

APRILIA		
Dorsoduro 750	09-14	S40
Dorsoduro 1200	09-13	S40
ETV 1000 CapoNord	03-08	2158
Mana 850	08-14	S40
Pegaso 650	99-12	2151
RSV Mille	99-04	2158
RSV Mille R	00-03	2158
RSV 1000R & Factory *2.75" length	04-10	2158
RSV 1000R & Factory *3.75" (using extended filter cover)	04-10	S27
RSV Tuono	02-05	2158
RSV Tuono Factory	04-05	2158
RSV4 & RSV4R	09-14	S2
RST 1000 Futura	01-06	2158
Shiver 750	07-14	S40
SL 1000 Falco	00-08	2158
SXV 450	07-10	2160
SXV 550	07-12	2160
Tuono 1000R / Factory *2.75" length	06-10	2158
Tuono 1000R / Factory *3.75" (using extened filter cover)	06-10	S27
Tuono V4	11-14	S2
OE# 0256187 *2.5" length		2158
OE# 0956745 *3.5" length using extended filter cover		S27

Updated:
5/14/2015

BMW		
C600S	13-14	S40
C650GT	13-14	S40
F650 (single cylinder)	97-07	2151
F650 (twin cylinder)	08-12	S40
F700GS	13-14	S40
F800 (twin cylinder)	06-14	S40
G450X	09-13	2170
G650 (single cylinder)	09-14	2151
HP2 Enduro Megamoto Sport	06-09	S40
HP2 Sport (can also use S4)	09-11	S40
HP4 1000 (can also use S4)	13-14	S40
K1	89-94	S4
K75	85-97	S4
K100	83-94	S4
K1100	90-99	S4
K1200	99-04	N/A
K1300 (no GT fitment)	09-14	S40
K1600 GT / GTL	11-14	N/A
R80 w/oil cooler	90-91	S8
R100 w/oil cooler	76-84	S8
R100 PD	90-91	S8
R100 RS,RT	86	S8
R100 R	91-95	S8
R850	94-97	S4
R1100	93-05	S40
R1150	00-06	S40
R1200	99-14	S40
R1200 GS, RT	05-14	S40
R Nine T	2014	S4

S1000 RR	10-15	S40
OE# 845	spin-on	S4
OE# 572 NLA	short 1pc	S7 NLA
OE# 570 NLA	short 2pc	S7 NLA
OE# 575	long 2pc	S8

CAN AM		
Spyder	09-14	S27

BUELL		
1125R	08-10	S27
Blast	00-09	S9
M2 Cyclone	97-02	S4
S3 Thunderbolt	95-02	S4
X1 Lightning	96-02	S4
XB9R Firebolt	02-07	S9
XB9S Lightning	03-08	S9
XB12R Firebolt	04-10	S9
XB12S Lightning	04-10	S9
XB12X Ulysses	06-10	S9

DUCATI		
600 Monster	98-01	S5
620 Monster	01-06	S5
620 Multistrada	05-06	S5
620 Sport	2003	S5
695 Monster	2007	S5
696 Monster	08-14	S5
748	94-03	S5
749	03-06	S5
750	1997	S5
750 Monster	98-02	S5
750 Sport	88-90, 01-02	S5
750 SS	00-02	S5
796 Hypermotard	10-12	S5
796 Monster	11-14	S5
800 Monster	03-04	S5
800 Monster S2R	05-07	S5
800 SS	03, 06-07	S5
800 Sport	2003	S5
821 Hypermotard	13-14	S5
821 Hyperstrada	13-14	S5
848	12-14	S5
851 Sport	90-92	S5
888 Ltd / SPO	93-94	S5
E900 Dual Sport	94-95	S5
900	1997	S5
900 CR	94-98	S5
900 E	2001	S5
900 FE	1998	S5
900 Monster	99-02	S5
900 SP	2002	S5
900 Sport	2002	S5

900 SS	98,01-02	S5
900 Superlight	91-97	S5
906 Paseo	88-91	S5
907 ie / Paseo	90-93	S5
916	95-98	S5
916 Monster S4	01-03	S5
996	98-01	S5
996 Monster S4R	2006	S5
998	02-03	S5
998 Monster S4R /S4Rs	2008	S5
999	03-06	S5
GT 1000	07-10	S5
1000 Monster S2R	06-08	S5
1000 DS Multistrada	03-04	S5
1000 Desmosedici RR	2008	S5
1000 Sport Classic	06-10	S5
1000 Supersport	03-06	S5
1098	07-08	S5
1098 Streetfighter/S	09-12	S5
1100 Hypemotard & EVO	08-12	S5
1100 Monster & EVO	09-14	S5
1100 Multistrada	07-09	S5
1200 Multistrada	10-13	S5
1198	10-14	S5
1199 Panigale	12-14	2175
1199 Panigale R	13-14	2175
1199 Panigale S	12-14	2175
1199 Panigale Tricolore	12-14	2175
Diavel	11-14	S5
ST2	97-03	S5
ST3	04-07	S5
ST4	99-05	S5

HARLEY DAVIDSON		
Dyna Evo	91-98	S4
Dyna Twin Cam	99-14	S4
Softail Evo	84-99	S4
Softail Twin Cam	00-14	S4
Sportster	85-14	S4
Touring Evo	82-98	S4
Touring Twin Cam	99-14	S4
Trike	10-14	S4
VRSC V-Rod / Muscle	02-14	S10
Various models "shorty"	80-86	S5
3/4 x 16 thread custom or remote mounts		S4
13/16 x 16 thread custom or remote mnts		S10
16mm thread custom or remote mounts		S5

HONDA		
CB 100C Custom	1983	S13
CB 350F Super Sport	72-74	S13
CB 400F CB-1	89-90	S1
CB 400F Super Sport	76-77	S13

CB 500	71-77	S13
CB 500	13-14	S1
CB 500X	13-14	S1
CB 550	74-80, 82-83	S13
CB 600F (599)	07-13	S1
CB 650	79-85	S13
CB 750	76-83	S13
CB 750 Nighthawk	91-03	S1
CB 900	80-82	S13
CB900F (919)	02-07	S1
CB 1000 Custom	94-95	S1
CB 1000 R	08-14	S1
CB 1100	13-14	S1
CB 1100F	1983	S13
CBR 250R	11-14	2147
CBR 500R	13-14	S1
CBR 600	87-06	S1
CBR 600RR	03-14	S1
CBR 650F	2014	S1
CBR 900RR	93-03	S1
CBR 929RR	00-01	S1
CBR 954	02-03	S1
CBR 1000F	87-96	S1
CBR 1000RR	04-14	S1
CBR 1100XX	97-03	S1
CBX 1050	79-82	S13
CTX 700, 700N	13-14	S1
DN 01 1680	2009	S1
FJS / FSC Silverwing	2001-14	S1
GL 1000 (G.W., Asp, Inters.)	76-79	S13
GL 1100 (G.W., Asp, Inters.)	80-83	S13
GL 1200 (G.W., Asp, Inters.)	84-87	S13
GL 1500 (G.W., Asp, Inters.)	88-00	S1
GL 1500 Valkyrie	97-03	S1
GL 1800 Gold Wing	01-14	S1
Gold Wing Valkyrie	2014	S1
NC 700X	2014	S1
NT 650	88-91	S1
NT 700 (Deauville)	06-13	S1
NRX1800 Rune	04-05	S1
PC 800 Pacific Coast	88-90,94-98	S1
RVT 1000R (RC 51)	01-07	S1
ST 1100	91-03	S1
ST 1300	09-14	S1
VF 750 Magna	82-83,88,94-03	S1
VF 782 Interceptor (European)	2014	S1
VF 1000 Interceptor	84-86	S1
VF 1100 Magna	83-86	S1
VFR 750F	86, 90-97	S1
VFR 800F (interceptor)	98-13	S1
VFR 1200F	10-14	S1
VT 600 (Shadow)	88-07	S1
VT 750 (Shadow)	97-14	S1
VT 1100 (Shadow)	89-07	S1
VT 1300 (Sabre, Stateline, Interstate)	10-14	S1

VT 1300 CX Fury	10-14	S1
VTR 1000F Super Hawk	98-06	S1
VTX 1300	03-10	S1
VTX 1800	02-08	S1
XL 600V Transalp	89-90	S1
XR 650L	93-14	2147
O.E. #15410-MM9-013; MCJ, MJO-405		S1
O.E. #.15412-300-024		S13

INDIAN		
Indian	99-03	S4
Indian	2014	S1

KAWASAKI		
700 LTD	84-85	S13
EL 250 Eliminator	88-93	S13
EN 500 Vulcan	90-09	S1
ER 6N	09-13	S1
EX 250 Ninja	87-12	S13
EX 300 Ninja	13-14	S1
EX 500 Ninja	94-09	S1
EX 650 Ninja / R	06-14	S1
KLX 250 S/F	07-14	2147
KLR 650	87-14	2148
KZ 650	77-83	S13
KZ 700	1984	S13
KZ 750 (2 cylinder)	76-84	S23
KZ 750 (4 cylinder)	80-83	S13
KZ 900	76-77	S23
KZ 1000	77-80	S23
KZ 1000	81-97	S13
KZ 1000P Police	83-02	S13
KZ 1300	1981	S23
Ninja 636	13-14	S1
Versys 750	08-14	S1
Versys 1000	08-14	S1
VN 750 Vulcan	86-06	S1
VN 800 Vulcan	95-06	S1
VN 900 Vulcan	06-14	S1
VN 1500 Vulcan(*see next line)	87-06	S1
*replaces Vulcan factory recall kit #999990032		
VN 1600 Vulcan	03-09	S1
VN 1700 Vulcan	09-14	S1
VN 2000 Vulcan	04-09	S1
W 650 Retro	00-02	S1
Z 750S	05-07	S1
Z 1000	03-14	S1
Z1 900	73-75	S23
ZG 1000 Concours	86-06	S13
ZG 1200 Voyager	86-03	S13
ZG 1400 Concours	08-14	S1
ZL 600 Eliminator	86-87, 96-97	S13

ZL 900 Eliminator	85-86	S13
ZL1000 Eliminator	1987	S13
ZR 550 Zephyr	90-93	S13
ZR 750 Zephyr	91-93	S13
ZR 1100	92-95	S13
ZR 7	2000	S13
ZR 7S	01-03	S13
ZRX 1100	99-00	S13
ZRX 1200	01-05	S13
ZX 550GPZ	84-86	S13
ZX 600 Ninja R	85-97	S13
ZX 6	90-02	S1
ZX 6R / RR	95-14	S1
ZX 750 GPZ	83-85	S13
ZX 750F Ninja	87-90	S13
ZX 750 Ninja, 750L	91-02	S1
ZX 7	89-99	S1
ZX 7R	91-03	S1
ZX 7RR	1996	S1
ZX 900 Ninja	84-86	S13
ZX 1000 Ninja	11-14	S1
ZX 9R Ninja	94-03	S1
ZX 10R	04-14	S1
ZX 11	90-01	S13
ZX 1100 GPZ	95-96	S13
ZX 12 R	00-05	S1
ZX 14 R	06-14	S1
ZZR 600	03-08	S1
ZZR 1200	02-05	S13
O.E. #16097-1063,1070,1068		S1
O.E. #16099-003		S13

KTM		
LC4 Duke/ Adv / Smc / 620-640cc	99-07	
Lower engine filter, right side		2149
Spin on filter on front of frame		S1
<hr/>		
690: Duke / Enduro / Sm / Smc	08-11	
filter located on left side of bike		2149
filter located on right side of bike		2155
690: Duke	14-15	
filter located on left side of motor		2149
filter located on right side of motor		2174
<hr/>		
690 Enduro / Smc	12-15	
filter located on left side of motor		2149
filter located on right side of motor		2174
<hr/>		
950 / 990 Adventure	04-13	2161
950 / 990 Super Duke	05-12	2161
950 / 990 SM / SMR / SMT	05-12	2161
1190 RC8	09-14	2161
1190 Adventure & Adventure R	13-15	2161
1290 Super Duke	13-15	2161

LAVERDA		
S4 requires oil cooler bkt mods		S40

MOTO GUZZI		
V11's (1100cc)	94-10	S4
V12's (1200cc)	10-14	S4
OE# GU30153000, UFI 2328700		S4
Fram PH6022, PH3614, HF551		S4

MOTO MORINI		
requires cust fitment mods	2014	S77

MV Agusta Brutale		
Brutale 750	03-05	S1
Brutale 910	06-08	S1
Brutale 990	2010	N/A
Brutale 1078	2009	S1
Brutale 1090	2010	N/A
F4 750	03-04	S1
F4 1000	05-08	S1
F4 1000	10-12	2176
F4 1078	2009	S1
OEM # 8000B1552 (tight fit may need band wrench)		S1

MZ		
1000	all	S4
OEM # 90-17-254		

Norton		
Commando (OEM #06-3371) 16mm x 1.5	all	S5

SUZUKI		
B-King	08-09	S2
C50	05-14	S2
C90	05-09, 13-14	S2
C109	08-09	S2
DL650 V-Strom	04-14	S2
DL1000 V-Strom	02-14	S2
DR 650	90-14	2169
DRZ 250s	00-12	2152
DRZ400S & SM	00-14	2154
GS 250,300,400,425,450	77-88	S22
GS 500	89-00	S22
GS 550	77-86	S22
GS 650	81-83	S22
GS 700	1985	S22
GS 750	77-83	S22
GS 1000	78-82	S22
GS 1100	80-84	S22
GS 1150	84-86	S22

GSF 600S Bandit	96-03	S2
GSF 1200 Bandit	97-05	S2
GSF 1250 Bandit	07-10	S2
GSX 600F Katana	88-06	S2
GSX 650F	08-10	S2
GSX 750F Katana	89-06	S2
GSX 1100F Katana	88-93	S2
GSX 1250F Katana	11-14	S2
GSX 1300R Hayabusa	99-14	S2
GSX 1400	01-08	S2
GSXR 600	92-14	S2
GSXR 750	85-87	S2
GSXR 750	86-14	S2
GSXR 1000	01-14	S2
GSXR 1100	86-98	S2
GV 1400 Cavalcade	87-88	S9
GZ250	2010	2152
RF 600R	94-96	S2
RF 900R	94-97	S2
M50	05-14	S2
M90	09-14	S2
M95	2005	S2
M109R	06-14	S2
N85 Turbo	1985	S22
S40	05-14	S2
S50	05-10	S2
S83	05-09	S2
SFV 650 Gladius	09-10	S2
SV 650 & SV 650S	99-13	S2
SV1000 & SV1000S	03-07	S2
TL 1000 R	97-03	S2
TL 1000 S	97-01	S2
TU 250X	09-13	2152
VL 800 Volusia	01-04	S2
VL 1500 Intruder LC	98-04	S2
VS 700 Intruder	1987	S2
VS 750 Intruder	88-91	S2
VS 800 Intruder	92-04	S2
VS 1400 Intruder	87-04	S2
VX 800	90-93	S2
VZ 800 Marauder	97-02	S2
VZ 1600 Marauder	2004	S1
O.E. # 16510-06B00, 06B01, 16B01, 34E00		
O.E.# 16400-34B00		

TRIUMPH		
Adventurer 885	96-01	S13
America 790	03-06	S1
America 865	07-14	S1
Bonneville 790	01-06	S1
Bonneville 865	05-14	S1
Daytona 600	2004	S1
Daytona 650	2004	S1
Daytona 675	06-14	S1

Daytona 900	95-96	S13
Daytona 955	97-06	S1
Daytona 1200	95-97	S13
Legend TT 885	99-01	S13
Rocket III	04-14	S1
Scrambler	06-14	S1
Speed 4 599	02-06	S1
Speedmaster 790	03-06	S1
Speedmaster 865	07-14	S1
Speed Triple 675	2013	S1
Speed Triple 885	95-96	S13
Speed Triple 885	97-98	S1
Speed Triple 955	99-06	S1
Speed Triple 1050	07-14	S1
Sprint 885	95-97	S13
Sprint Executive 885	1998	S13
Sprint RS 955	00-03	S1
Sprint SS 885	95-98	S13
Sprint ST 955	99-06	S1
Sprint ST 1050	07-11	S1
Street Triple 675	08-14	S1
Super 3 885	95-96	S13
Thrupton 900	04-14	S1
Thunderbird 885	95-04	S13
Thunderbird 1600	10-14	S13
Tiger 800, 800XC	11-14	S1
Tiger 885	95-97	S13
Tiger 885	2000	S1
Tiger 955	01-06	S1
Tiger 1050	07-13	S1
Tiger 1200	13-14	S1
Trident 885	95-98	S13
Trophy 900	95-01	S13
Trophy 1200	95-04, 10-14	S13
TT 600	00-03	S1

VICTORY		
Boardwalk	13-14	S1
Cross Country	10-14	S1
Cross Roads	10-14	S1
Cruiser	99-05	S1
Hammer	05-14	S1
Jackpot	13-14	S1
Judge	10-14	S1
Kingpin	04-12	S1
Touring Cruiser	02-14	S1
Vegas	03-14	S1
Vision	08-14	S1

YAMAHA		
Bolt 942	2014	S1

FJ 1100	84-85	S13
FJ 1200	86-93	S13
FJR1300	03-14	S1
FZ1	01-14	S1
FZ6 / FZ6R	05-14	S1
FZ 700	86-87	S13
FZ 750	85-88	S13
FZ 800	11-14	S1
FZR 600	91-01	S1
FZR 750	87-88	S13
FZR 1000 Genesis	87-90	S13
FZR 1000	91-95	S1
GTS 1000	93-94	S1
SR/SRX 250/500/600	78-82	2165
TDM 850	92-93	2165
Tenere 660	09-11	2165
Super Tenere 1200	10-14	S1
TT 250/350/500/600	76-87	2165
VMX12 (V-Max)	96-07	S1
VMX17 (V-Max)	09-14	S1
WR250 R / X	09-14	2153
XC 180/200	87-91	2165
XJ 600 Seca II	92-99	S1
XT 250/350/500/550/600	76-95	2165
XV 1600	99-03, 13-14	S1
XV 1700	04-14	S1
XV 1900	06-14	S1
XV 19 Raider	08-14	S1
XV Virago (all)	81-00	2165
XVS25 V-star 250	98-14	2165
XVS65 V-star 650	98-14	2165
XVS95 V-star 950	98-14	2165
XVS11 V-star 1100	98-09	2165
XVS13 V-star 1300	98-14	S1
XVZ13 Royal Star / Venture	96-14	S1
YZF 600R	95-09, 13-14	S1
YZF 750	94-97	S1
YZF 1000	97-98	S1
YZF R3	15-16	S1
YZF R6	99-14	S1
YZF R1	98-14	S1
O.E. # 36Y-13441-00, 90		S13
O.E. #3FV-13440-00		S1