100	1971-1974							
T100	2002-2016				444-4207B/C	444-4212B/C	444-4215B/C*	
T120	1970-1972							
TR120	1972-1973							
T140	1973-1983							
Bonneville	2001-2015				444-4207B/C			
Bonneville	2001-2010					444-4212B/C	444-4215B/C*	
Bonneville	2011-2015					444-4212B/C*	444-4215B/C	
Bonneville America	2002-2014				444-4214B/C*			
Bonneville New Church	2015-2015				444-4207B/C	444-4212B/C	444-4215B/C*	
Bonneville SE	2009-2014				444-4207B/C	444-4212B/C*	444-4215B/C	
Bonneville Speedmaster	2003-2014				444-4214B/C*			
Scrambler 900	2006-2016							
ThruXton 900	2004-2016							
Rocket III	2004-2009		444-4202B/C	444-4229B/C	444-4209B/C*	444-4213B/C		
Rocket III - Classic	2006-2009		444-4202B/C	444-4229B/C	444-4209B/C*	444-4213B/C		
Rocket III - Roadster	2010-2014		444-4202B/C	444-4229B/C	444-4209B/C*	444-4213B/C		
Rocket III - Touring	2008-2014		444-4202B/C	444-4229B/C	444-4209B/C*	444-4213B/C		
YAMAHA								
XJR400	1993-1993							
XS400	1980-1981							
XS400SE	1977-1984							
535 Virago	1987-2000	444-4234B/C	444-4200B/C	444-4227B/C	444-4206B/C			412-4232C
550 Maxim	1981-1983							
550 Seca	1981-1983							
YX600 Badian	1986-1990							
XS650 Twin	1975-1976							
XS650 Twin	1975-1983							
700 Virago	1984-1987	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C			412-4233C
FZ700 Fazer	1986-1987							
750 Maxim	1981-1983							
750 Virago	1988-1997	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C			412-4233C
XS750	1980-1982							
XS750 Special (Triple)	1978-1979							
V-Max 1200	1985-1992	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C	444-4212B/C*		412-4233C
V-Max 1200	1993-2007	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C	444-4212B/C*		412-4233C
XJ400	1980-1984							
XJ650 Maxim	1980-1983							
XJ650 Seca	1982-1982							
XJ650 Turbo	1982-1983							
XJ700X Maxim	1985-1986							
XJ750	1982-1984							
XJ750 Seca	1981-1983							
XS850 Std (Triple)	1980-1981							
XS850S Special (Triple)	1980-1981							
XJ900	1984-1994							
XJ900 Seca	1983-1983							
1000 Virago	1984-1985	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C			412-4233C
1000 Virago	1986-1988							
1100 Maxim	1982-1982							
1100 Virago	1986-1999	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C			412-4233C
XS1100 Special	1979-1981							
XS1100 Std	1978-1981							

CUSTOM LENGTHS WITH HEAVY DUTY SPRINGS

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MODEL	YEAR	444 HD 11"	444 HD 11.5"	444 HD 12"	444 HD 12.5"	444 HD 13"	444 HD 13.5"	444 SHD 13"
BMW								
R45	1979-1984							
R60/6	1974-1977							
R65	1979-1984							
R75/5 Early	1973-1973							
R75/5/6/7	1973-1977							
R80/7	1978-1984							
R90	1973-1984							
R100	1973-1984							
DUCATI								
250CC	1971-1978							
500 Pantah	1980-1985							
500GT	1977-1977							
600 Pantah	1980-1985							
750 Darmah	1977-1985							
750GT/S	1972-1977							
860GT	1975-1977							
900 Darmah	1977-1985							
900SS	1976-1985							

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412 STD 11" FULL COVER	412 STD 11.5"	412 STD 12"	12" FULL CVR/ 12" CRUISER	412 STD 12.5"/ 12.6"	412 STD 13"	412 STD 13.5"	412 FULL CVR 13.5"/ 12.5" CRUISER	412 STD 14"/14.25"
				412-4205C	412-4210C 412-4210C 412-4210C 412-4210C 412-4210C			
				412-4205C	412-4210C 412-4210C			
				412-4205C 412-4205C	412-4210C	412-4216C		412-4220C
	412-4201C 412-4201C 412-4201C	412-4228C 412-4228C 412-4228C		412-4206C 412-4207C* 412-4207C* 412-4207C*				412-4220C
				412-4207C	412-4210C 412-4211C 412-4211C 412-4211C			
	412-4201C	412-4228C 412-4239C		412-4207C 412-4240C	412-4211C 412-4212C* 412-4241C	412-4242C*		
				412-4250C	412-4210C 412-4210C 412-4249C 412-4210C	412-4215C*		
	412-4254C	412-4251C		412-4205C 412-4205C 412-4250C	412-4249C 412-4249C*	412-4215C* 412-4215C		
	412-4254C	412-4251C		412-4253C* 412-4209C 412-4250C 412-4253C*	412-4249C 412-4249C*	412-4215C* 412-4215C		412-4260B/C* 412-4059B/C
	412-4202C 412-4202C 412-4202C 412-4202C	412-4229C 412-4229C 412-4229C 412-4229C		412-4209C* 412-4209C* 412-4209C* 412-4209C*	412-4213C 412-4213C 412-4213C 412-4213C			
	412-4200C	412-4227C		412-4205C 412-4206C 412-4205C 412-4205C 412-4205C 412-4206C	412-4210C 412-4210C			
	412-4201C	412-4228C		412-4207C 412-4207C 412-4206C 412-4207C 412-4206C 412-4207C				
	412-4201C	412-4228C		412-4207C 412-4206C 412-4207C 412-4206C 412-4207C 412-4207C 412-4205C 412-4205C 412-4205C 412-4205C	412-4212C* 412-4212C*			
	412-4201C	412-4228C		412-4207C 412-4207C 412-4206C 412-4207C 412-4206C 412-4207C 412-4207C 412-4207C 412-4207C 412-4207C 412-4207C	412-4212C 412-4210C			
	412-4201C	412-4228C		412-4207C 412-4207C 412-4207C				

444 SHD 13.5"	412 HD 11"	412 HD 11" FULL COVER	412 HD 11.5"	412 HD 12"	412 HD 12" FULL COVER	HD 12.5/12.6"	412 HD 13"	412 HD 13.5"	412 HD 14.25"
							412-4212C 412-4212C 412-4212C	412-4215C	
							412-4210C 412-4211C 412-4211C 412-4211C	412-4217C	
						412-4206C 412-4206C		412-4217C	
							412-4211C	412-4217C	

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MODEL	YEAR	444 HD 11"	444 HD 11.5"	444 HD 12"	444 HD 12.5"	444 HD 13"	444 HD 13.5"	444 SHD 13"	
900SS/GTS	1977-1979								
1000 MHR	1976-1987								
HARLEY DAVIDSON									
XG500 Street	2015-2017								
XG750 Street	2015-2017								
XL 883C/1200C	2004-2010	444-4067B/C	444-4066B/C*	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL XLH 883/1200C/Hug	1992-2003	444-4022B/C	444-4011B/C*	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
Sportsters, All	1979-1983	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C*	444-4002B/C	444-4003B/C		
Sportsters, All	1984-1987	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C*	444-4002B/C	444-4003B/C		
XL50 (Anniversary)	2007-2007	444-4067B/C	444-4066B/C*	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL883	2004-2009	444-4067B/C	444-4066B/C*	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
XL883L	2005-2017			444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL883L	2005-2006	444-4067B/C	444-4066B/C*						
XL883L	2007-2010	444-4067B/C*	444-4066B/C						
XL883L	2011-2017	444-4067B/C	444-4066B/C*						
XL883N	2009-2017	444-4067B/C*	444-4066B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL883R	2006-2015	444-4067B/C	444-4066B/C	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
XLCR	1977-1978	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C*	444-4002B/C	444-4003B/C		
XLH 883 Hugger	1988-1991	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C*	444-4002B/C	444-4003B/C		
XLH 883/1200	1988-1993	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C*		
XLH 883/1200 Std, Dlx	1994-1995	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XLH 883/1200 Std, Dlx	1996-2003	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C*		
XR1000	1983-1984	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C*	444-4002B/C	444-4003B/C		
XR1200	2008-2012	444-4067B/C	444-4066B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL1200C (all except XL1200CX)	2011-2017	444-4067B/C	444-4066B/C*	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL1200CX	2016-2017	444-4067B/C	444-4066B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C*		
XL1200L	2006-2011	444-4067B/C	444-4066B/C*	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL1200N	2007-2012	444-4067B/C*	444-4066B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL1200R	2004-2009	444-4067B/C	444-4066B/C	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
XL1200T	2014-2017	444-4067B/C	444-4066B/C*	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL1200V (72)	2012-2016	444-4067B/C	444-4066B/C*	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
XL1200X (48)	2010-2017	444-4067B/C*	444-4066B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
FLH/FLT (5 Speed)	1980-1996		444-4011B/C	444-4050B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLH/FLT (5 Speed)	1997-2001		444-4011B/C	444-4050B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLH/FLT (all - except Tri-Glide)	2006-2013		444-4060B/C	444-4058B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLH/FLT (not Road King)	2002-2005		444-4011B/C	444-4050B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLHR Road King (Only)	2002-2005		444-4011B/C	444-4050B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLHR/C	2014-2017		444-4060B/C	444-4058B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLHTCU	2014-2017		444-4060B/C	444-4058B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLHTCUL	2015-2016		444-4060B/C	444-4058B/C*	444-4019B/C	444-4020B/C	444-4021B/C	444-4076B/C	
FLHTCUTG	2009-2017								
FLHTK	2014-2017		444-4060B/C	444-4058B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLHTKL	2015-2017		444-4060B/C	444-4058B/C*	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLHTKSE	2016-2017		444-4060B/C	444-4058B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLHX	2014-2017		444-4060B/C	444-4058B/C*	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C	
FLHXX	2014-2017		444-4060B/C	444-4058B/C*	444-4019B/C	444-4020B/C	444-4021B/C	444-4076B/C	
FLHXX	2010-2011								
FLRT	2015-2017								
FLTRU	2016-2017		444-4059B/C	444-4058B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLTRUSE	2015-2016		444-4060B/C	444-4058B/C	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C*	
FLTRX	2015-2017		444-4060B/C	444-4058B/C*	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C	
FLTRXS	2015-2017		444-4060B/C	444-4058B/C*	444-4019B/C	444-4020B/C*	444-4021B/C	444-4076B/C	
FXD	2006-2010		444-4053B/C	444-4044B/C	444-4048B/C*	444-4049B/C*	444-4051B/C		
FXD/B/C	1991-1992		444-4053B/C	444-4044B/C	444-4048B/C*	444-4049B/C*	444-4051B/C		
FXD/C	1995-2005		444-4053B/C	444-4044B/C	444-4048B/C*	444-4049B/C*	444-4051B/C		
FXD35	2006-2006		444-4053B/C	444-4044B/C	444-4048B/C*	444-4049B/C*	444-4051B/C		
FXDB	2006-2017		444-4053B/C	444-4044B/C*	444-4048B/C*	444-4049B/C*	444-4051B/C		
FXDC	2006-2009			444-4044B/C	444-4048B/C*				
FXDC	2006-2014		444-4053B/C			444-4051B/C			
FXDC	2010-2014			444-4044B/C*	444-4048B/C				
FXDC	2008-2017		444-4053B/C	444-4044B/C*	444-4048B/C	444-4051B/C			
FXDL	1993-2000		444-4053B/C	444-4044B/C*	444-4048B/C	444-4051B/C			
FXDL	2001-2017		444-4053B/C	444-4044B/C*	444-4048B/C	444-4051B/C			
FXDL	2016-2017		444-4053B/C	444-4044B/C*	444-4048B/C	444-4051B/C			
FXDLS-Conv.	1994-2000		444-4053B/C	444-4044B/C	444-4048B/C	444-4051B/C*			
FXDWG	1994-2000		444-4053B/C	444-4044B/C	444-4048B/C*	444-4051B/C*			
FXDWG	2006-2008		444-4053B/C	444-4044B/C	444-4048B/C*	444-4051B/C			
FXDWG	2010-2017		444-4053B/C	444-4044B/C	444-4048B/C*	444-4051B/C			
FXDX	1999-1999		444-4053B/C	444-4044B/C	444-4048B/C	444-4051B/C*			
FXDX/T	2000-2005		444-4053B/C	444-4044B/C	444-4048B/C	444-4051B/C			
FXLR	1987-1994	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
FXR-SP/Conv.	1987-1994	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C	444-4003B/C		
FXR/FXRS	1982-1986	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C*	444-4002B/C	444-4003B/C		
FXR/FXRS	1987-1987	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
FXR/FXRS	1988-1994	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
FXRT	1983-1984	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
FXRT	1985-1987	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
FXRT	1988-1992	444-4022B/C	444-4011B/C	444-4050B/C	444-4001B/C	444-4002B/C*	444-4003B/C		
VRSCA (V-Rod)	2002-2006					444-4057B/C*			
VRSCAW (V-Rod)	2007-2010					444-4071B/C*			
VRSCB (V-Rod)	2005-2005					444-4057B/C*			
VRSCD (Night-Rod)	2006-2006					444-4057B/C*			
VRSCD (Night-Rod)	2007-2008					444-4071B/C*			
VRSCDX (Night Rod Special)	2007-2011					444-4071B/C*			
VRSCDX (Night Rod Special)	2012-2017					444-4071B/C*			
VRSCF (V-Rod Muscle)	2009-2017					444-4071B/C*			
VRSCX	2007-2007					444-4071B/C*			
HONDA									
CM185T	1979-1980								
CM200T	1979-1980								
CB250RS	1980-1984								
CB350S	1986-1988								
CB400	1992-1993								
CX500	1978-1982								
CX500 Custom	1980-1980								
CX500 Custom	1981-1982								
FT500 Ascot (Single)	1982-1983								
GB500	1989-1990								
V30 Magna (500cc)	1984-1986	444-4235B/C	444-4201B/C	444-4228B/C	444-4206B/C	444-4211B/C	444-4217B/C*		
VT500 Shadow (Twin)	1983-1984					444-4212B/C	444-4215B/C		
VTX1800N/R/S/T	2002-2008		444-4230B/C						
650 Nighthawk	1983-1985								
700 Shadow	1984-1985					444-4214B/C*			
700 Shadow	1986-1987					444-4214B/C	444-4218B/C*		
VF700C Magna	1984-1984	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C				
VF700C Magna	1985-1986	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C	444-4218B/C*			
750 Shadow	1983-1983					444-4214B/C*			
750 Shadow Ace	1998-2003					444-4214B/C*			
750 Shadow Spirit (chain-drive)	2001-2007								
VF750C Magna/Deluxe	1994-2003					444-4214B/C*			
V45 Magna (750cc)	1982-1983	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*				



CUSTOM LENGTHS WITH STANDARD DUTY SPRINGS

For Pricing and Van Leeuwen Part #'s see page 234-236

MODEL	YEAR	444 HD 11"	444 HD 11.5"	444 HD 12"	444 HD 12.5"	444 HD 13"	444 HD 13.5"	444 SHD 13"
800 Shadow	1988-1988				444-4214B/C	444-4218B/C*		
CB1000C	1983-1983							
CB750 Nighthawk	1991-2003							
CB750F2 Retro	1992-1996							
CB900C	1980-1980							
CB900C	1981-1982							
GL1000 Gold Wing	1975-1979							
GL1100 Gold Wing	1980-1983							
1100 Shadow	1985-1986				444-4214B/C*			
1100 Shadow/Ace/Spirit/Sabre	1987-2007		444-4230B/C					
V65 Magna (1100cc)	1983-1986					444-4212B/C	444-4215B/C	
GL1200 Gold Wing	1984-1987							
VTX1300C	2004-2009	444-4230B/C		444-4232B/C*				
VTX1300R/S Retro	2003-2009	444-4230B/C		444-4232B/C				
VTX1300T	2008-2009	444-4230B/C		444-4232B/C				
GL1500 Gold Wing	1988-2000							
GL1500C/D/T Valkyrie/Tour	1997-2003							
GL1500CF Valkyrie Inter.	1999-2001							
VTX1800C	2002-2004	444-4230B/C			444-4233B/C			
VTX1800C/F	2005-2008	444-4230B/C			444-4233B/C			
XBR500	1985-1989							
INDIAN								
Scout	2015-2017	444-4246B/C	444-4248B/C*	444-4250B/C				
Scout Sixty	2016-2017	444-4246B/C	444-4248B/C*	444-4250B/C				
KAWASAKI								
Z250	1979-1982							
KZ250CSR	1980-1982							
KZ305	1981-1983							
KH400	1974-1978							
Z400J	1975-1980							
Z440	1975-1980							
KZ440 Ltd	1980-1983							
KZ440 Std	1980-1983							
EN450 Ltd	1985-1990							
KH500	1976-1976							
KZ500 Ltd	1980-1983							
KZ500 Spectre	1980-1983							
ZL600	1986-1987	444-4235B/C	444-4201B/C	444-4228B/C	444-4206B/C	444-4211B/C	444-4217B/C	
KZ650	1977-1983							
KZ650SR	1978-1979							
CSR650	1982-1983							
W650	2000-2002							
VN 700 Vulcan	1985-1985	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			
VN 750 Vulcan	1986-2006	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C*			
750 H2 (3 cyl)	1972-1975							
KZ750 (Twin)	1976-1980							
ZL900 Eliminator	1985-1986	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C	444-4212B/C	444-4215B/C*	
ZL1000 Eliminator	1987-1987	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C	444-4212B/C	444-4215B/C*	
ZN1100 Ltd	1984-1985							
ZG1200 Voyager	1986-1986							
ZG1200 Voyager	1987-2003							
VN1500 Mean Streak	2002-2003				444-4240B/C	444-4241B/C	444-4242B/C	444-4243B/C*
VN1500 Vulcan Classic/FI	1996-2008		444-4230B/C	444-4232B/C	444-4233B/C*			
VN1500 Vulcan Drifter	1999-2005		444-4230B/C	444-4232B/C	444-4233B/C	444-4221B/C*		
VN1500 Vulcan Nomad	1998-2001		444-4230B/C	444-4232B/C	444-4233B/C	444-4221B/C*		
VN1500 Vulcan Nomad FI	2000-2004		444-4230B/C	444-4232B/C	444-4233B/C	444-4221B/C*		
VN1500 Vulcan/SE/L	1987-1999				444-4214B/C	444-4218B/C*		
VN1600 Mean Streak	2004-2008			444-4240B/C	444-4241B/C	444-4242B/C	444-4243B/C*	
VN1600 Vulcan Classic	2003-2008		444-4230B/C	444-4232B/C	444-4233B/C			
VN1600 Vulcan Nomad	2005-2008		444-4230B/C	444-4232B/C	444-4233B/C			
LAVERDA								
350	1979-1985							
500	1979-1985							
500 Zeta	1973-1979							
750	1970-1980							
750	1972-1975							
750	1972-1982							
750SF	1973-1979							
1000	1970-1980							
1000	1972-1982							
1000 RGS/RGA	1982-1985							
1000 SFC	1985-1988							
MOTO GIUZZI								
500V50	1979-1983							
V65 Lario	1984-1988							
V7	1969-1983							
750GT	1983-1983							
850	1972-1975							
850	1972-1982							
T3, T4, 850/850LM	1976-1983							
T5	1983-1988							
California 1000	1976-1982							
1000LM	1983-1994							
1000SP	1976-1983							
NORTON								
850 Commando MK2	1974-1978							
Rotary Commander	1988-1994							
SUZUKI								
GT185	1972-1977							
GT250	1972-1977							
GN250	1987-1995							
GS250	1981-1982							
GSX250	1980-1984							
GS300	1983-1983							
SP370	1978-1979							
GN400	1980-1982							
GS400	1977-1978							
GS400	1980-1985							
GSX400	1980-1985							
GSX400S	1993-1993							
SP400	1980-1980							
GS425	1979-1979							
GS450	1980-1983							
GSS500	1978-1983							
GSS550	1977-1978							
GSS550	1979-1980							
GSS550	1981-1982							
GS650E	1981-1981							
GS650G (Shaft)	1981-1983							
GS650GL	1981-1983							
GS650L	1980-1982							

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			412-4236C	412-4238C		412-4214C	412-4218C* 412-4212C 412-4212C		412-4220C
	412-4231C		412-4236C 412-4230C	412-4238C		412-4214C*	412-4212C 412-4212C 412-4224C 412-4222C	412-4215C	412-4226C
			412-4230C 412-4230C 412-4230C	412-4234C* 412-4234C 412-4234C		412-4219C	412-4221C*	412-4223C	
			412-4230C 412-4230C 412-4230C	412-4234C 412-4234C 412-4234C		412-4206C			
						412-4206C 412-4206C 412-4206C	412-4210C		
	412-4233C		412-4201C	412-4228C		412-4206C	412-4210C 412-4210C 412-4211C 412-4211C 412-4211C 412-4211C 412-4211C 412-4211C 412-4211C	412-4217C*	
	412-4233C 412-4233C		412-4201C 412-4201C	412-4228C 412-4228C		412-4206C 412-4207C* 412-4207C*	412-4211C		
	412-4233C 412-4233C		412-4201C 412-4201C	412-4228C 412-4228C		412-4206C 412-4207C 412-4207C	412-4212C 412-4212C	412-4215C* 412-4215C* 412-4215C	
	412-4231C		412-4230C 412-4230C 412-4230C 412-4230C 412-4236C	412-4243C 412-4234C 412-4234C 412-4234C 412-4234C 412-4238C 412-4243C		412-4244C 412-4219C* 412-4219C 412-4219C 412-4219C 412-4214C 412-4244C	412-4221C 412-4221C 412-4245C 412-4221C* 412-4221C* 412-4221C* 412-4218C* 412-4245C	412-4246C*	
	412-4231C 412-4231C		412-4230C 412-4230C	412-4234C 412-4234C		412-4219C 412-4219C	412-4221C 412-4221C	412-4246C*	
							412-4211C 412-4211C	412-4217C	412-4220C
							412-4211C 412-4211C	412-4217C	412-4220C
							412-4211C		412-4220C 412-4220C
						412-4206C		412-4215C	
							412-4212C 412-4212C 412-4211C 412-4211C	412-4215C 412-4215C	
							412-4212C	412-4215C	
							412-4212C	412-4215C	
						412-4206C 412-4206C	412-4210C		
						412-4206C	412-4210C 412-4211C	412-4217C	
						412-4206C	412-4211C 412-4211C		412-4220C
							412-4211C 412-4211C		412-4220C 412-4220C
						412-4206C	412-4211C 412-4211C	412-4217C	
							412-4211C 412-4211C		412-4220C
						412-4207C	412-4211C 412-4211C	412-4217C	
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CUSTOM LENGTHS WITH STANDARD DUTY SPRINGS

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MODEL	YEAR	444 HD 11"	444 HD 11.5"	444 HD 12"	444 HD 12.5"	444 HD 13"	444 HD 13.5"	444 SHD 13"	
VS700 Intruder	1985-1987				444-4214B/C*				
VS750 Intruder	1988-1991				444-4214B/C*				
GS850G	1979-1983								
GT380	1972-1977								
GT500	1972-1977								
GT550	1972-1977								
GS1000G	1980-1981								
GS1100G	1982-1984								
GS1100GK	1982-1984								
GS1100L	1982-1983								
VS1400 Intruder/Blvd.S83	1987-2009				444-4214B/C	444-4218B/C*			
VS800 Intruder/Blvd.S50	1992-2009				444-4214B/C*				
VZ1600 Marauder/Blvd.M95	2004-2005			444-4240B/C	444-4241B/C	444-4242B/C	444-4243B/C*		
TRIUMPH									
T100	1971-1974								
T100	2002-2016				444-4209B/C	444-4213B/C	444-4244B/C*		
T120	1970-1972								
TR120	1972-1973								
T140	1973-1983								
TR6	1971-1972								
Bonneville	2001-2015				444-4209B/C				
Bonneville	2001-2010					444-4213B/C	444-4244B/C*		
Bonneville	2011-2015					444-4213B/C*	444-4244B/C		
Bonneville America	2002-2014								
Bonneville New Church	2015-2015				444-4209B/C	444-4213B/C	444-4244B/C*		
Bonneville SE	2009-2014				444-4209B/C	444-4213B/C*	444-4244B/C		
Bonneville Speedmaster	2003-2014								
ThruXton 900	2004-2016								
Rocket III	2004-2009		444-4230B/C	444-4232B/C	444-4233B/C*	444-4221B/C			
Rocket III - Classic	2006-2009		444-4230B/C	444-4232B/C	444-4233B/C*	444-4221B/C			
Rocket III - Roadster	2010-2014		444-4230B/C	444-4232B/C	444-4233B/C*	444-4221B/C			
Rocket III - Touring	2008-2014		444-4230B/C	444-4232B/C	444-4233B/C*	444-4221B/C			
YAMAHA									
SR250	1977-1995								
RD350	1973-1978								
XS360	1977-1981								
SRX400	1986-1989								
XJR400	1993-1993								
XS400	1980-1981								
XS400Twin Shock	1978-1983								
XS400SE	1977-1984								
SR500	1978-1983								
535 Virago	1987-2000	444-4235B/C	444-4201B/C	444-4228B/C	444-4207B/C				
550 Maxim	1981-1983								
550 Seca	1981-1983								
XS650Twin	1975-1976								
XS650Twin	1977-1983								
700 Virago	1984-1987					444-4214B/C			
FZ700 Fazer	1986-1987								
750 Maxim	1981-1983								
750 Virago	1988-1997					444-4214B/C			
XS750	1980-1982								
XS850Std (Triple)	1980-1981								
XS850S Special (Triple)	1980-1981								
XS750 Special (Triple)	1978-1979								
V-Max 1200	1985-1992					444-4214B/C	444-4218B/C*		
V-Max 1200	1993-2007					444-4214B/C	444-4218B/C*		
XJ400	1980-1984								
YX600 Radian	1986-1990								
XJ650 Maxim	1980-1983								
XJ650 Seca	1982-1983								
XJ650 Turbo	1982-1983								
XJ700X Maxim	1985-1986								
XJ750	1982-1984								
XJ750 Seca	1981-1983								
XJ900	1984-1984								
XJ900 Seca	1983-1983								
1000 Virago	1984-1985					444-4214B/C			
1000 Virago	1986-1988								
1100 Maxim	1982-1982								
1100 Virago	1986-1999					444-4214B/C			
XS1100 Special	1979-1981								
XS1100 Std	1978-1981								

APPLICATION NOTES

- 00 - A Heavy Duty application is also available for this model Standard=bike as sold new (excluding any bolt-on accessories), rider weight under 200 lbs., limited passenger use. Heavy Duty=additional add-on accessories, rider over 200 lbs., passenger use
- 01 - Stock spacer may be shortened to fit.
- 02 - Chain drive 920 and European model require a 1.50" spacer.
- 03 - Spacers are not included. They may easily be fabricated from aluminum or PVC pipe.
- 04 - Triumph Damper Rod Kit available. Order #31-5050.
- 05 - Spacer required is furnished with springs.
- 06 - Left hand fork: Remove and discard stock spacer and use 3.5" spacer supplied. Right hand fork: Shorten stock spacer to 4.2".
- 07 - Install new spacer (1.75" PVC) below stock metal spacer to allow adjustable cap to function.
- 08 - Reuse the stock spacer.
- 09 - Remove and discard the stock spacer.
- 10 - No spacer is required.
- 11 - Some leading axles require spacer. See note 3.
- 12 - ** OBSOLETE **
- 13 - Spacer length must be calculated according to the instructions included with the fork springs.
- 14 - Improved damper rod kit available. Order #31-5052.
- 15 - Improved damper rod kit available. Order #31-5051.
- 16 - ** OBSOLETE ** - Optional 43mm springs available depending on rider weight, riding style, etc: 11-1143MX (Light) 19-23 lb progressive rate
- 17 - If a bike is not listed, refer to off road fork springs listed below. Generally our fork springs will fit the forks with the same millimeter, but there are exceptions. The inner diameter of the forks must be at least .5 mm larger than the diameter of
- 18 - Cut the included spacer to length indicated.
- 19 - You must add a spacer (length indicated) to spacer furnished with springs or make a spacer that is the same length as the two combined.
- 20 - This particular bike has two different fork legs. The left fork leg requires the stock fork spacer to be shortened to 3.25". The right fork leg requires the stock spacer to be removed and discarded. No spacer is needed in the right fork leg. ABS mode
- 21 - Left hand fork: Cut spacer to 6.75" long (remove 1.0"). Right hand fork: Cut spacer to 2.63" long (remove 1.0").
- 22 - Fork lowering kit only lowers forks 1.0" inch.
- 23 - P/N #31-3002 - Adjustable Sway-Bar Clamp Kit - not for use on "S" model.
- 24 - 31-2502 & 31-2504 MonoTubes Kits NOT for FLSTF models
- 25 - 11-1549 Fork Spring Kit lowers front ride height approximately 20mm to achieve optimum ride sag and front end cornering grip.
- 26 - MonoTubes fork kits with longer than stock travel may require longer brake line(s).
- 27 - Shock 435-1003 lowers R1100GS & R1150GS approximately 20mm, and lowers R1150GSA approximately 40mm.
- 28 - Fork Spring kit listed is not for use on FLHRSE CVO Road King model.
- 29 - Shock 435-1002 lowers R1150GSA approximately 20mm.
- 30 - Shock 435-1004 raises R1150GS approximately 20mm.
- 31 - Fork Spring kit listed is not for use on FLHR, FLHRC, FLHRSE Road King models.
- 32 - When installing this Fork Spring kit NEVER ADD TOO MUCH FLUID RESULTING IN A MEASUREMENT LESS THAN 180mm (7.09") - measured from the top edge of the fork tube with the spring removed and the fork completely collapsed.

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			412-4236C 412-4236C	412-4238C 412-4238C		412-4214C* 412-4214C* 412-4206C 412-4206C 412-4206C	412-4212C 412-4212C 412-4212C		
			412-4236C 412-4236C	412-4238C 412-4238C 412-4243C		412-4214C 412-4214C* 412-4244C	412-4212C* 412-4218C* 412-4245C	412-4246C*	
						412-4209C 412-4206C 412-4206C 412-4209C 412-4252C*	412-4211C 412-4248C 412-4211C 412-4248C 412-4248C* 412-4248C 412-4248C*	412-4255C* 412-4255C* 412-4255C	
			412-4230C 412-4230C 412-4230C 412-4230C	412-4234C 412-4234C 412-4234C 412-4234C		412-4219C* 412-4219C* 412-4219C* 412-4219C*	412-4221C 412-4221C 412-4221C 412-4221C	412-4255C* 412-4255C	412-4058B/C
						412-4205C 412-4205C 412-4206C 412-4207C 412-4206C 412-4205C 412-4207C 412-4206C 412-4206C	412-4210C 412-4210C 412-4210C 412-4211C 412-4211C		
	412-4233C		412-4201C	412-4228C					
			412-4236C	412-4238C		412-4214C 412-4214C 412-4207C 412-4214C 412-4207C 412-4214C 412-4214C			
			412-4236C	412-4238C		412-4214C 412-4214C 412-4207C 412-4214C 412-4214C	412-4218C* 412-4218C*		
			412-4236C 412-4236C	412-4238C 412-4238C		412-4214C 412-4214C 412-4206C 412-4207C 412-4206C 412-4206C 412-4206C	412-4218C 412-4211C		
			412-4236C	412-4238C		412-4207C 412-4214C 412-4214C 412-4207C 412-4214C 412-4214C			
			412-4236C	412-4238C		412-4214C 412-4214C 412-4207C 412-4214C 412-4214C			

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APPLICATION NOTES CONT.

- 33 - Recommended Fork Oil viscosity with these Fork Spring Kits is 20WT for 2015 & 2016 models and 10WT for 2017 & LATER model SCOUT / SCOUT SIXTY.
- 34 - 31-4007 for FLHTKL model provides for both STANDARD and 1" LOWER RIDE HEIGHTS
- R01 - Travel limiters required: .25". Order #30-5013
- R02 - Travel limiters required: .50". Order #30-5014
- R03 - Travel limiters required: .75". Order #30-5015
- R04 - The shock recommended is slightly longer than stock. This may alter the head angle slightly and give somewhat quicker steering. Extended clearances should be checked as well.
- R05 - The shock recommended is slightly shorter than stock. This may alter the head angle slightly and give somewhat slower steering.
- R06 - See Air Shock Improvement Kits A and B.
- R07 - Optional "Super Heavy Duty" spring is available, for the 12 Series, order #03-1364B/C. The air shock recommended is for a full dress touring motorcycle, use the "Sport Tuned" model for a standard motorcycle without touring equipment.
- R08 - Special shock may be ordered direct from Progressive Suspension.
- R09 - Suzuki and Kawasaki equipped with air compressors require an adaptor. Order #30-5086.
- R10 - Honda with air compressors require an adaptor. Order #30-5082.
- R11 - K Models: 412-4015B is standard length 14.00" E/E. Also available in 3/4 inch shorter than standard, 412-4016B 13.25" E/E. 420-1001 is standard length 14.00" E/E.
- R12 - 20 Series single shock for Honda G1650 Hawk sold w/out spring, reuse OEM stock spring.
- R13 - Check tire to fender clearance. If tire to fender clearance is insufficient, travel limiters are available.
- R14 - The stock length shock on a 93-07 FXD/FXD/L/FXD/WG is 12.5/8". Installing 11.50" OR SHORTER shocks on the FXDWG requires modification to the fender.
- R15 - Stock length on a FXDS-Conv./FXDX is 13.0". Shorter lengths will lower the motorcycle.
- R16 - Approximate stock shock length is 11.75".
- R17 - Use #5011-038 sleeve kit.
- R18 - Rear spring listed is a replacement for the stock OEM spring fitted to the stock OEM shock absorber only, not for use on 20 Series shock absorber.
- R19 - The spring listed will fit stock OEM shock absorber as well as the 420 Series shock absorber, but please note that part number listed for 420 Series includes spring installed.
- R20 - Requires shock body sleeve. Order #5033-001.
- R21 - 415 Series shocks have been discontinued by Progressive Suspension. When stock is depleted from the manufacturer and distributor inventory, 415 shocks will no longer be available. However, the new 420 aluminum body shock is being built and inventoried.
- R22 - Yamaha V-Star 650: 420-1034 (Standard Length) 420-1035 (Lowers Rear 1")
- R23 - Yamaha Road Star: 420-1039 (Standard Length) 420-1040 (Lowers Rear 1")
- R24 - Honda ST1100: 420-1028 (Standard Length) 420-1038 (Lowers Rear 1")
- R25 - Adjustable mount kit p/n 30-5046C is available to fit stock and non-adjustable length 413 Series rear shocks.
- R26 - BMW 90-92 K100RS & 93-95 K100RS/LT/RS/LTA: 420-1019 (Standard Length) 420-1042 (Lowers Rear 1")
- R27 - Suzuki 1200 Bandit: 420-1043 (Heavy duty rear shock for heavy weight applications.)
- R28 - Requires sleeve kit, part #5011-048 to install shocks, available from Progressive Suspension. Stock shock length is 13.3". Shorter lengths lower the motorcycle.
- R29 - Kawasaki KLR 650: 420-1030 (Standard Length) 420-1044 (Lowers Rear 1")
- R30 - Victory V92C: 420-1046 (Standard Length) 420-1047 (Lowers Rear 1")
- R31 - Stock shock length is 12.25"

*Prices are subject to change without notice



APPLICATION NOTES

- R32 - Kawasaki VN 800 Vulcan: 420-1048 (Standard Length) 420-1049 (Lowers Rear 1")
R33 - Stock shock length is 12.12"
R34 - ** OBSOLETE ** Progressive Suspension tool #32-5509 is recommended for rear spring installation on both stock and 460 series shocks.
R35 - Yamaha V-Star 1100/Custom: 420-1051 (Standard Length) 420-1052 (Lowers Rear 1")
R36 - Compressor kits 30-5101 & 30-5114, and control kit 30-5111 will not fit Deuce models.
R37 - Stock shock length is 12.75"
R38 - Kawasaki ZG1000 420-1055 (Heavy duty rear shock for heavy weight applications.)
R39 - Kawasaki VN1600 Vulcan Classic & Nomad requires # 5011-054 spacer kit to install shocks (does not apply to 812 Series). Available from Progressive Suspension or 14mm I.D. flat washers could be substituted.
R40 - FLHRS/FLHX stock shock length is 12.00"
R41 - ** OBSOLETE ** Stock shock length is 14.30" (418-1011B/C length is 13.50")
R42 - Honda VTX1800 C and F models require replacing top shock mounting studs to install Progressive Suspension shocks. Order two # 52452-MCH-000 ("Rear Cushion Bolts") from your Honda Dealer.
R43 - 722-1002 uses 30-5101 Compressor Kit
R44 - GSFI200SA model (w/anti-lock) requires Suzuki part numbers 09103-10101 and 08319-31107 for shock installation.
R45 - Shocks longer than recommended stock length may cause Axle/Shock/Swing arm to come in contact with exhaust system. Check clearances.
R46 - Adjustable mount kit p/n 30-5048C is available to fit non-adjustable length 413 Series and stock rear shocks - EXCEPT Harley p/n 54549-04 (with 6.5" can).
R47 - LED Cover Kits are for 412 & 812 Series Shocks only
R48 - Flame Cover kit #30-5054CF fits only 412-4013B/C, 412-4030B/C, 412-4035B/C, 412-4037B/C, 412-4045B/C as well as all 812 series.
R49 - Flame Cover kit #30-5055CF fits only 412-4050B/C, 412-4069B/C, 412-4080B/C as well as all 812 series.
R50 - Flame Cover kit #30-5056CF fits only 412-4006B/C, 412-4007B/C, 412-4011B/C, 412-4063B/C, 412-4064B/C, 412-4066B/C, 412-4074B/C, 412-4075B/C as well as all 812 series.
R51 - Flame Cover kit #30-5057CF fits only 412-4005B/C and 412-4062B/C as well as all 812 series.
R52 - 716-1001C Air Dragger shocks will require 30-5087 Connection Kit on 80-96 FLH/FLI.
R53 - FLHX, FLTRSE, & FLTRX stock shock length is 12.00"
R54 - Chain-guard modification is required for shock clearance.
R55 - Baloney & Double Cut Cover kits #30-5050CBC/CDC fits only 412-4013B/C, 412-4030B/C, 412-4035B/C, 412-4037B/C and 412-4065B/C as well as all 812 series.
R56 - Baloney & Double Cut Cover kits #30-5051CBC/CDC fits only 412-4050B/C, and 412-4080B/C as well as all 812 series.
R57 - Baloney & Double Cut Cover kits #30-5052CBC/CDC fits only 412-4006B/C, 412-4011B/C, 412-4074B/C and 412-4075B/C as well as all 812 series.
R58 - Baloney & Double Cut Cover kits #30-5053CBC/CDC fits only 412-4005B/C as well as all 812 series.
R59 - Vintage applications where 8mm sleeves are required need to order kit 5011-038.
R60 - Stock shock length is 13.88"
R61 - Standard factory length on this model varied between two length shocks. Check which length shock came stock on your bike to determine your standard length - long or short.
R62 - Air/fail compressor systems will NOT fit on models equipped with rear ABS.
R63 - 30-2500 RAP adjuster upgrade must be used with the proper spring. Check your shock, if it does not have either a 01-1005 or 01-1003 spring you must order the proper RAP adjuster w/SPRING kit.
R64 - 30-2501 RAP adjuster upgrade must be used with the proper spring. If your shock does not have a 01-1002 spring on it you must order the proper RAP adjuster w/SPRING kit.
R65 - 30-2503 RAP adjuster upgrade must be used with the proper spring. Check your shock, if it does not have either a 01-1004 or 01-1005 spring you must order the proper RAP adjuster w/SPRING kit.
R66 - 30-2504 RAP adjuster upgrade must be used with the proper spring. If your shock does not have a 01-1006 spring on it you must order the proper RAP adjuster w/SPRING kit.
R67 - 30-2507 RAP adjuster upgrade must be used with the proper spring. If your shock does not have a 01-1002 spring on it you must order the proper RAP adjuster w/SPRING kit.
R68 - Shock 465-5026 lowers R1150GSA approximately 20mm.
R69 - Shock 465-5025 raises R1150GS approximately 20mm.
R70 - Stock shock length is 14.00"
R71 - Shock 435-1002 lowers R1150GSA approximately 20mm.
R72 - Shock 465-5824 lowers R1100GS & R1150GS approximately 20mm, and lowers R1150GSA approximately 40mm.
R73 - Shock 435-1004 raises R1150GS approximately 20mm.
R74 - Shock 428-1001 lowers EX650 approximately 1" at the rear axle.
R75 - Part number 30-2001 not applicable with Stock Exhaust Header Pipe Assembly.
R76 - RAP shock installation requires modification or removal of the Under Cover.
R77 - Applications listed here are NOT for the XVS95CEV-Star 950 Bolt model.
R78 - The included RAP adjuster mounting bracket is NOT compatible with the passenger floor-boards on the VN2000 "Classic Limited" model, and will require fabricating a new bracket or converting to the passenger foot-pegs found on the other VN2000 models.
R79 - FLSTC "Heritage Classic" & FLSTS "Heritage Springer" models with Saddlebags will need to replace the stock saddlebag lower front supports (p/n 90346-00) with Harley Davidson's Saddlebag Bracket Relocation kit 90238-00 (or similar) to gain the needed
R80 - The recommend shock is shorter than stock and will lower the bike approximately 24mm.
R81 - The shock recommended is slightly longer than stock by design to offer optimum ground clearance, ride quality, and handling. The use of lowering or lifting blocks on Progressive Suspension shocks is not recommended. Use of a lowering or lifting kit
R82 - The SUPER DUTY shock you have chosen is tuned to maximize ride quality of your bike while fully loaded - HOWEVER never exceed the factory recommended maximum added weight (net weight of accessories, cargo, riding gear, passenger, and rider) allowed
R83 - Shock set shown is for the FRONT of the ATV
R84 - For this bike the RAP Adjuster can only be mounted under the seat. Unless you also install alternate OE right side panel, bracket and are using a forward swept rear exhaust header pipe that provides sufficient clearance to install the RAP Adjuster.
TUV - Some or all shocks listed have TUV approval. Refer to the most recent TUV certificate for current listing.

CROSS REFERENCE & PRICING GUIDE

Table with 12 columns: MFR#, VL#, RETAIL, MFR#, VL#, RETAIL, MFR#, VL#, RETAIL, MFR#, VL#, RETAIL. It lists various motorcycle parts and their prices across different models.

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