

ACURA	YEAR	BOLT PATTERN	HUB CENTER
2.2, 3.0 CL	95-on	4x114.3	64.1
3.0 CL V-6	98-on	5X114.3	70.3
INTEGRA	86-01	4X100	56.1
INTEGRA TYPE R	97-01	5X114.3	64.1
LEGEND	86-90	4X114.3	64.1
LEGEND	91-on	5X114.3	70.3
NSX	91-on	5X114.3	64.1F70.3R
RL 3.5	96-04	5X114.3	64.1
RL 3.5	05-on	5x120	64.1
RSX	01-on	5X114.3	64.1
TL 2.5	95-on	4X114.3	64.1
TL 3.5	96-on	5X114.3	64.1
TL 3.5 TYPE S	02-on	5X114.3	64.1
TSX	04-on	5x114.3	64.1
VIGOR	91-93	4X114.3	64.1
SLX	96-99	6X139.7	108
MDX	6-Jan	5X114.3	64.1
MDX	07-on	5x120	67.1
AUDI	YEAR	BOLT PATTERN	HUB CENTER
4000S	74-84	4X100	57.1
80	up to 87	4x100	57.1
4000, QUATTRO, COUPE	85-on	4X108	57.1
5000 (NON-TURBO)	86-88	4X108	57.1
80, 90, COUPE	88-95	4X108	57.1
CABRIOLET	92-on	4X108	57.1
100	89-91	4X108	57.1
TT, TTS	99-06	5X100	57.1
TT 2.0-3.2	07-on	5X112	57.1
A3 2.0T, 3.2 QUATTRO	06-on	5X112	57.1
A5, S4, S5	08-on	5X112	66.6
A4	96-08	5X112	57.1
A4	09-on	5X112	66.6
A6	95-04	5X112	57.1
A6	12-on	5X112	66.6
A7	12-on	5X112	66.6
A8, S8+A142	95-on	5X112	57.1
100, 5000, TURBO	79-on	5X112	57.1
QUATTRO, 200	79-on	5X112	57.1
S4, S6	90-94	5X112	57.1
5000CS	90-94	5X112	57.1
Q7	07 on	5X130	71.5

<b>BMW</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>HUB CENTER</b>
318,325	84-91	4X100	57.1
318, 325, 328, 330	92-on	5X120	72.56
330	01-on	5X120	72.56
320,323	79-83	4X100	72.56
335	8-Jul	5X120	72.56
5,6,7 SERIES	75-88	5X120	72.56
5,7 SERIES	89-96	5X120	72.56
5 SERIES	97-on	5X120	74.1
6 SERIES	04-on	5X120	72.56
7 SERIES	75-87	5X120	72.56
740, 745i, 750	89-01	5X120	72.56
745, 750, 760	02-on	5X120	72.56
8-SERIES	92-on	5X120	72.56
I-SERIES	2008	5X120	72.56
M3	94-on	5x120	72.56
M5 (E60)	01-on	5x120	74.1
M6	06-on	5X120	72.56
Z3, Z4, M	96-on	5X120	72.56
Z8	01-on	5x120	72.56
X3	04-on	5X120	72.56
X5	01-on	5x120	74.1
X5 E53 Chassie	00-on	5X120	72.56
<b>BUICK</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>HUB CENTER</b>
LE SABRE, RIVIERA	64-87	5X127.0	78.3
ALL MID-SIZE RWD	64-88	5X120.7	70.3
CENTURY	80-89	5X100	57.1
CENTURY HD	86-89	5X115	70.3
CENTURY	90-05	5X115	70.3
ELECTRA	85-89	5X115	70.3
LA CROSSE	2005-2012	5X115	70.3
LA CROSSE	2013-on	5X120	
LE SABRE	86-05	5X115	70.3
LE SABRE CSM	77-85	5X120.7	70.3
LUCERNE	06-on	5X115	70.3
PARK AVENUE	85-96	5X115	70.3
PARK AVENUE ULTRA	85-05	5X115	70.3
PASSAGE	08-on	5X115	70.3
REATA	88-91	5X115	70.3
REGAL	88-96	5X115	70.3
REGAL	93-on	5X115	70.3
REGAL T-TYPE	85-89	5X115	70.3

RIVIERA	86-on	5X115	70.3
RIVIERA FWD	79-85	5X120.7	70.3
RIVIERA T-TYPE	86-89	5X115	70.3
ROADMASTER, ESTATE WAGON	90-96	5X127.0	78.3
SKYHAWK	81-89	5X100	57.1
SKYLARK (incl. GS)	81-97	5X100	57.1
SOMERSET RGL	85-87	5X100	57.1
TERRAZA	2005-07	5X115	70.3
ENCLAVE	08-on	6X132	74.5
<b>CADILLAC</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ALLANTE	87-93	5X115	70.3
BROUGHAM,FWD	85-on	5X115	70.3
CATERA	96-on	5X110	65.1
CIMMARON	81-88	5X100	57.1
DEVILLE	85-on	5X115	70.3
CTS	2003-2007	5X115	70.3
CTS type V	2004-2007	6X115	70.3
CTS	08-on	5X120	66.9
DTS	06-on	5X115	70.3
ELDORADO, SEVILLE	79-85	5X120.7	-
ELDORADO, STS	92-04	5X115	70.3
FLEETWOOD	85-88	5X115	70.3
FLEETWOOD	86-96	5X127.0	78.3
SEDAN DEVILLE	93-on	5X115	70.3
SEVILLE	76-80	5X120.7	70.3
SEVILLE	86-on	5X115	70.3
SRX	2004-2009	6X115	
SRX	2010-2015	6X120	66.9
STS	05-on	5x115	70.3
STS-V	06-on	6X115	70.3
XLR, XLR-V	03-on	5X120.7	70.3
ESCALADE, EXT	98-on	6X139.7	78.3
<b>CHEVROLET</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ALL MID & FULL SIZE RWD	55-88	5X120.7	70.3
AVEO	8-Apr	4X100	56.1
WAGONS & HD models	55-95	5X127.0	78.3
BELAIR,BISCAYNE	77-87	5X120.7	70.3
BERETTA	87-on	5X100	57.1
CAMARO	82-92	5X120.7	70.3
CAMARO	93-on	5X120.7	70.3
CAMARO,IROC Z	85-92	5X120.7	70.3
CAMARO Z-28	93-02	5X120.7	70.3

CAMARO	09-on	5X120	70.3
CAPRICE CLASSIC	90-97	5X127.0	78.1
CAVALIER	80-on	5X100	57.1
CELEBRITY	80-89	5X100	57.1
CELEBRITY EUROSPO	82-89	5X115	70.3
CHEVETTE	75-86	4X100	57.1
CITATION	80-86	5X100	57.1
COBALT	05-on	4X100	57.1
COBALT SS	05-on	5X110	65.1
CORSICA	87-on	5X100	57.1
CORVETTE	68-82	5X120.7	70.3
CORVETTE	84-on	5X120.7	70.3
CORVETTE ZR1	91-on	5X120.7	70.3
CRUZE	2009-2015	5X105	56.5
HHR	06-on	5X110	65.1
IMPALA,CAPRICE	77-87	5X120.7	70.3
IMPALA	99- on	5X115	70.3
IMPALA SS	94-96	5X127.0	78.1
IMPALA SS	06-on	5X115	70.3
LUMINA	90-02	5X115	70.3
MALIBU	97-03	5X115	70.3
MALIBU	2004-2012	5X110	65.1
MALIBU	2013-on	5X120	67.4
MONTE CARLO	95-on	5X115	70.3
NOVA/SPECTRUM	86-89	4X100	54.1
PRIZM	90-03	4X100	54.1
SPRINT	88-89	4X114.3	59.6
VENTURE	97-on	5x115	70.3
CHEVROLET/GMC TRUCK/VAN/SUV	-		
1/2 TON BLAZER, JIMMY, SUB FULL SIZE	71-91	5X127.0	78.1
1/2 TON BLAZER, JIMMY, SUB FULL SIZE	71-91	6X139.7	108
1/2 TON BLAZER, JIMMY, SUBURBAN,TA	92-on	6X139.7	78.3
TAHOE, YUKON 2X4	92-99	5X127.0	
1/2 TON BLAZER, JIMMY, SUBURBAN, TA	00-on	6X139.7	78.3
1/2 TON TRUCK ALL MODELS 2X4	67-87	5X127.0	78.3
1/2 TON TRUCK ALL MODELS 2X4	88-98	5X127.0	78.3
1/2 TON TRUCK ALL MODELS 4X4	67-87	6X139.7	108
1/2 TON TRUCK ALL MODELS 4X4	88-98	6X139.7	78.3
1/2 TON TRUCKS 2X4 & 4X4	99-on	6X139.7	78.3
3/4 TON TRUCK 2X4 & 4X4	67-on	6X139.7	100.7
3/4 & 1 TON C20, C30, K20, K30	65-87	8X165	
C2500-K3500 1 TON & HD 2X4 & 4X4	88-04	8X165	

ASTRO/SAFARI	5-Mar	6X139.7	78.3
AVALANCHE 1500, 2WD, 4WD	6-Feb	6X139.7	78.3
AVALANCHE 2500, 4WD	02-on	8X165	125
COLORADO, CANYON	04-on	6X139.7	100.7
COLORADO, CANYON	15-on	6X120	66.9
CYCLONE, TYPHOON	ALL	5X120.7	70.3
EL CAMINO, CABALLERO	64-81	5X120.7	70.3
EL CAMINO, CABALLERO	82-87	5X120.7	70.3
ENVOY	02-on	6X127	78.3
EQUINOX	2005-2009	5X115	70.3
EQUINOX	10-on	5X120	66.6
LUMINA APV	90-96	5X115	70.3
S-10, S-15 BLAZER, JIMMY, SONOMA 2X4	82-on	5X120.7	-
S-10, S-15 BLAZER, JIMMY, SONOMA 4X4	83-on	5X120.7	-
SAVANA 1500	01-on	5X127.0	-
SSR	04-on	6X127	78.3
TRACKER	98-on	5X139.7	-
TRAILBLAZER	02-on	6X127	78.3
TRAVERSE	09-on	6X132	74
UPLANDER	2005	5X115	70.3
UPLANDER	06-on	6x115	70.3
VAN G-SERIES 1/2 TON	71-96	5X127.0	-
VAN G-SERIES, 3/4 TON	96-97	6X139.7	-
VAN EXPRESS 1500	97-02	5X127	78.3
VAN EXPRESS 1500, SAVANA	03-on	6X139.7	78.3
VAN EXPRESS, SAVANA 2500, 3500,	97-on	8X165	117
VENTURE	97-	5X115	70.3
SUBURBAN 2X4 & 4X4	65-87	8X165	
<b>CHRYSLER</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
FULL SIZE (CORDOBA, MIRADA, FIFTH A	68-87	5X114.3	04-
300C RWD AWD SRTS	05-on	5X115	71.5
300M	99-04	5X114.3	71.5
CONCORDE, LXI	93-04	5X114.3	71.5
CROSSFIRE	04-on	5X112	66.56
LEBARON	81-85	4X100	57.1
LEBARON	85-on	5X100	57.1
PACIFICA	04-on	5X127	71.5
PT CRUISER (ALL)	01-on	5X100	57.1
SEBRING LXI COUPE	96-06	5X114.3	67.1
SEBRING CONVERTIBLE JX	96-07	5X100	57.1
SEBRING CONVERTIBLE, SEDAN	07-on	5X114.3	67.1
<b>DODGE</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>

ALL FULL SIZE (CORONET, MONACO, PO	57-77	5X114.3	-
ARIES	81-86	4X100	57.1
ARIES	86-89	5X100	57.1
AVENGER	95-on	5X114.3	67.1
AVENGER ES	97-on	5X114.3	67.1
CALIBER SE FWD SXT SPORT RT SRT	07-on	5X114.3	67.1
CHARGER 2.2	82-86	4X100	57.1
CHARGER RWD SE SXT RT DAYTONA	06-on	5X115	71.5
COLT 3	79-92	4X114.3	57.1
COLT	93-94	4X100	57.1
DAYTONA	82-84	4X100	57.1
DAYTONA	85-93	5X100	57.1
DAYTONA	88-93	5X100	57.1
DAYTONA TURBO	85-93	5X100	57.1
DYNASTY	88-93	5X100	57.1
INTREPID	93-on	5X114.3	71.5
LANCER	85-89	5X100	57.1
LANCER TURBO	86-89	5X100	57.1
MAGNUM RWD, AWD	05-on	5X115	71.5
MONACO	90-92	5X108	-
NEON	94-96	4X100	57.1
NEON 5	94-on	4X100 OR 5X100	57.1
NEON SRT4	03-on	5X100	57.1
SHADOW	87-94	5X100	57.1
SHADOW	87-94	5X100	57.1
SPIRIT	89-94	5X100	57.1
SPIRIT	89-95	5X100	57.1
STEALTH	91-96	5X114.3	67.1
STEALTH ES,RT	91-95	5X114.3	67.1
STEALTH AWD, TURBO	91-96	5X114.3	-
STRATUS	95-on	5X100	57.1
STRATUS/ STRATUS RT	02-on	5X114.3	57.1
VIPER	ALL	6X114.3	71.5
DODGE VAN TRUCK SUV			
CARAVAN	84-85	4X100	57.1
CARAVAN	86-96	5X100	57.1
GRAND CARAVAN, CARAVAN LE	87-on	5X114.3	71.5
GRAND CARAVAN SPORT	97-98	5X114.3	71.5
GRAND CARAVAN SPORT	99-on	5X114.3	71.5
D-50 & RAM 50 2WD	79-93	6X139.7	-
D-50 & RAM-50 4WD, TURBO DIESEL	83-93	6X139.7	108
DAKOTA 2WD,LE H.D. & 4WD	87-90	5X114.3	71.5

DAKOTA 4X4,(OPT.2WD)	87-90	5X114.3	71.5
DAKOTA 2&4WD	91-04	6X114.3	71.5
DAKOTA R/T	00-on	6X114.3	-
DAKOTA 2WD 4WD	05-on	5X139.7	77.8
DURANGO, DURANGO R/T	98-03	6X114.3	71.5
DURANGO 2WD 4WD	2004-2009	5X139.7	77.8
DURANGO 2WD 4WD	11-on	5X127	71.5
NITRO 2WD 4WD STX SLT RT	07-on	5X114.3	71.5
RAIDER 4WD	86-89	6X139.7	108
RAMCHARGER 2WD,4WD With Auto Hubs	75-85	5X114.3	71.5
RAMCHARGER	79-83	5X139.7	77.8
RAMPAGE	78-85	4X100	57.1
ALL 1/2 TON TRUCK,VAN	49-85	5X114.3	-
RAM 1/2 TON TRUCK, 3/4 TON, & 1/2 TON	79-93	5X139.7	77.8
RAM 1/2 TON TRUCK 2 & 4WD	2002-on	5X139.7	77.8
RAM 1/2 TON TRUCK 2 & 4WD	12-on	5X139.7	77.8
RAM VAN	85-96	5X139.7	77.8
3/4 & 1 TON 2X4 PICKUP 4X4 PICKUP	46-93	8X165	-
3/4 & 1 TON 2X4 PICKUP 4X4 PICKUP	94-11	8X165	122.5
3/4 & 1 TON 2X4 PICKUP 4X4 PICKUP	12-on	8X165	122.5
<b>FORD</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ASPIRE	94-on	4X100	54.1
CONTOUR	95-on	4X108	63.9
CROWN VICTORIA	91-on	5X114.3	70.5
ESCORT	81-90	4X108	63.6
ESCORT LX, WAGON	91-94	4X100	54.1
ESCORT GT	91-96	4X100	54.1
ESCORT LX	92-97	4X100	54.1
EXP	81-85	4X108	63.9
FESTIVA	87-93	4X114.3	-
FOCUS, SVT	2000-on	4X108	63.9
FUSION	06-on	5X114.3	67.1
FULL SIZE (GALAXIE,CUSTOM,ETC.)	57-64	5X114.3	-
FULL SIZE (CUSTOM,GALAXIE,T-BIRD,ET	65-72	5X114.3	-
FULL SIZE (CUSTOM,GALAXIE,T-BIRD)	73-78	5X127	-
FULL SIZE (CROWN VICTORIA,CUSTOM,	79-96	5X114.3	-
GRANADA,LTD II,FAIRMONT,T-BIRD	78-88	4X108	-
MID-SIZE (FAIRLANE,FALCON, MAVERIC	64-74	4X114.3	-
MID-SIZE (FAIRLANE,FALCON, MAVERIC	64-73	5X114.3	-
MUSTANG	79-93	4X108	-
MUSTANG	94-on	5X114.3	-
MUSTANG GT	94-on	5X114.3	70.3

MUSTANG GT (OPT.), COBRA	97-on	5X114.3	70.3
MUSTANG 5.0GT	85-91	4X108	-
MUSTANG 5.0GT	91-93	4X108	-
MUSTANG	2015-on	5X114.3	73.1
PROBE	88-92	5X114.3	59.6
PROBE	93-96	5X114.3	67.1
PROBE GT	88-97	5X114.3	59.6
T-BIRD	85-88	4X108	-
T-BIRD	89-97	5X108	63.4
T-BIRD SC	89-97	5X108	63.4
T-BIRD	02-on	5X108	63.4
TAURUS	86-96	5X108	63.4
TAURUS	86-on	5X108	63.4
TAURUS SHO	97	5X108	63.4
TAURUS	08-on	5X114.3	63.3
TEMPO	83-85	4X108	63.9
TEMPO	85-94	4X108	63.9
TEMPO	92-94	4X108	63.9
ZX2	97-03	4X100	54.1
FORD VAN, TRUCK, SUV			
AEROSTAR	85-97	5X114.3	-
BRONCO (FULLSIZE)	66-on	5X139.7	86.7
BRONCO II 7	82-90	5X114.3	70.3
COURIER PICKUP	77-84	6X139.7	108
ESCAPE	2001-2012	5X114.3	67.1
ESCAPE	2013-on	5X108	63.4
ECONOLINE E-150 VAN	02-on	5X139.7	87
EXPEDITION	97-00	5X135	87
EXPEDITION	2-Jan	5X135	87
EXPEDITION	03-on	6x135	87
EXPLORER, EXPLORER SPORT TRAC 7	90-on	5X114.3	70.3
F1/2 TON F-100,150 TRUCK	54-95	5X139.7	87
F150 TRUCK	97-99	5X135	87
F-250 LIGHT DUTY	97-99	7X150	-
F150 TRUCK (HERITAGE)	00-04	5X135	87
F150 TRUCK (NEW BODY)	2004-2014	6x135	87
F150 TRUCK (NEW BODY)	2015-on	6x135	87
F150 XL HEAVY 2WD 4WD	04-on	7X150	87
RANCHERO	65-84	5X114.3	-
RANGER 2WD, 4WD	81-on	5X114.3	70.3
WINDSTAR	94-on	5X108	63.9
1/2 TON E-100,150 VAN	68-84	5X114.3	-



1/2 TON E-100,150 VAN	70-96	5X139.7	-
F-250 / F-350 2WD, 4WD	55-79	8X165	
F-250 / F-350 2WD, 4WD	80-98	8X165	124.9
F-250 / F-350 EXCURSION 2WD, 4WD	99-02	8X170	124.9
F-250 / F-350 EXCURSION 2WD, 4WD	03-on	8X170	124.9
OR F-250 / F-350 2WD, 4WD	06-on	8X200	160
<b>HONDA</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ACCORD	82-89	4X100	56.1
ACCORD	90-96	4X114.3	64.1
ACCORD EX,LX,WAGON	90-97	4X114.3	64.1
ACCORD	98-	4X114.3	64.1
ACCORD (V-6)	98-on	5X114.3	64.1
CIVIC	80-96	4X100	56.1
CIVIC, EX	89-on	4X100	56.1
CIVIC SI HATCHBACK	02-on	5X114.3	70.3
CIVIC HYBRID	5-Mar	4X100	56.1
CIVIC HYBRID	06-on	5X114.3	64.1
CRX SI	86-91	4X100	56.1
CRX,PRELUDE	80-91	4X100	56.1
DEL SOL, V-TECH	92-on	4X100	56.1
DEL SOL	93-97	4X100	56.1
FIT	07-on	4X100	56.1
INSIGHT	01-on	4X100	56.1
PRELUDE	92-96	4X114.3	64.1
PRELUDE SI	86-91	4X100	56.1
PRELUDE SI	92-96	4X114.3	64.1
PRELUDE, V-TECH	97-01	5X114.3	70.3
S2000	99-on	5X114.3	70.3
EV MINI VAN	97-on	4X114.3	64.1
ELEMENT LX, EX, SC	03-on	5X114.3	64.1
CR-V	97-on	5X114.3	64.1
ODYSSEY	95-04	5X114.3	70.3
ODYSSEY LX, EX, TOURING W/PAX	05-on	5X120	64.1
PASSPORT	94-on	6X139.7	108
PILOT	03-on	5X114.3	64.1
RIDGELINE	06-on	5X120	64.1
<b>HUMMER</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
H1 no CIS	ALL	8X165.1	117
H2	03-on	8X165.1	117
H3, H3X, H3 ALPHA BASE LUXURY	06-on	6X139.7	100
<b>INFINITI</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
G20	91-96	4X114.3	66.1

G35	03-on	5X114.3	66.1
i30, i30T	95-01	5X114.3	66.1
i35	02-on	5X114.3	66.1
J30	92-97	5X114.3	66.1
M30	90-92	4X114.3	66.1
M35, M45	03-on	5X114.3	66.1
Q45, Q45 T	90-on	5X114.3	66.1
EX35	08-on	5X114.3	66.1
FX35/45	04-on	5X114.3	66.1
QX4	96-on	6X139.7	108
QX56	04-on	6X139.7	77.8
<b>INFINITI</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
I-MARK TURBO	87-89	4X100	60.1
IMPULSE	83-92	4X100	60.1
STYLUS	91-on	4X100	60.1
AMIGO	89-00	6X139.7	108
AXIOM	02-on	6X139.7	108
HOMBRE	96-01	5X120.7	70.3
OASIS	97-02	5X114.3	70.3
PICKUP	80-96	6X139.7	108
RODEO, RODEO SPORT	91-04	6X139.7	108
TROOPER	92-03	6X139.7	108
TROOPER II	84-91	6X139.7	108
VEHICROSS	99-on	6X139.7	108
<b>JAGUAR</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
XJ, XK ALL MODELS 2	69-03	5X120.7	74.1
S-TYPE	99-on	5X108	63.6
X-TYPE	02-on	5X108	63.6
<b>JEEP</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ALL JEEP,CJ	46-85	5X139.7	108
ALL 6 LUG JEEP CHEROKEE, GRAND WA	74-92	6X139.7	108
CHEROKEE	80-01	5X114.3	71.5
CHEROKEE	14-on	5x110	
COMPASS	07-on	5x114.3	67.1
WRANGLER	80-06	5X114.3	71.5
WRANGLER	07-on	5x127	71.5
COMMANDER	06-on	5x127	71.5
COMMANCHE,CHIEF	80-93	5X114.3	71.5
GRAND CHEROKEE	93-98	5X114.3	71.5
GRAND CHEROKEE	99-10	5x127.0	71.5
GRAND CHEROKEE	11-on	5x127.0	
LIBERTY	7-Feb	5X114.3	71.5

LIBERTY	08-on	5X114.3	67.1
PATRIOT, PROSPECTOR	07-on	5X114.3	67.1
RENEGADE	15-17	5X110	65.1
J-20 SERIES	ALL	8x165	-
<b>KIA</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
AMANTI	8-Apr	5X114.3	67.1
OPTIMA LE, EX	6-Jan	4X114.3	67.1
OPTIMA 2.4L, 2.7L	07-on	5X114.3	67.1
RIO	00-on	4x100	54.1
SEPHIA, SPECTRA	94-on	4X100	56.1
SPECTRA EX, SX, 5	05-on	4X114.3	67.1
RONDO LX, EX, SENTRY	07-on	5X114.3	67.1
SEDONA	5-Feb	5X114.3	67.1
SEDONA LX, EX	06-on	6X139.7	92.3
SORENTO	10-Mar	5X139.7	
SORENTO	11-on	5X114.3	
SPORTAGE	94-04	5X139.7	108
SPORTAGE LX, EX	05-on	5X114.3	67.1
<b>LAND ROVER</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
DEFENDER DISCOVERY, RANGE ROVER	PRE 99	5X165	
DISCOVERY, DISCOVERY II	99-04	5X120	72.56
FREELANDER SE, SE3	05-on	5X114.3	64.1
LR2	08-on	5X108	63.4
LR3 SE, HSE	05-on	5X120	72.56
RANGE ROVER (ALL)	96-on	5X120	72.56
<b>LEXUS</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ES 250	90-91	5X100	54.1
ES 300, 330, 350	92-on	5X114.3	60.1
GS 300	93-on	5X114.3	60.1
GS 400	98-00	5X114.3	60.1
GS 430	01-on	5X114.3	60.1
IS 300	2000-on	5X114.3	60.1
LS 400	90-94	5X114.3	60.1
LS 400	95-on	5X114.3	60.1
LS 430	2000-on	5X114.3	60.1
LS 460 (SPECIAL OFFSET)	07-on	5X120	60.1
LS HL	08-on	5X120	60.1
SC 300	92-96	5X114.3	60.1
SC 400	91-on	5X114.3	60.1
SC 430 8	02-on	5X114.3	60.1
GX 470	03-on	6X139.7	108
LX 450	96-97	6X139.7	108

LX 470	98-07	5x150	110
LX 570	08-on	5X150	110
RX300	98-03	5x114.3	60.1
RX330 & 350 FWD, RWD	04-on	5X114.3	60.1
RX400H FWD, RWD	07-on	5X114.3	60.1
<b>LINCOLN</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
CONTINENTAL	88-03	5X108	63.6
CONTINENTAL ,MARK III	68-72	5X114.3	70.3
CONTINENTAL, MARK III	73-79	5X127	-
LS	99-06	5X108	63.6
LSC	88-on	5X114.3	-
MARK VII	84-92	5X114.3	-
MARK VIII	93-on	5X108	63.6
TOWN CAR	82-97	5X114.3	-
TOWN CAR	98-on	5X114.3	-
BLACKWOOD	01-on	5X135	87
NAVIGATOR	97-00	5X135	87
NAVIGATOR	2-Jan	5X135	87
BLACKWOOD	02-on	5X135	87
NAVIGATOR	03-on	6X135	87
ZEPHYR	06-on	5X114.3	67.1
<b>MAZDA</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
3 I, S, MAZDASPEED3	04-on	5X114.3	67.1
5 SPORT, TOURING	06-on	5X114.3	67.1
6 I, S, MAZDASPEED	03-on	5X114.3	67.1
GLC	82-85	4X114.3	59.6
MIATA, MX5 (Use Acorn Lug Nuts)	90-05	4X100	54.1
MX-5 MIATA	06-on	5X114.3	67.1
MILLENNIA	94-03	5X114.3	67.1
MX-3	92-96	4X100	54.1
MX-3 GS	92-96	4X100	54.1
MX-6	88-97	5X114.3	59.6
PROTEGE	90-01	4X100	54.1
PROTfGf,PROTfGf 5, MP3	02-on	5X114.3	67.1
RX-7	93-96	5X114.3	67.1
RX7 GS,SPORT1	79-85	4X110	-
RX7 GSL/SE	84-88	4X114.3	59.6
RX7 GXL,GTU	86-92	5X114.3	59.6
RX7 TURBO II	87-92	5X114.3	59.6
RX8	04-on	5X114.3	67.1
323 9	86-89	4X114.3	59.6
323 9	90-94	4X100	54.1

626	83-87	4X114.3	59.6
626	88-on	5X114.3	67.1
929	88-on	5X114.3	67.1
B-2000, 2200, 2300, 2600 PICKUP	77-93	6X139.7	108
B-2500, 3000, 4000 PICKUP	93-on	5X114.3	-
MPV	89-98	5X114.3	67.1
MPV	99-on	5X114.3	67.1
NAVAJO	90-on	5X114.3	-
SE-5 OPT.15	77-93	6X139.7	-
TRIBUTE	01-on	5X114.3	67.1
<b>MERCURY</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
CAPRI	91-94	4X114.3	59.6
CAPRI	74-86	4X108	63.4
COUGAR	89-97	5X108	63.9
COUGAR	99-on	4X108	63.9
COUGAR	78-79	5X114.3	-
COUGAR	73-78	5X127.0	-
COUGAR XR-7	91-96	5X114.3	-
COUGAR XR7,MARAUDER,MARQUIS,ME	95-on	5X114.3	-
FULL SIZE (GRAND MARQUIS,MONTCLAI	82-83	4X108	63.9
GRAND MARQUIS	81-87	4X108	63.9
LN-7	85-89	4X108	63.9
LYNX	68-78	5X114.3	-
MERKUR XR-4TI	78-85	4X108	-
MID-SIZE (COMET,COUGAR,MARQUIS,M	95-96	4X108	63.9
MONARCH,MARQUIS,ZEPHER	95-96	4X108	63.9
MYSTIQUE	86-92	5X108	63.9
MYSTIQUE	86-96	5X108	63.9
SABLE	94-on	5X108	63.9
SABLE	83-85	4X108	63.9
SABLE	86-94	4X108	63.9
TOPAZ	92-94	4X108	63.9
TOPAZ	88-90	4X114.3	59.6
TOPAZ	91-96	4X100	54.1
TRACER	91-99	4X100	54.1
MARINER 2WD, 4WD, HYBRID	05-on	5X114.3	67.1
MOUNTAINEER	96-on	5X114.3	70.3
VILLAGER	93-on	5X114.3	66.1
<b>MINI</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
COOPER & COOPER S	2002-2006	4X100	56.1
COOPER & COOPER S	07-on	4X100	56.1
CLUBMAN, CLUBMAN S	08-on	4X100	56.1

<b>MITSUBISHI</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
CORDIA,TREDIA	83-88	4X114.3	67.1
CORDIA,TREDIA	86-88	4X114.3	67.1
DIAMANTE	91-04	5X114.3	67.1
ECLIPSE	89-on	5X114.3	67.1
ECLIPSE TURBO	89-97	5X114.3	67.1
EXPO	91-95	4X114.3	67.1
GALANT	85-96	4X114.3	67.1
GALANT	97-on	5X114.3	67.1
LANCER LS 15"	02-on	4X114.3	67.1
LANCER ES W, OE, 14"	2002-2007	4X100	56.1
LANCER EVOLUTION	04-on	5X114.3	67.1
LANCER PZ, RALLY, RALLIART	2002-2007	4X114.3	67.1
LANCER DE, ES, GTS	08-on	5X114.3	67.1
MIRAGE 3	85-92	4X114.3	67.1
MIRAGE	85-92	4X114.3	67.1
MIRAGE	93-96	4X100	56.1
MIRAGE	94-97	4X100	56.1
MIRAGE COUPE	97-on	4X100	56.1
PRECIS 3	83-93	4X114.3	67.1
RAIDER LS, 2WD, RWD, DUROCROSS	06-on	5X139.7	77.8
STARION	83-85	4X114.3	67.1
STARION	84-87	4X114.3	67.1
STARION,TURBO	86-89	5X114.3	67.1
3000,GT,SL	91-96	5X114.3	67.1
3000 GT VR4	91-97	5X114.3	67.1
MONTERO	83-91	6X139.7	-
MONTERO	92-on	6X139.7	-
PICKUP	83-96	6X139.7	-
PICKUP	83-94	6X139.7	-
VAN/WAGON	87-90	5X114.3	-
<b>NISSAN</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ALTIMA	93-01	4X114.3	66.1
ALTIMA	02-on	5X114.3	66.1
MAXIMA	85-88	4X114.3	66.1
MAXIMA	89-on	5X114.3	66.1
NX 2000	91-93	4X100	59.1
PULSAR SE	87-90	4X100	59.1
PULSAR XE	87-90	4X100	59.1
SENTRA	83-86	4X114.3	66.1
SENTRA	87-99	4X100	59.1
SENTRA	00-06	4x114.3	66.1

SENTRA S SE, R, SER	8-Jul	4x114.3	66.1
SENTRA S, SL	8-Jul	5x114.3	66.1
STANZA	79-83	4X114.3	66.1
STANZA	87-92	4X114.3	66.1
200SX & TURBO	84-88	4X114.3	66.1
200SX	95-97	4X100	59.1
200SX	95-97	4X100	59.1
200SX SE-R	95-97	4X100	59.1
240SX	89-96	4X114.3	66.1
240SX,SE	95-96	5X114.3	66.1
240Z,260Z,280Z	70-85	4X114.3	66.1
300ZX	84-86	4X114.3	66.1
300ZX	90-96	5X114.3	66.1
300ZX TURBO	84-89	5X114.3	66.1
300ZX,TURBO	84-89	5X114.3	66.1
NISSAN TRUCK, VAN, SUV			
ARMADA 2WD, 4WD	04-on	6X139.7	77.8
AXXESS	90-on	4X114.3	66.1
XTERRA	00-04	6X139.7	-
XTERRA	05-on	6x114.3	
FRONTIER	98-04	6X139.7	-
FRONTIER	05-on	6x114.3	-
MURANO	03-on	5X114.3	66.1
PATHFINDER 2WD & 4WD	87-96	6X139.7	-
PATHFINDER 2WD & 4WD	96-97	6X139.7	-
PATHFINDER 2WD & 4WD	2004	6X139.7	-
PATHFINDER 2WD & 4WD	05-on	6x114.3	-
PICKUP 2WD/4WD	73-86	6X139.7	-
QUEST	93-on	5X114.3	66.1
TITAN (ALL)	04-on	6X139.7	78.1
2WD PICKUP	87-96	6X139.7	-
4WD PICKUP	87-96	6X139.7	-
<b>OLDSMOBILE</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ACHIEVA	92-on	5X100	57.1
ACHIEVA S,SL	92-97	5X100	57.1
ACHIEVA SC	92-97	5X100	57.1
ALERO	98-on	5X115	70.3
AURORA	94-on	5X115	70.3
CALAIS	88-90	5X100	70.3
CIERA,CUTLASS	82-91	5X100	70.3
CIERA H.D.,CRUSIER (FWD)	83-96	5X115	70.3
CUTLASS,CALAIS,CIERA	82-91	5X100	70.3

CUTLASS SUPREME (FWD)	88-91	5X115	70.3
CUTLASS SUPREME (FWD)	88-97	5X115	70.3
CUTLASS SUPREME (FWD)	89-97	5X115	70.3
ALL MID-SIZE RWD (CUTLASS,F85,442,E	65-87	5X120.7	-
88,98 DELTA,REGENCY,ROYALE (FWD)	85-91	5X115	70.3
88,98 DELTA,REGENCY,ROYALE (FWD)	86-96	5X115	70.3
88,98 DELTA,REGENCY,ROYALE (FWD)	89-96	5X115	70.3
ALL FULL SIZE 88,98,RWD (W/O 403 ENG.	77-85	5X120.7	-
ALL FULL SIZE 88,98,RWD (W/403 ENG.)	64-92	5X127.0	-
INTRIGUE	97-on	5X115	70.3
LSS	97-on	5X115	70.3
FIRENZA	82-88	5X100	57.1
FIRENZA	88-88	5X100	57.1
OMEGA	80-85	5X100	57.1
REGENCY	97-on	5X115	70.3
TORONADO	86-88	5X115	70.1
TORONADO FWD	79-85	5X120.7	-
TORONADO TROFEO	86-92	5X115	70.3
TORONADO TROFEO	90-92	5X115	70.3
BRAVADA	91-on	5X120.7	-
BRAVADA	02-on	6X127	78.3
SILHOUETTE	90-on	5X115	70.3
<b>PLYMOUTH</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ACCLAIM	89-91	5X100	57.1
ACCLAIM	89-95	5X100	57.1
BREEZE 5	96-on	5X100	57.1
CARAVELLE, LE	85-89	5X100	57.1
FULL SIZE (BELVEDERE,FURY,SATELLIT	57-89	5X114.3	-
HORIZON,OMNI	79-90	4X100	57.1
LASER	89-94	5X114.3	67.1
LASER RS & RS TURBO,AWD	89-94	5X114.3	67.1
MID-SIZE RWD MODELS W/DISC BRAKE	70-80	5X114.3	-
NEON 5	96-on	5X100	57.1
RELIANT	81-85	4X100	57.1
RELIANT	86-89	5X100	57.1
SUNDANCE	84-94	5X100	57.1
VISTA	85-91	4X114.3	67.1
VISTA	85-94	4X114.3	67.1
ARROW P/U	79-82	6X139.7	-
VOYAGER	81-85	4X100	57.1
VOYAGER	86-96	5X100	57.1
GRAND VOYAGER	88-on	5X114.3	71.5



TRAIL DUSTER	79-82	5X114.3	-
<b>PONTIAC</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
ALL MID SIZE( GRAND PRIX,GTO,LEMAN	64-87	5X120.7	-
ALL FULL SIZE RWD (W/O 403 ENG.)	77-86	5X120.7	-
ALL FULL SIZE RWD (W/O 403 ENG.)	71-90	5X120.7	-
AZTEC	5-Jan	5X115	70.3
BONNEVILLE FWD	87-05	5X115	70.3
FIERO	84-88	5X100	57.1
FIREBIRD	82-92	5X120.7	70.3
FIREBIRD	93-02	5X120.7	70.3
FIREBIRD,TRANS AM	67-92	5X120.7	70.3
G5 (Base)	07-on	4X100	57.1
G5 GT	07-on	5X110	65.1
G6 BASE & GT	05-on	5110	65.1
G8	08-on	5X120.7	69.5
GRAND AM	85-98	5X100	57.1
GRAND AM	99-05	5x115	70.3
GRAND PRIX	88-92	5X115	70.3
GRAND PRIX	88-on	5X115	70.3
GRAND PRIX, GTP	89-97	5X115	70.3
GRAND PRIX	99-on	5X100	57.1
GTO (NEW)	04-on	5X120.7	70.3
J-2000,6000	82-84	5X100	57.1
LE MANS	88-93	4X100	57.1
MONTANA	99-on	5X115	70.3
PHOENIX	80-85	5X120.7	-
PHOENIX	83-84	5X100	57.1
SOLSTICE	06-on	5X100	65.1
SUNBIRD	85-89	5X100	57.1
SUNBIRD	85-94	5X100	57.1
SUNFIRE	95-97	5X100	57.1
SUNFIRE	95-on	5X100	57.1
SUNFIRE	95-97	5X100	57.1
TORRENT FWD, AWD	06-on	5X115	70.3
TRANS AM	84-92	5X120.7	57.1
TRANS AM	93-97	5X120.7	57.1
TRANS SPORT	90-97	5X115	70.3
TRANS SPORT	90-91	5X115	70.3
VIBE	03-on	5X100	57.1
6000	82-89	5X100	57.1
6000	83-91	5X115	70.3
<b>PORSCHE</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>

924	77-86	4X108	71.5
BOXTER, CATENNE, CARMAN, 911, CAR	ALL	5X130	71.5
<b>SATURN</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
AURA XE,XR	07-on	5X110	65.1
L SERIES	99-on	5x110	65.1
S SERIES	91-on	4X100	57.1
OUTLOOK	07-on	6X132	74.5
RELAY	7-May	5X115	70.3
SKY, SKY REDLINE	07-on	5X110	65.1
VUE	02-on	5x115	65.1
<b>SCION</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
TC	05-on	5X100	54.1
XA	04-on	4X100	54.1
XB	04-on	4X100	54.1
XB	08-on	5X114.3	60.1
XD	08-on	5X100	54.1
<b>SUZUKI</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
AERIO	7-Feb	4X100	54.1
ESTEEM	95-97	4X100	56.5
FORENZA	04-on	4X114.3	56.5
RENO	05-on	4X114.3	56.5
SWIFT	89-01	4X114.3	60.1
SAMURAI	86-93	5X139.7	-
SIDEKICK	89-96	5X139.7	-
SIDEKICK	96-97	5X139.7	-
X-90	96-98	5X139.7	--
XL-7	01-on	5X139.7	-
XL-7 LUXURY, LIMITED	07-on	5X115	70.3
VIATARA 5	98-04	5X139.7	108
VISION	07-on	5X139.7	108
GRAND VITARA	99-05	5X139.7	108
GRAND VITARA	06-on	5X114.3	67.1
<b>TOYOTA</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
AVALON	95-on	5X114.3	60.1
CAMRY	83-91	5X100	54.1
CAMRY	92-on	5X114.3	60.1
CAMRY SOLARA	99-on	5X114.3	60.1
CELICA	76-85	4X114.3	60.1
CELICA	86-91	4X100	54.1
CELICA	86-96	5X100	54.1
CELICA	90-96	5X100	54.1

CELICA	2000-on	5X100	54.1
COROLLA	88-02	4X100	54.1
COROLLA	03-on	5X100	54.1
CRESSIDA	85-88	4X114.3	60.1
CRESSIDA	89-92	5X114.3	60.1
ECHO	00-05	4X100	54.1
MATRIX	03-on	5X100	54.1
MR-2	85-89	4X100	54.1
MR-2	90-92	5X114.3	60.1
MR-2	92-95	5X114.3	60.1
MR-2 SPYDER	00-on	4X100	54.1
PASEO	92-96	4X100	54.1
PRIUS	2001-2003	4X100	54.1
PRIUS	04-on	5X100	54.1
SUPRA	79-82	4X114.3	60.1
SUPRA	93-96	5X114.3	60.1
SUPRA	93-96	5X114.3	60.1
SUPRA	93-96	5X114.3	60.1
SUPRA L	83-85	4X114.3	60.1
SUPRA,TURBO	86-93	5X114.3	60.1
TERCEL	83-97	4X100	54.1
YARIS	07-on	4X100	54.1
TOYOTA PICKUP, VAN, SUV			
PICKUP 2WD	80-95	5X114.3	-
PICKUP 4WD, 4 RUNNER	80-95	6X139.7	-
4-RUNNER	96-97	6X139.7	-
4WD PICKUP	86-95	6X139.7	-
HIGHLANDER	01-on	5X114.3	60.1
LANDCRUISER	69-92	6X139.7	-
LANDCRUISER	93-97	6X139.7	-
LANDCRUISER	98-on	5X150	110
PREVIA	90-96	5X114.3	60.1
RAV4	96-on	5X114.3	67.1
SEQUOIA	7-Jan	6X139.7	108
SEQUOIA	08-on	5X150	110
SIENNA	97-on	5X114.3	60.1
T-100	93-96	6X139.7	108
TACOMA 2WD	95-on	5X114.3	67.1
TACOMA 4WD	95-97	6X139.7	108
TACOMA 2WD oe 16"	05-on	6X139.7	106
TUNDRA	99-06	6X139.7	108
TUNDRA	07-on	5X150	110

VAN WAGON 2WD	84-90	4X114.3	-
<b>VOLKSWAGEN</b>	<b>YEAR</b>	<b>BOLT PATTERN</b>	<b>CENTER BORE</b>
BEETLE NEW	98-on	5X100	57.1
CABRIO	97-03	4X100	57.1
CORRADO	89-92	4X100	57.1
CORRADO V-6	93-94	5X100	57.1
EUROVAN	92-on	5x112	57.1
EOS	07-on	5X112	57.1
GOLF	85-98	4X100	57.1
GOLF V-6	93-98	5X100	57.1
GOLF	99-on	5X100	57.1
GTI	99-05	5X100	57.1
GTI	06-on	5X112	57.1
GTI R32	08-on	5X112	57.1
JETTA	81-98	4X100	57.1
JETTA V-6	93-98	5X100	57.1
JETTA	99-05.5 (Mid Yr 05)	5X100	57.1
JETTA	05.5 (Mid Yr 05) -on	5x112	57.1
PASSAT	90-97	4X100	57.1
PASSAT V6	92-97	5X100	57.1
PASSAT , PASSAT WAGON	98-on	5X112	57.1
QUANTUM	82-89	4X100	57.1
TOUAREG	03-on	5X130	71.5
RABBIT	07-on	5X112	57.1
SCIROCCO 16 VALVE	81-88	4X100	57.1