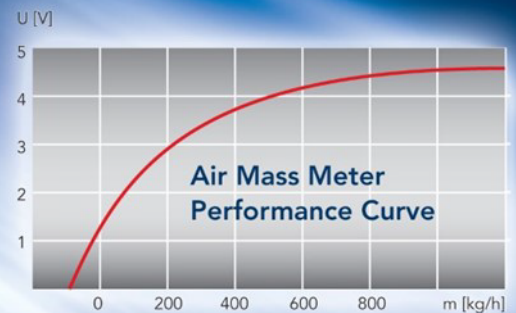


The perfect ones!



- BREMI air mass meters: 100% tested and manufactured to ISO/TS16949 standard
- Maximum precision and fast response times support optimum and clean combustion



OEM-Supplier for Generations!

AUDI, BENTLEY, BMW, MERCEDES & VOLKSWAGEN

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BREMI
PREMIUM CAR SYSTEMS

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(MAF Sensor Essentials)

Function:

Air Mass Sensors (MAF) measure the volume of air drawn into the engine and then converts this data to signals, which are transmitted to the Engine Control Unit (ECU). This data is used to determine the amount of fuel required for optimum combustion. In addition to data based on the volume of air, exact values are also transmitted for the intake air temperature, humidity, air density, as well as the engine load. These are all essential for controlling a clean, environmentally friendly combustion process.

Fault Codes & Diagnosis:

In some cases, no adverse conditions may be noticed by the driver. In other cases, there may be performance problems, such as a lack of power on acceleration, misfiring, trouble idling and diminished fuel economy.

For the entire system to work properly, all of the air entering an engines combustion chambers must be seen by the MAF sensor. This means that any vacuum or air leak (i.e. torn PCV hose, faulty PCV valve, torn Intake Air Boot, etc.) may cause the engine to run rich or lean and cause the engine light to illuminate.

- 1) Find and eliminate all external air or vacuum leaks and verify that the PCV valve is correctly installed and functioning properly.
- 2) The connector and the wiring at the Air Mass Sensor need to be checked for loose terminals, corrosion or damage.

Only after these steps have been completed should you direct your attention to the Air Mass Sensor itself.

After Replacing the MAF Sensor: The ECU must be reset to clear the old parameters and force the motor controller to accept the characteristic value of the new MAF Sensor. The fault memory codes must be deleted before performing a test drive. It may happen that the error code is reset by the control unit before the test drive. If this happens, the error code must be deleted again after the test drive.

Air Mass Sensors are Very Sensitive to Contamination:

Fault codes are commonly the result of the Air Flow Sensor and the sensing wire getting covered with dirt, dust or oil residue. Always make sure the Air Filter and its enclosure are dirt, dust and oil-free. To prevent the air mass meter from failing prematurely, it is necessary for the filters to be replaced at manufacturers' specified intervals. Cleaning the sensor is definitely not recommended as this usually results in damage to, or destruction of, the sensor.

BREMI Air Mass Sensors:

BREMI has been an original equipment manufacturer and after-market supplier of Ignition products for Generations. BreMI's strength lies in their ability to consistently provide industry leadership with innovative technology. Their Air Mass Sensors are manufactured under the same standards (ISO/TS16949) & continually optimized for fast response times resulting in a durable, high performance product that you can rely on!

BREMI performs 100% testing of their MAF sensors in accordance with the same testing criteria utilized by O.E. A video of this can be seen on our web site (www.KarlynSTI.com) by clicking on the "BREMI VIDEO" link.

KARLYN/STI

NEW BREMI MAF LINE

CY. APPLICATION NOTES YEAR KARLYN #

ACURA

ILX

L4	1.5 LTR.		13-15	30240
L4	2.0 LTR.		13-15	30240

MDX

V6	3.7 LTR.		07-15	30240
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RDX

L4	2.3 LTR.		07-15	30240
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RL

V6	3.7 LTR.		09-12	30240
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RLX

V6	3.5 LTR.		14-15	30240
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TL

V6	3.5 LTR.		09-14	30240
V6	3.7 LTR.		09-14	30240

TLX

L4	2.4 LTR.		2015	30240
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TSX

V6	3.5 LTR.		10-14	30240
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ZDX

V6	3.7 LTR.		10-13	30240
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AUDI

A3

L4	2.0 LTR.		06-07	30359
L4	2.0 LTR.	BPY Eng.	2008	30359
L4	2.0 LTR.		09-13	30345
L4	2.0 LTR. (CBFA & CCTA)		2008	30345

A3 QUATTRO

L4	2.0 LTR.		09-13	30345
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A4

L4	1.8 LTR.		01-06	30028
L4	1.8 LTR. (ATW)		2000	30339
L4	1.8 LTR. (AEB)	From Chassis #8D-W-040001	98-99	30027
L4	2.0 LTR. TURBO	VIN: F	05-06	30359
L4	2.0 LTR. TURBO		06-08	30359
L4	2.0 LTR. TURBO	Cabriolet	2009	30359

A4 QUATTRO

L4	1.8 LTR.		01-05	30028
L4	1.8 LTR. (ATW)		2000	30339
L4	1.8 LTR. (AEB)	From Chassis #8D-W-040001	98-00	30027
L4	2.0 LTR. TURBO	VIN: F	05-06	30359
L4	2.0 LTR. TURBO		06-08	30359
L4	2.0 LTR. TURBO	Cabriolet	2009	30359

CY. APPLICATION NOTES YEAR KARLYN #

AUDI - cont.

TT

L4	1.8 LTR.		02-06	30028
L4	1.8 LTR. (AWP)		2001	30028
L4	1.8 LTR. (ATC)		00-01	30339
L4	2.0 LTR.	BPY Eng.	08-09	30359
L4	2.0 LTR.		2009	30345

TT QUATTRO

L4	1.8 LTR. (AWP)		01-02	30028
L4	1.8 LTR.		2000	30339
L4	2.0 LTR.		09-10	30345

Q7

V8	4.2 LTR.	2 Required	07-10	30056
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BMW

128i

L6	3.0 LTR.		08-13	30246
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135i

L6	3.0 LTR.		11-13	30351
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135is

L6	3.0 LTR		2013	30351
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320i E46

L6	2.2 LTR. (M54)		01-03	30012
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323Ci/i E46

L6	2.5 LTR. (M52)		99-00	30012
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323i E36

L6	2.5 LTR. (M52)		98-99	30121
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323iS E36

L6	2.5 LTR. (M52)		98-99	30121
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325Ci/i E46

L6	2.5 LTR. (M54) At Secondary Air Filter	From March 2003 on	03.03-06	30238
L6	2.5 LTR. (M54)	From March 2003 on	03.03-06	30235
L6	2.5 LTR. (M56) At Secondary Air Filter		03-06	30238
L6	2.5 LTR. (M56)		03-06	30232
L6	2.5 LTR. (M54)	Up to February 2003	01-03.02	30012

325i

L6	2.5 LTR.	From September 1992 on	92-95	30173
L6	3.0 LTR. (N52)		2006	30245

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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BMW - cont.

325is				
L6	2.5 LTR.	From September 1992 on	92-95	30173
325xi E46				
L6	2.5 LTR. (M54) At Secondary Air Filter	From March 2003 on	03.03-05	30238
L6	2.5 LTR. (M54)		01-05	30012
325xi E90				
L6	3.0 LTR. (N52)		2006	30245
328i E36				
L6	2.8 LTR. (M52)		96-99	30121
328i E90, E91, E92, E93				
L6	3.0 LTR.		07-13	30246
328i xDRIVE/xi E90, E91, E92				
L6	3.0 LTR.		07-13	30246
328iS E36				
L6	2.8 LTR. (M52)		96-99	30121
328Ci/i E46				
L6	2.8 LTR. (M52)		99-00	30012
330Ci				
L6	3.0 LTR. (M54) At Secondary Air Filter	From March 2003 on	03.03-06	30238
L6	3.0 LTR. (M54)	From March 2003 on	03.03-06	30232
L6	3.0 LTR. (M54)	Up to February 2003	01-03.02	30098
330i				
L6	3.0 LTR. (N52)		2006	30245
L6	3.0 LTR. (M54) Throttle Housing	From September 2002 on	02.09-05	30232
L6	3.0 LTR. (M54) At Secondary Air Filter	From March 2003 on	03.03-05	30238
L6	3.0 LTR. (M54)	Up to August 2002	01-02.08	30098
330xi				
L6	3.0 LTR. (N52)		2006	30245
L6	3.0 LTR. (M54) At Secondary Air Filter	From March 2003 on	03.03-05	30238
L6	3.0 LTR. (M54)		01-05	30098
335i				
L6	3.0 LTR.		11-13	30351
335i xDRIVE				
L6	3.0 LTR.		11-13	30351
525i				
L6	2.5 LTR. (M54)		04-05	30245
L6	2.5 LTR. (M54) At Secondary Air Filter	E60	04-05	30238
L6	2.5 LTR. (M54)		01-03	30012
L6	2.5 LTR.	From September 1992 on	92-95	30173
L6	3.0 LTR. (N52)		06-07	30245

CY. APPLICATION NOTES YEAR KARLYN #

BMW - cont.

CY.	APPLICATION	NOTES	YEAR	KARLYN #
525iT				
L6	2.5 LTR.		1993	30173
525xi				
L6	3.0 LTR. (N52)		06-07	30245
528i E39				
L6	2.8 LTR. (M52)		99-00	30012
L6	2.8 LTR. (M52)		97-98	30121
528i/xDRIVE E60				
L6	3.0 LTR.		08-10	30246
528i				
L6	3.0 LTR.		2011	30351
530i				
L6	3.0 LTR. (N52)		06-07	30245
L6	3.0 LTR. (M54)		04-05	30245
L6	3.0 LTR. (M54) At Secondary Air Filter	E60	04-05	30238
L6	3.0 LTR. (M54)		01-03	30098
V8	3.0 LTR.		94-95	30173
530xi				
L6	3.0 LTR. (N52)		06-07	30245
535i				
L6	3.0 LTR.		11-16	30351
535i GT				
L6	3.0 LTR.		10-17	30351
535i GT xDRIVE				
L6	3.0 LTR.		11-17	30351
535i xDRIVE				
L6	3.0 LTR.		11-16	30351
540i E39				
V8	4.4 LTR. (M62)		99-03	30079
540i				
V8	4.0 LTR.		94-95	30190
V8	4.4 LTR.		97-98	30190
550i				
V8	4.8 LTR.		06-13	30373
550i GT				
V8	4.4 LTR.		10-13	30373
550i GT xDRIVE				
V8	4.4 LTR.		10-13	30373
550i xDRIVE				
V8	4.4 LTR.		11-13	30373
640i				
L6	3.0 LTR.		12-18	30351
640i GRAN COUPE				
L6	3.0 LTR.		13-18	30351
640i xDRIVE				
L6	3.0 LTR.		14-18	30351

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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BMW - cont.

640i xDRIVE GRAN COUPE				
L6	3.0 LTR.		14-18	30351
650i				
V8	4.8 LTR.		06-13	30373
650i GRAN COUPE				
V8	4.4 LTR.		2013	30373
650i xDRIVE				
V8	4.4 LTR.		12-13	30373
650i xDRIVE GRAN COUPE				
V8	4.4 LTR.		2013	30373
740i				
L6	3.0 LTR.		13-15	30351
V8	4.0 LTR.		93-95	30190
V8	4.4 LTR.		97-98	30190
V8	4.4 LTR. (M62)		99-01	30079
740iL				
V8	4.0 LTR.		93-95	30190
V8	4.4 LTR.		96-98	30190
V8	4.4 LTR. (M62)		99-01	30079
740Li				
L6	3.0 LTR.		13-15	30351
740Li xDRIVE				
L6	3.0 LTR.		13-15	30351
750i				
V8	4.4 LTR.		09-12	30373
V8	4.4 LTR.	Electric/Gas	11-12	30373
V8	4.8 LTR.		06-08	30373
750i xDRIVE				
V8	4.4 LTR.		10-12	30373
750Li				
V8	4.4 LTR.		09-12	30373
V8	4.4 LTR.	Electric/Gas	11-12	30373
V8	4.8 LTR.		06-08	30373
750Li xDRIVE				
V8	4.4 LTR.		10-12	30373
840Ci				
V8	4.0LTR.		94-95	30190
V8	4.4 LTR.		96-97	30190
ACTIVEHYBRID 5				
L6	3.0 LTR.		12-16	30351
ACTIVEHYBRID 7				
L6	3.0 LTR.		13-15	30351

CY. APPLICATION NOTES YEAR KARLYN #

BMW - cont.

CY.	APPLICATION	NOTES	YEAR	KARLYN #
ALPINA B7				
V8	4.4 LTR.		11-15	30373
ALPINA B7 xDRIVE				
V8	4.4 LTR.		11-15	30373
ALPINA B7L				
V8	4.4 LTR.		11-15	30373
ALPINA B7L xDRIVE				
V8	4.4 LTR.		11-15	30373
M3				
L6	3.0 LTR.		1995	30173
M3 E36				
L6	3.2 LTR. (S52)		96-99	30121
M3 E46				
L6	3.2 LTR.		01-06	30234
M5 E39				
V8	5.0 LTR. (S62)		00-03	30189
M5 E60				
V10	5.0 LTR. At Secondary Air Filter		06-10	30238
V10	5.0 LTR.	2 Required	06-10	30234
M6 E63, E64				
V10	5.0 LTR. At Secondary Air Filter		06-10	30238
V10	5.0 LTR.	2 Required	06-10	30234
X1				
L6	3.0 LTR.		13-15	30351
X3				
L6	2.5 LTR. (M54)		04-05	30235
L6	3.0 LTR.		11-17	30351
L6	3.0 LTR. (N52)		07-10	30246
L6	3.0 LTR. (M54) At Secondary Air Filter		04-06	30238
L6	3.0 LTR. (M54)		04-06	30232
X5				
L6	3.0 LTR.		11-18	30351
L6	3.0 LTR.		07-10	30246
L6	3.0 LTR. (M54) At Secondary Air Filter		01-06	30238
L6	3.0 LTR. (M54)		01-06	30098
V8	4.4 LTR. (M62)		00-03	30079
V8	4.6 LTR. (M62)		02-03	30079
V8	4.4 LTR. TURBO		11-13	30373

KARLYN/STI

NEW BREMI MAF LINE

CY. APPLICATION NOTES YEAR KARLYN #

BMW - cont.

X6

L6	3.0 LTR.		11-18	30351
V8	4.4 LTR.		08-09	30373
V8	4.4 LTR.		13-14	30373
V8	4.4 LTR. TURBO		10-12	30373
V8	4.4 LTR.	Electric/Gas	10-11	30373

Z3 ROADSTER

L6	2.5 LTR. (M52, M54)		99-02	30012
L6	2.8 LTR. (M52)		99-00	30012
L6	3.0 LTR. (M54)		01-02	30098
L6	3.2 LTR.		01-02	30234

Z4

L6	2.5 LTR. (M54)		03-05	30235
L6	3.0 LTR.	E89	09-11	30246
L6	3.0 LTR. (M54)		03-05	30232

Z4 ROADSTER E85, E86

L6	3.0 LTR. (N52, N54)		2009	30245
L6	3.0 LTR. (N52)		06-08	30245
L6	3.2 LTR.		06-08	30234

Z8 ROADSTER E52

V8	4.8 LTR. (M62)		2003	30079
V8	5.0 LTR. (S62)		00-02	30189

CHRYSLER

SEBRING

L4	2.4 LTR.		01-05	30242
V6	3.0 LTR.		01-05	30242

DODGE

STRATUS

L4	2.4 LTR.		01-05	30242
V6	3.0 LTR.		01-05	30242

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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HONDA

ACCORD

L4	2.4 LTR.		13-15	30240
L4	2.4 LTR.		03-07	30240
V6	3.0 LTR.		05-07	30240
V6	3.5 LTR.		08-15	30240

ACCORD CROSSTOUR

V6	3.5 LTR.		10-11	30240
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CIVIC

L4	1.3 LTR.		06-11	30240
L4	1.5 LTR.		12-15	30240
L4	1.8 LTR.		06-15	30240

CR-Z

L4	1.5 LTR.		11-15	30240
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CROSSTOUR

V6	3.5 LTR.		12-15	30240
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FIT

L4	1.5 LTR.		2015	30240
L4	1.5 LTR.		09-13	30240

ODYSSEY

V6	3.5 LTR.		07-15	30240
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PILOT

V6	3.5 LTR.		09-15	30240
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RIDGELINE

V6	3.5 LTR.		09-14	30240
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INSIGHT

L4	1.3 LTR.		10-14	30240
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HYUNDAI

ELANTRA

L4	2.0 LTR.		03-05	30361
L4	2.0 LTR.	VIN: D, E	06-10	30361

SPECTRA

L4	1.8 LTR.		02-04	30244
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SONATA

L4	2.4 LTR.	VIN: C	06-08	30361
V6	2.5 LTR.		99-00	30012

TIBURON

L4	2.0 LTR.		03-05	30361
L4	2.0 LTR.	VIN: D, E	06-08	30361

TUCSON

L4	2.0 LTR.		2005	30361
L4	2.0 LTR.	VIN: B	06-09	30361
		Electric/Hydrogen	15-17	30361

KARLYN/STI

NEW BREMI MAF LINE

CY.	APPLICATION	NOTES	YEAR	KARLYN #
INFINITI				
EX35				
V6	3.5 LTR.		08-12	30230
EX37				
V6	3.7 LTR.		2013	30230
FX35				
V6	3.5 LTR.		09-12	30230
FX37				
V6	3.7 LTR.		2013	30230
FX50				
V8	5.0 LTR.		09-13	30230
G20				
L4	2.0 LTR.		00-02	30214
G25				
V6	2.5 LTR.		11-12	30230
G35				
V6	3.5 LTR.		03-08	30230
G37				
V6	3.7 LTR.		08-11	30230
I30				
V6	3.0 LTR.		00-01	30214
V6	3.0 LTR.		96-99	30135
J30				
V6	3.0 LTR.		96-97	30135
M37				
V6	3.7 LTR.		11-12	30230
M45				
V8	4.5 LTR.		06-10	30230
M56				
V8	5.6 LTR.		11-13	30365
Q45				
V8	4.1 LTR.		97-01	30135
Q70				
V8	5.6 LTR.		14-18	30365
Q70L				
V8	5.6 LTR.		15-18	30365
QX56				
V8	5.6 LTR.		04-11	30230

CY. APPLICATION NOTES YEAR KARLYN #

JAGUAR

S-TYPE				
V6	3.0 LTR.		03-08	30252
V8	4.2 LTR.		03-08	30252
VANDEN PLAS				
V8	4.0 LTR.		99-03	30119
V8	4.2 LTR.		04-09	30252
XF				
V8	4.2 LTR.		09-10	30252
XJ8				
V8	4.0 LTR.		99-03	30119
V8	4.2 LTR.		04-09	30252
XK8				
V8	4.0 LTR.		99-02	30119
V8	4.2 LTR.		03-06	30252
X-TYPE				
V6	2.5 LTR.		02-05	30252
V6	3.0 LTR.		02-08	30252

KIA

OPTIMA				
L4	2.4 LTR.	VIN: 3	06-08	30361
RIO				
L4	1.6 LTR.		2006	30361
RIO5				
L4	1.6 LTR.		2006	30361
RONDO				
L4	2.4 LTR.	VIN: 5	07-08	30361
SPECTRA				
L4	2.0 LTR.		04-07	30361
L4	2.0 LTR.	VIN: 1, 2	08-09	30361
SPECTRA5				
L4	2.0 LTR.		05-07	30361
L4	2.0 LTR.	VIN: 1, 2	08-09	30361
SPORTAGE				
L4	2.0 LTR.		05-08	30361
L4	2.0 LTR.	VIN: 4	2009	30361
L4	2.0 LTR.	VIN: 2, 4	2010	30361

LAND ROVER

LR2				
L6	3.2 LTR.		08-13	30252
LR3				
V8	4.4 LTR.		05-09	30252
RANGE ROVER				
V8	4.2 LTR.		06-09	30252
V8	4.4 LTR.		06-09	30252
V8	4.4 LTR.		03-04	30079

KARLYN/STI

NEW BREMI MAF LINE

CY.	APPLICATION	NOTES	YEAR	KARLYN #
LEXUS				
ES300				
V6	3.0 LTR.		02-03	30093
V6	3.0 LTR.		99-01	30252
ES330				
V6	3.3 LTR.		04-06	30093
GS300				
L6	3.0 LTR.		00-06	30093
GS430				
V8	4.3 LTR.		05-07	30093
GS450H				
V6	3.5 LTR.		07-11	30093
GX460				
V8	4.6 LTR.		10-12	30239
GX470				
V8	4.7 LTR.	From November 2004 on	04.11-09	30239
IS300				
L6	3.0 LTR.		01-05	30093
LS430				
V8	4.3 LTR.		01-06	30093
LX470				
V8	4.7 LTR.	From May 2005 on	05.05-07	30239
LX570				
V8	5.7 LTR.		08-11	30239
RX300				
V6	3.0 LTR.		99-03	30252
RX330				
V6	3.3 LTR.		04-06	30093
RX400H				
V6	3.3 LTR.		06-08	30093

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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MAZDA

2

L4	1.5 LTR.		11-14	30252
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3

L4	2.0 LTR.		04-13	30252
L4	2.3 LTR. TURBO		10-13	30119
L4	2.3 LTR. TURBO	Mazda Speed 3 Model only	07-09	30119
L4	2.3 LTR. without Turbo		04-09	30252
L4	2.5 LTR.		10-13	30252

5

L4	2.3 LTR.		06-10	30252
L4	2.5 LTR.		12-14	30252

6

L4	2.3 LTR. without Turbo		03-08	30252
L4	2.3 LTR. TURBO	Mazda Speed 6 Model only	06-07	30119
L4	2.5 LTR.		09-13	30252
L4	3.0 LTR.		03-08	30252

CX-7

L4	2.3 LTR.		07-12	30119
L4	2.5 LTR.		10-12	30252

CX-9

V6	3.5 LTR.		2007	30119
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MX-5 MIATA

L4	2.0 LTR.		06-14	30252
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RX-8

R2	1.3 LTR.		04-11	30252
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PROTÉGÉ

L4	1.6 LTR.		99-01	30252
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CY.	APPLICATION	NOTES	YEAR	KARLYN #
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MERCEDES-BENZ

C230				
L4	1.8 LTR.		03-05	30045
L4	2.3 LTR.		2002	30017
L4	2.3 LTR.		97-00	30013
V6	2.5 LTR.		06-07	30114
C240				
V6	2.6 LTR.		01-05	30025
C280				
V6	2.8 LTR.		98-00	30025
L6	2.8 LTR.		94-96	30078
V6	3.0 LTR.		06-07	30114
C300				
V6	3.0 LTR.		08-12	30114
C32 AMG				
V6	3.2 LTR.		02-04	30025
C320				
V6	3.2 LTR.		01-05	30025
C350				
V6	3.5 LTR.		06-11	30114
C43 AMG				
V8	4.3 LTR.		98-00	30080
C55 AMG				
V8	5.5 LTR.		05-06	30080
CL55 AMG				
V8	5.5 LTR.		01-02	30080
CL500				
V8	5.0 LTR.		00-06	30080
CL550				
V8	5.5 LTR.		07-10	30114
CL600				
V12	5.8 LTR.		01-02	30080
CLK320				
V6	3.2 LTR.		98-05	30025
CLK350				
V6	3.5 LTR.		06-09	30114
CLK430				
V8	4.3 LTR.		99-03	30080

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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MERCEDES-BENZ - cont.

CY.	APPLICATION	NOTES	YEAR	KARLYN #
CLK55 AMG				
V8	5.5 LTR.		01-06	30080
CLK500				
V8	5.0 LTR.		03-06	30080
CLK550				
V8	5.5 LTR.		07-09	30114
CLS500				
V8	5.0 LTR.		2006	30080
CLS550				
V8	5.5 LTR.		07-11	30114
E320				
V6	3.2 LTR.		98-05	30025
L6	3.2 LTR.	Up to Eng. #050146	94-96	30078
E350				
V6	3.5 LTR.		06-11	30114
E430				
V8	4.3 LTR.		98-02	30080
E55 AMG				
V8	5.5 LTR.		99-06	30080
E500				
V8	5.0 LTR.		03-06	30080
E550				
V8	5.5 LTR.		07-11	30114
G500				
V8	5.0 LTR.		02-08	30080
G550				
V8	5.5 LTR.		09-14	30114
GL450				
V8	4.6 LTR.		07-12	30114
GL550				
V8	5.5 LTR.		08-12	30114
GLK350				
V6	3.5 LTR.		10-12	30114
ML320				
V6	3.2 LTR.		98-03	30025
ML350				
V6	3.5 LTR.		06-11	30114
V6	3.7 LTR.		03-05	30025

KARLYN/STI

NEW BREMI MAF LINE

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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MERCEDES-BENZ - cont.

ML430				
V8	4.3 LTR.		99-01	30080
ML450				
V6	3.5 LTR.		10-11	30114
ML55 AMG				
V8	5.5 LTR.		00-03	30080
ML500				
V8	5.0 LTR.		02-07	30080
ML550				
V8	5.5 LTR.		08-11	30114
R350				
V6	3.5 LTR.		06-11	30114
R500				
V8	5.0 LTR.		06-07	30080
S320				
L6	3.2 LTR.	Up to Eng. #073222	94-96	30078
S350				
V6	3.7 LTR.		2006	30025
S400				
V6	3.5 LTR.		10-13	30114
S430				
V8	4.3 LTR.		00-06	30080
S55 AMG				
V8	5.5 LTR.		01-02	30080
S500				
V8	5.0 LTR.		00-06	30080
S550				
V8	5.5 LTR.		07-11	30114
S600				
V12	5.8 LTR.		01-02	30080
SL320				
L6	3.2 LTR.	Up to Eng. #022857	94-96	30078
SL500				
V8	5.0 LTR.		99-06	30080
SL550				
V8	5.5 LTR.		11-12	30114
V8	5.5 LTR.		07-09	30114
SLK230				
L4	2.3 LTR.		01-04	30017
L4	2.3 LTR.		98-02	30013

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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MERCEDES-BENZ - cont.

SLK280				
V6	3.0 LTR.		06-08	30114
SLK300				
V6	3.0 LTR.		09-11	30114
SLK320				
V6	3.2 LTR.		01-04	30025
SLK350				
V6	3.5 LTR.		05-11	30114
SLK55 AMG				
V8	5.5 LTR.		05-10	30080

KARLYN/STI

NEW BREMI MAF LINE

CY. APPLICATION NOTES YEAR KARLYN #

MITSUBISHI

ECLIPSE

L4	2.4 LTR.		06-12	30249
L4	2.4 LTR.		00-05	30242
V6	3.0 LTR.		00-05	30242
V6	3.8 LTR.		06-12	30249

ENDEAVOR

V6	3.8 LTR.		10-11	30249
V6	3.8 LTR.		04-08	30249

GALANT

L4	2.4 LTR.		04-11	30249
L4	2.4 LTR.		99-03	30242
V6	3.0 LTR.		99-03	30242
V6	3.8 LTR.		04-09	30249

LANCER

L4	2.0 LTR.		08-11	30249
L4	2.4 LTR.		09-11	30249
L4	2.4 LTR.		04-06	30249

MONTERO SPORT

L4	2.4 LTR.		1999	30242
V6	3.0 LTR.		99-03	30242

OUTLANDER

L4	2.4 LTR.		08-11	30249
L4	2.4 LTR.		04-06	30249
L4	2.4 LTR.		2003	30242
V6	3.0 LTR.		07-11	30249

OUTLANDER SPORT

L4	2.0 LTR.		2011	30249
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CY.	APPLICATION	NOTES	YEAR	KARLYN #
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NISSAN

CY.	APPLICATION	NOTES	YEAR	KARLYN #
350Z				
V6	3.5 LTR.		03-09	30230
370Z				
V6	3.7 LTR.		09-13	30230
ALTIMA				
L4	2.5 LTR.		07-12	30230
V6	3.5 LTR.		07-13	30230
ARMADA				
V8	5.6 LTR.		05-13	30230
CUBE				
L4	1.8 LTR.		09-13	30230
FRONTIER				
L4	2.5 LTR.		05-12	30230
V6	4.0 LTR.		05-12	30230
GT-R				
V6	3.8 LTR.		09-12	30230
JUKE				
L4	1.6 LTR. TURBO		11-17	30365
MAXIMA				
V6	3.0 LTR.		00-01	30214
V6	3.0 LTR.		95-99	30135
V6	3.5 LTR.		04-13	30230
MURANO				
V6	3.5 LTR.		09-13	30230
V6	3.5 LTR.		06-07	30230
NV1500				
V6	4.0 LTR.		12-13	30230
NV2500				
V6	4.0 LTR.		12-13	30230
V8	5.6 LTR.		12-13	30230
NV3500				
V6	4.0 LTR.		12-13	30230
V8	5.6 LTR.		2013	30230

KARLYN/STI

NEW BREMI MAF LINE

CY. APPLICATION NOTES YEAR KARLYN #

NISSAN - cont.

PATHFINDER

V6	3.5 LTR.		2013	30230
V6	3.5 LTR.		2004	30230
V6	4.0 LTR.		05-12	30230
V8	5.6 LTR.		08-12	30230
V8	5.6 LTR.		2004	30230

QUEST

V6	3.5 LTR.		11-13	30230
V6	3.5 LTR.		07-09	30230

ROGUE

L4	2.5 LTR.		08-13	30230
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SENTRA

L4	2.0 LTR.		07-12	30230
L4	2.0 LTR.	Up to August 2001	00-01	30214
L4	2.5 LTR.		07-12	30230

TITAN

V8	5.6 LTR.		04-13	30230
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VERSA

L4	1.6 LTR.		10-13	30230
L4	1.8 LTR.		07-12	30230

XTERRA

V6	4.0 LTR.		05-12	30230
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PONTIAC

VIBE

L4	1.8 LTR.		03-08	30252
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CY.	APPLICATION	NOTES	YEAR	KARLYN #
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PORSCHE

CY.	APPLICATION	NOTES	YEAR	KARLYN #
911				
H6	3.6 LTR.	Anniversary Edition	2004	30211
911 CARRERA				
H6	3.4 LTR.	With E-Gas	99-01	30197
H6	3.4 LTR.	Without E-Gas, Excluding AWD	99-01	30161
H6	3.6 LTR.		02-12	30211
H6	3.6 LTR.		95-98	30191
911 CARRERA S				
H6	3.6 LTR.		1998	30191
911 CARRERA 4				
H6	3.4 LTR.	With E-Gas	99-01	30197
H6	3.6 LTR.		02-12	30211
H6	3.6 LTR.		95-98	30191
H6	3.8 LTR.		06-12	30211
911 CARRERA 4S				
H6	3.6 LTR.		96-98	30191
911 GT2				
H6	3.6 LTR.		04-05	30197
911 GT3				
H6	3.6 LTR.		04-08	30211
911 SPEEDSTER				
H6	3.8 LTR.		2011	30211
911 TARGA				
H6	3.6 LTR.		07-12	30211
H6	3.6 LTR.		96-98	30191
H6	3.8 LTR.		07-12	30211
911 TURBO				
H6	3.6 LTR.		01-05	30197
BOXSTER				
H6	2.5 LTR.	Without E-Gas	97-99	30161
H6	2.7 LTR.		05-08	30233
H6	2.7 LTR.	From Chassis #620415	00-04	30211
H6	2.7 LTR.	With E-Gas, To Chassis #620414	2000	30197
H6	3.2 LTR.		05-06	30233
H6	3.4 LTR.		07-08	30233
BOXSTER S				
H6	3.2 LTR.	From Chassis #660258	00-04	30211
H6	3.2 LTR.	With E-Gas, To Chassis #660257	2000	30197
CAYMAN				
H6	2.7 LTR.		07-08	30233
H6	3.4 LTR.		06-08	30233
CAYENNE				
V8	4.5 LTR. TURBO		03-06	30236

KARLYN/STI

NEW BREMI MAF LINE

CY. APPLICATION NOTES YEAR KARLYN #

SAAB

9-2X

H4	2.0 LTR.		2005	30119
H4	2.5 LTR.		05-06	30119

9-3

L4	2.0 LTR. (B207R)	Aero & Aero Turbo 4	10-11	30241
L4	2.0 LTR. (B207R)		06-10	30241
L4	2.0 LTR. (B207R)	Aero	04-05	30241
L4	2.0 LTR. (B207L)	Linear	03-05	30241
L4	2.0 LTR. (B207R)	Arc	03-05	30241
L4	2.0 LTR. (B207R)	Vector	2003	30241
L4	2.0 LTR. (16 Valve) (B205R)		2003	30237
L4	2.0 LTR, 2.3 LTR. (16 Valve)		00-02	30237
L4	2.3 LTR. (16 Valve)		1999	30237

9-5

L4	2.3 LTR. (16 Valve)		04-09	30237
L4	2.3 LTR. (16 Valve)		99-03	30237
L4	3.0 LTR. (24 Valve)		99-03	30237

SCION

TC

L4	2.4 LTR.		05-06	30252
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XA

L4	1.5 LTR.		04-06	30093
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XB

L4	1.5 LTR.		04-06	30093
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SUBARU

B9 TRIBECA

H6	3.0 LTR.		06-07	30119
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BAJA

H4	2.5 LTR.		04-06	30119
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FORESTER

H4	2.5 LTR.		04-08	30119
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IMPREZA

H4	2.0 LTR.		02-05	30119
H4	2.5 LTR.		04-07	30119

LEGACY

H4	2.5 LTR.		04-09	30119
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OUTBACK

H4	2.5 LTR.		04-09	30119
H6	3.0 LTR.		04-09	30119

TRIBECA

H6	3.6 LTR.		08-14	30119
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CY. APPLICATION NOTES YEAR KARLYN #

TOYOTA

4-RUNNER				
L4	2.7 LTR.		2010	30239
V6	3.4 LTR.		00-02	30252
V6	4.0 LTR.		03-09	30093
V8	4.7 LTR.		05-09	30239
AVALON				
V6	3.0 LTR.		00-04	30252
CAMRY				
L4	2.4 LTR.		02-06	30252
V6	3.0 LTR.		02-06	30093
V6	3.3 LTR.		04-06	30093
CELICA				
L4	1.8 LTR.		00-05	30093
COROLLA				
L4	1.8 LTR.		03-08	30093
ECHO				
L4	1.5 LTR.		00-05	30093
FJ CRUISER				
V6	4.0 LTR.		07-09	30093
HIGHLANDER				
L4	2.4 LTR.		01-07	30093
V6	3.0 LTR.		01-03	30252
V6	3.3 LTR.		08-10	30093
V6	3.3 LTR.		04-07	30252
LAND CRUISER				
V8	5.7 LTR.		13-15	30239
V8	5.7 LTR.	From May 2005 on	05.05-11	30239
MATRIX				
L4	1.8 LTR.		03-08	30093
MR2 SPYDER				
L4	1.8 LTR.		00-05	30093
PRIUS				
L4	1.5 LTR.		04-09	30093
L4	1.5 LTR.		01-03	30252
RAV4				
L4	2.0 LTR.		01-03	30093
L4	2.4 LTR.		04-05	30093
SEQUOIA				
V8	4.6 LTR.		10-12	30239*
V8	4.7 LTR.	From August 2004 on	04.08-09	30239*
V8	5.7 LTR.		08-15	30239*

* Located in air filter housing

KARLYN/STI

NEW BREMI MAF LINE

CY. APPLICATION NOTES YEAR KARLYN #

TOYOTA - cont.

SIENNA

V6	3.0 LTR.		01-03	30252
V6	3.3 LTR.		04-06	30093

SOLARA

L4	2.4 LTR.		02-08	30252
V6	3.3 LTR.		04-08	30093

TACOMA

L4	2.7 LTR.	From August 2004 on	04.08-15	30239*
V6	3.4 LTR.		99-04	30252
V6	4.0 LTR.		05-14	30093

TUNDRA

V6	3.4 LTR.		00-04	30252
V6	4.0 LTR.		05-11	30093
V8	4.6 LTR.		10-15	30239*
V8	4.7 LTR.	From August 2004 on	04.08-09	30239*
V8	5.7 LTR.		07-15	30239*

YARIS

L4	1.5 LTR.		07-14	30093
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* Located in air filter housing

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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VOLKSWAGEN

CABRIO

L4	2.0 LTR.	From Chassis #1E-T-003001 to 1E-X-899000	96-99	30027
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CC

L4	2.0 LTR.		09-17	30345
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EOS

L4	2.0 LTR.		09-11	30345
L4	2.0 LTR. TURBO		07-08	30359
L4	2.0 LTR. TURBO	BPY Eng.	2009	30359

EUROVAN

V6	2.8 LTR. (AXK)		01-03	30071
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GOLF

L4	1.8 LTR. (AWP)		02-06	30028
L4	1.8 LTR. (AWW)		2001	30028
L4	1.8 LTR. (AWD)		00-01	30339
L4	1.9 LTR.		05-06	30042
L4	1.9 LTR. (BEW)		2004	30042
L4	1.9 LTR.		99-03	30231
L4	2.0 LTR.		02-06	30056
L4	2.0 LTR. (AEG)		2001	30020
L4	2.0 LTR. (AVH, AZG)		2001	30056
L4	2.0 LTR.	Mark 4	99-00	30020*
L4	2.0 LTR.	From Chassis #1H-T-000001	96-99	30027**
V6	2.8 LTR. (BDF)		02-05	30071
V6	2.8 LTR. (AFP)		01-02	30071
V6	2.8 LTR.		99-00	30071

GOLF R

L4	2.0 LTR.	Base	12-13	30359
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GTI

L4	2.0 LTR.		09-14	30345
L4	2.0 LTR. (CBFA & CCTA)		2008	30345
L4	2.0 LTR. TURBO		06-07	30359
L4	2.0 LTR. TURBO	BPY Eng.	2008	30359

JETTA

L4	1.8 LTR. (AWP)		02-05	30028
L4	1.8 LTR. (AWW)		2001	30028
L4	1.8 LTR.		00-01	30339
L4	1.9 LTR.		05-06	30042
L4	1.9 LTR. (BEW)		2004	30042
L4	1.9 LTR.		99-04	30231
L4	2.0 LTR.		08-10	30345
L4	2.0 LTR.		02-05	30056
L4	2.0 LTR. (AEG)		2001	30020
L4	2.0 LTR. (AVH, AZG)		2001	30056
L4	2.0 LTR.		2000	30020*
L4	2.0 LTR. (ABA)	From Chassis #1H-T-000001	1999	30027**
L4	2.0 LTR. (AEG)	Mark 4	1999	30020*
L4	2.0 LTR.	From Chassis #1H-T-000001	96-98	30027**

* Excluding Mark 3

** Excluding Mark 4

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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VOLKSWAGEN - cont.

JETTA - cont.

L4	2.0 LTR. TURBO		06-07	30359
L4	2.0 LTR. SOHC		2007	30359
L4	2.0 LTR. TURBO	BPY Eng.	2008	30359
L5	2.5 LTR. (20 Valve)		05-10	30236
V6	2.8 LTR. (BDF)		03-04	30071
V6	2.8 LTR.		00-02	30071
V6	2.8 LTR. (AFP)		1999	30071

NEW BEETLE

L4	1.8 LTR.		2005	30056
L4	1.8 LTR.		02-04	30028
L4	1.8 LTR. (APH)		2001	30020
L4	1.8 LTR. (AWV)		2001	30028
L4	1.8 LTR.		99-00	30020
L4	1.9 LTR.		05-06	30042
L4	1.9 LTR. (ALH)		2004	30231
L4	1.9 LTR. (BEW)		2004	30042
L4	1.9 LTR.		98-03	30231
L4	2.0 LTR.		12-13	30345
L4	2.0 LTR.		02-05	30056
L4	2.0 LTR. (AEG)		2001	30020
L4	2.0 LTR. (AVH, AZG)		2001	30056
L4	2.0 LTR.		98-00	30020
L5	2.5 LTR. (20 Valve)		06-10	30236

PASSAT

L4	1.8 LTR. (AWM)	Up to July 2001, VIN# 3B.2.100 000	01-02	30028
L4	1.8 LTR. (AUG)		2000	30028
L4	1.8 LTR. (ATW)		2000	30339
L4	1.8 LTR. (AUG)		2000	30028
L4	1.8 LTR.	From July 2001 on, VIN# 3B.2.100 001	02-05	30227
L4	1.8 LTR.	From Chassis #3B-WE175001	98-99	30027
L4	2.0 LTR.	From Chassis #3A-T-025001	1996	30027
L4	2.0 LTR.		04-05	30010
L4	2.0 LTR. (CCTA)		2008	30345
L4	2.0 LTR.		09-10	30345
L4	2.0 LTR. TURBO		06-07	30359
L4	2.0 LTR. TURBO	BPY Eng.	2008	30359

PHAETON

V8	4.2 LTR.	2 Required	04-06	30056
W12	6.0 LTR. (48 Valve)		04-06	30236

RABBIT

L5	2.5 LTR. (20 Valve)		06-09	30236
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TIGUAN

L4	2.0 LTR.		09-18	30345
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TOUAREG

V8	4.2 LTR.	2 Required	04-09	30056
V10	4.9 LTR.		2004	30010
V10	5.0 LTR.		06-08	30010

CY. APPLICATION NOTES YEAR KARLYN #

VOLVO

850				
CY.	APPLICATION	NOTES	YEAR	KARLYN #
L5	2.3 LTR.	Excluding Manual Transmission	95-97	30060
L5	2.4 LTR.	Excluding Manual Transmission	95-97	30060
C70				
L5	2.3 LTR. TURBO		99-04	30047
L5	2.3 LTR.		1998	30060
L5	2.4 LTR. TURBO		99-04	30047
L5	2.4 LTR.		1998	30060
S40				
L5	2.4 LTR.		04-10	30252
S60				
L5	2.3 LTR. TURBO		01-04	30047
L5	2.4 LTR. Naturally Aspirated		01-05	30252
L5	2.4 LTR. TURBO		01-03	30047
L5	2.5 LTR. (B5254T4 & B5244T5 only)		04-09	30100
L5	2.5 LTR. TURBO		03-09	30047
S70				
L5	2.3 LTR. TURBO		99-00	30047
L5	2.3 LTR.		1998	30060
L5	2.4 LTR. TURBO		99-00	30047
L5	2.4 LTR.		1998	30060
S80				
L5	2.5 LTR.		04-06	30047
L6	2.9 LTR. TURBO		02-06	30100
L6	2.9 LTR. Non Turbo		02-04	30047
L6	3.2 LTR.		07-14	30252
V8	4.4 LTR.		07-10	30252
V50				
L5	2.4 LTR.		05-10	30252
V70				
L5	2.3 LTR. (B5234T3) TURBO		02-04	30047
L5	2.3 LTR. TURBO		99-01	30047
L5	2.3 LTR.		1998	30060
L5	2.4 LTR. Naturally Aspirated		01-07	30252
L5	2.4 LTR. (B5244T3) TURBO		02-03	30047
L5	2.4 LTR. TURBO		99-00	30047
L5	2.5 LTR. (B5244T4/T5 & B5254T4 only)		04-07	30100
L5	2.5 LTR. TURBO		03-07	30047
L5	2.4 LTR. (B5244T4/T5 & B5254T4 only)		2005	30100
L6	3.2 LTR. Naturally Aspirated		08-10	30252

KARLYN/STI

NEW BREMI MAF LINE

CY.	APPLICATION	NOTES	YEAR	KARLYN #
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VOLVO - cont.

XC60

L6	3.2 LTR.		10-14	30252
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XC70

L5	2.5 LTR.		03-07	30047
L6	3.2 LTR.		08-14	30252

XC90

L5	2.5 LTR.		03-06	30047
L6	2.9 LTR.		03-05	30100
L6	3.2 LTR.		07-14	30252
V8	4.4 LTR.		05-11	30252

30010

(VW OE# 074-906-461B)



30012

(BMW/HYUNDAI OE#
13-62-1-432-356, 28164-37100)



30013

(MB OE# 000-094-09-48)



30017

(MB OE# 111-094-01-48)



30020

(VW OE# 06A-906-461A)



30025

(MB OE# 112-094-00-48)



30027

(AUDI/VW OE# 037-906-461C)



30028

(AUDI/VW OE# 06A-906-461L)



30042

(VW OE# 038-906-461B)



30045

(MB OE# 271-094-02-48)



30047

(VOLVO OE# 31342414, 31342362, 8670263)



30056

(AUDI/VW OE# 06A-906-461G)



30058

(VOLVO OE# 8670263)

REPLACED BY #30047

30060

(VOLVO OE# 1275749)



30071

(AUDI/VW OE# 071-906-461B)



30078

(MB OE# 000-094-05-48)



30079

(BMW/LAND ROVER OE#
13-62-1-433-567, MHK000230)



30080

(MB OE# 113-094-00-48)



KARLYN/STI

NEW BREMI MAF LINE

30093

(LEXUS/SCION/TOYOTA OE# 22204-22010)



30098

(BMW OE# 13-62-7-567-451)



30100

(VOLVO OE# 31342363)



30114

(MB OE# 273-094-09-48)



30119

(JAGUAR OE# 2W93-12B579-AB/AC, C2C7636
MAZDA OE# L3K9-13-215-9U
SAAB OE# 32005985
SUBARU OE# 22680-AA310)



30121

(BMW OE# 13-62-1-703-275)



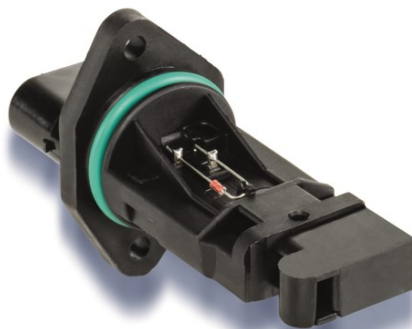
30135

(INFINITI/NISSAN OE# 22680-31U05)



30161

(PORSCHE OE# 996-606-123-00)



30173

(BMW OE# 13-62-1-747-155)



30189

(BMW OE# 13-62-1-433-566)



30190

(BMW OE# 13-62-1-702-078)



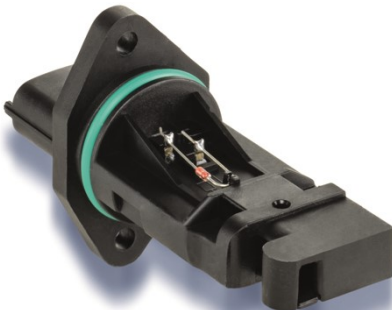
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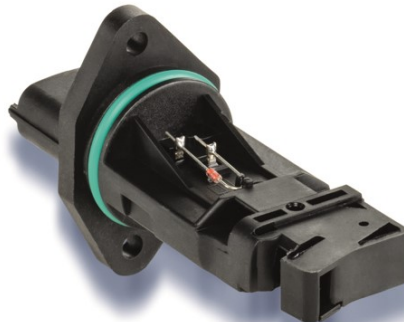
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30211

(PORSCHE OE# 986-606-125-01)



30214

(INFINITI/NISSAN OE# 22680-AD201)



30227

(VW OE# 06A-906-461N)



30230

(INFINITI/NISSAN OE# 22680-7S00A/7S000)



30231

(VW OE# 038-906-461C, 06A-906-461)



30232

(BMW OE# 13-62-7-566-983)



30233

(PORSCHE OE# 987-606-125-00)



30234

(BMW OE# 13-62-7-830-359,
13-62-7-839-014)



30235

(BMW OE# 13-62-7-566-984)



30236

(PORSCHE OE# 955-606-123-00
VW OE# 07C-906-461)



30237

(SAAB OE# 55557008)



30238

(BMW OE# 11-72-1-438-814)



30239

(LEXUS/TOYOTA OE# 22204-0F030,
22204-75030)



30240

(ACURA/HONDA OE# 37980-RNA-A01)

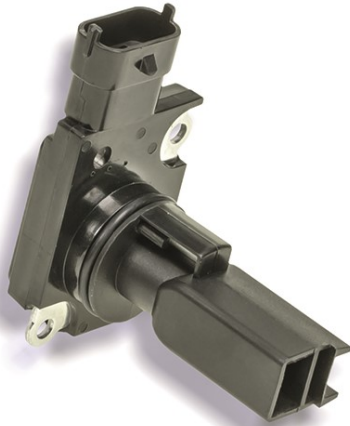


KARLYN/STI

NEW BREMI MAF LINE

30241

(SAAB OE# 12788131)



30242

(CHRYSLER/DODGE/MITSUBISHI OE#
MD336501, E5T08171)



30244

(KIA OE# 28100-2Y100)



30245

(BMW OE# 13-62-7-520-519)



30246

(BMW OE# 13-62-7-551-638,
13-62-7-585-680)



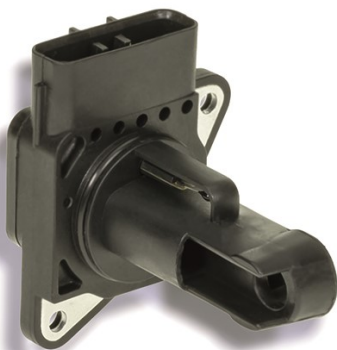
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(MITSUBISHI OE# MR985187)



30252

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LAND ROVER OE# PHF000140,
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TOYOTA OE# 22204-21010,
VOLVO OE# 8658471)



30339

(AUDI/VW OE# 06A-906-461DX)



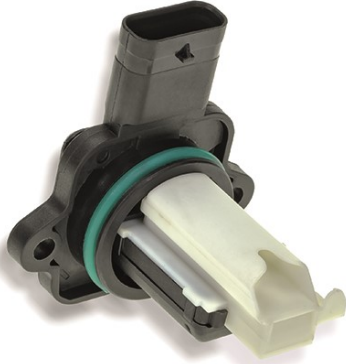
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30351

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30359

(AUDI/VW OE# 06F-906-461A)



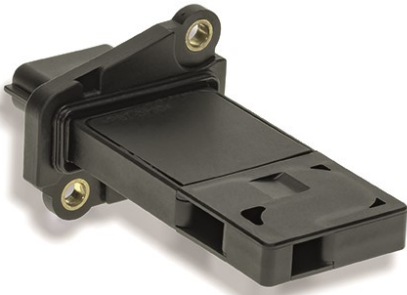
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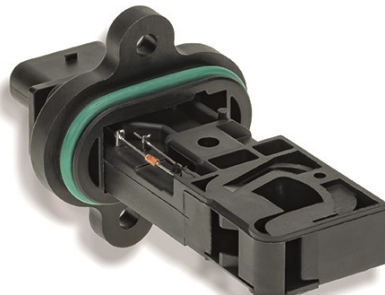
30365

(INFINITI/NISSAN OE# 22680-1MB0A)



30373

(BMW OE# 13-62-8-645-877)



CROSS REFERENCE

OEM	KARLYN/STI
1275749	30060
8658471	30252
8670263	30047
12788131	30241
31342362	30047
31342363	30100
31342414	30047
32005985	30119
55557008	30237
000-094-05-48	30078
000-094-09-48	30013
037-906-461C	30027
038-906-461B	30042
038-906-461C	30231
06A-906-461	30231
06A-906-461A	30020
06A-906-461DX	30339
06A-906-461G	30056
06A-906-461L	30028
06A-906-461N	30227
06F-906-461A	30359
06J-906-461B	30345
071-906-461B	30071
074-906-461B	30010
07C-906-461	30236
111-094-01-48	30017
112-094-00-48	30025
113-094-00-48	30080
11-72-1-438-814	30238
13-62-1-747-155	30173
13-62-1-432-356	30012
13-62-1-433-566	30189
13-62-1-433-567	30079
13-62-1-702-078	30190
13-62-1-703-275	30121
13-62-7-520-519	30245
13-62-7-551-638	30246
13-62-7-566-983	30232
13-62-7-566-984	30235

OEM	KARLYN/STI
13-62-7-566-990	30373
13-62-7-567-451	30098
13-62-7-585-680	30246
13-62-7-593-624	30351
13-62-7-830-359	30234
13-62-7-839-014	30234
13-62-8-645-877	30373
22204-0F030	30239
22204-21010	30252
22204-22010	30093
22204-75030	30239
22680-1MB0A	30365
22680-31U05	30135
22680-7S00A/7S000	30230
22680-AA310	30119
22680-AD201	30214
271-094-02-48	30045
273-094-09-48	30114
28100-2Y100	30244
28164-25000	30361
28164-37100	30012
2W93-12B579-AB	30119
2W93-12B579-AC	30119
37980-RNA-A01	30240
955-606-123-00	30236
986-606-125-01	30211
987-606-125-00	30233
993-606-123-01	30191
996-606-124-00	30197
C2C7636	30119
C2S2670	30252
E5T08171	30242
L321-13-215	30252
L3K9-13-215-9U	30119
MD336501	30242
MHK000230	30079
MR985187	30249
PHF000140	30252

FOR REFERENCE PURPOSES ONLY!
REFER TO OUR MODEL LISTINGS FOR THE CORRECT APPLICATION

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