

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER D-267-2  
Relating to Exemptions Under Section 27156  
of the Vehicle Code

CYCLONE USA, INC.  
TORNADO AIR MANAGEMENT SYSTEMS

Pursuant to the authority vested in the Air Resources Board (ARB) by Section 27156 of the Vehicle Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the installation of the Tornado Air Management Systems (Tornado Systems) manufactured by Cyclone USA, Inc. (Cyclone) of 13360 Firestone Boulevard, Suite H, Santa Fe Springs, CA 90670 has been found not to reduce the effectiveness of the applicable vehicle pollution control system, and therefore, the device is exempt from the prohibitions of Section 27156 of the Vehicle Code for installation on the selected vehicle makes and model-years listed in the enclosed Application Guide.

This Executive Order is valid provided that installation instructions for Cyclone's Tornado Systems will not recommend tuning the vehicle to specifications different from those of the vehicle manufacturer.

Changes made to the design or operating conditions of the Tornado Systems, as exempt by the ARB, which adversely affect the performance of a vehicle's pollution control system, shall invalidate this Executive Order.

Marketing of the Tornado Systems using any identification other than that shown in this Executive Order or marketing of the Tornado Systems for an application other than those listed in this Executive Order shall be prohibited unless prior approval is obtained from the ARB.

This Executive Order does not constitute any opinion as to the effect the use of the Tornado Systems may have on any warranty either expressed or implied by the vehicle manufacturer.

In addition to the foregoing, the ARB reserves the right to conduct additional emission tests, in the future, as such tests are developed, that will more adequately measure emissions from all cycle phases. If such test results demonstrate that the Tornado Systems listed in the Application Guide adversely affect emissions during off-cycle conditions (defined as those conditions which are beyond the parameters of the Cold-Start CVS-75 Federal Test Procedure), this Executive Order shall be effectively rescinded as of the date the test results are validated. Further, if such test results or other evidences provide the ARB with reasons to suspect that the Tornado Systems listed in the Application Guide will affect the durability of the emission control system, Cyclone shall be required to submit durability data to show that the durability of the vehicle emission control system is not,

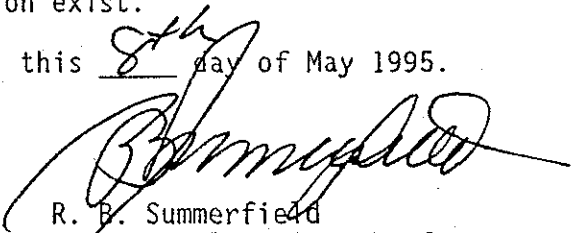
in fact, affected and/or that the add-on or modified part demonstrates adequate durability. In addition to the foregoing, the ARB reserves the right in the future to review this Executive Order and the exemption provided herein to assure that the exempted add-on or modified part continues to meet the standards and procedures of California Code of Regulations, Title 13, Section 2222, et seq.

THIS EXECUTIVE ORDER DOES NOT CONSTITUTE A CERTIFICATION, ACCREDITATION, APPROVAL, OR ANY OTHER TYPE OF ENDORSEMENT BY THE AIR RESOURCES BOARD OF THE CLAIMS OF THE APPLICANT CONCERNING ANTI-POLLUTION BENEFITS OR ANY ALLEGED BENEFITS OF CYCLONE USA, INC'S TORNADO AIR MANAGEMENT SYSTEMS.

No claim of any kind, such as "Approved by the Air Resources Board", may be made with respect to the action taken herein in any advertising or other oral or written communication.

Violation of any of the above conditions shall be grounds for revocation of this order. The order may be revoked only after ten day written notice of intention to revoke the order, in which period the holder of the order may request in writing a hearing to contest the proposed revocation. If a hearing is requested, it shall be held within ten days of receipt of the request, and the order may not be revoked until a determination after the hearing that grounds for revocation exist.

Executed at El Monte, California, this 8<sup>th</sup> day of May 1995.

  
R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

# Application Guide of Tornado Air Management Systems

(revised 6/94)

Year	Model	Engine	Tornado	Year	Model	Engine	Tornado
<b>ACURA</b>				89-93	REGAL	6/3.1	KI65
90-94	INTEGRA	4/1.8	KI75	82-83	REGAL	8/5.7	KC30C
88-89	INTEGRA	4/1.6	KI65	79-89	Regal	6/3.8 2bri carb	KC60C
86-87	INTEGRA	4/1.6	KI60	74-87	REGAL	ALL 8 Cyl.	KC40C
91-93	LEGEND	6/3.2	KI80	88	REGAL	6/2.8	KI70
88-90	LEGEND	6/2.7	KI75	83-85	RIVIERA	8/5.0-8/5.7R	KC30
92-93	VIGOR	5/2.5	KI75	85-92	RIVIERA	ALL 6 Cyl.	KI65
<b>ALFA ROMEO</b>				77-85	RIVIERA	8/5.7X	KC30C
86-89	MILANO	6/ALL	KI65	76-84	RIVIERA	ALL 6 Cyl.	KC40C
<b>AUDI</b>				85-87	SKLK, SMRST REGAL	4/2.5	KC39
78-90	5000, Quattro	5/2.2	KI-75	85-88	Skylark, Somerset	6/3.0	KI-70
83-85	QUATTRO	5/2.2	KI75	87-89	SKYHAWK	4/2.0	KI75
<b>BMW</b>				85-87	SKYHAWK	ALL 4, 6 Cyl.	KI65
71	1600	4/1.6	KI80	82-88	SKYHAWK	4/1.8-4/2.0-OHC	KC39
71	2002	4/2.0	KI80	80-91	SKYLARK	4/2.5	KC39
91-93	318i	4/1.8	KI65	80-84	SKYLARK	6/2.8	N/A
83-85	318i	4/1.8	KI65	77-79	SKYLARK	6/3.8	KC60C
80-83	320i	4/1.8	KI65	76-79	SKYLARK	8/4.3-8/5.7	KC30C
87-93	325i, 528	6/2.5	KI65	89-93	SKYLARK	ALL 4, 6 Cyl.	KI70
77	360CSI	6/3.0	KI65	<b>CADILLAC</b>			
89-93	525i	6/2.5	KI65	93	ALLANTE 8/4.6	KI80	
93	525i	6/2.5/24	KI65	91-92	BROUGHAM	8/5.0-8/5.7	KC40C
82-83	528E	6/2.7	KI60	87-90	BROUGHAM	8/5.0	KC60C
79-81	528i	6/2.8	KI65	70	CADILLAC	8 Cyl.	KC30C
78	530i	6/3.0	KI65	87-88	CIMARRON	6/2.8	KI70
83-87	533i, 633CSI, 733i	6	KI65	85-86	CIMARRON	6/2.8	KI65
78	630CSI	6/3.2	KI65	71-76	CLS, CM CHS, DV, F-WD, LIMO	8 Cyl.	KC30C
79-82	633CSI, 733i	6/3.2	KI65	77-78	CM CHS, DV, F-WD, LIMO	8/7.0	KC60C
88-89	635CSI	6/3.5	KI70	88-91	CM CHS, DV, F-WD, LIMO, SVL	8 Cyl.	KI80
78	733i	6/3.2	KI65	86	CM CHS, DV, LIMO	8/4.1	KC60C
89-91	750iL	12/5.0	KI65(2)	81-84	COMM CHASSIS	8-6-4/6.0	KC300
88	750iL	12/5.0	KI60(2)	85	COMM CHASSIS	8/4.1	KC50C
92-93	750iL, 850i	12/5.0	KI65	79-80	COMM CHASSIS, LIMO	8-6-4-1/6.0	KC60C
91	850i	12/5.0	KI65	87	COMM CHASSIS, LIMO	8/4.1	KC50C
88-91	M3	4/2.3	KI65	85	DEVILLE	8/4.1	KC50C
<b>BUICK</b>				83	DEVILLE	8/5.7	KC40C
73-75	APOLLO, SKYLARK	6/4.1-8/5.7	KC40C	81-84	DEVILLE, FLEETWOOD	8 Cyl.	KC300
75	APOLLO, SKYLARK	6/3.8	KI70	81-82	DEVILLE, FLEETWOOD	6/4.1	KC60C
75	APOLLO, SKYLARK	8/4.3	KC30C	79-85	DEVILLE, FLEETWOOD	8/5.7	KC30C
70-78	CENT, CTY/CTY WGN, RGL	ALL 6 Cyl., 8 Cyl.	KC40C	79-80	DEVILLE, FLEETWOOD	8 Cyl.	KC60C
87-93	CENTURY	6/2.8-6/3.8	KI70	92	DEVILLE, FLEETWOOD	8/4.9	KI80
82-92	CENTURY	4/2.5-6/2.8	KC39	93	DEVILLE, SIXTY SPCL	8/4.9	KI80
84-88	CENTURY	6/3.8	KI-70	77-78	ELDORADO	8/7.0	KC60C
75-81	CENTURY/REGAL	6 Cyl 8/5.0	KC60C	70-76	ELDORADO	8 Cyl.	KC30C
70-78	ELTRA/PK AV/RIVIERA	ALL 8 Cyl.	KC40C	82	ELDORADO	6/4.1	KC40C
86-90	ELTRA/PK AV.RVRA	6/3.8	KI65	73	ELDORADO	8/8.2 500	KC400
91-93	ELTRA/PK AVE	6/3.8	KI80	80-85	ELDORADO, SEVILLE	8/6.0	KC300
85-90	ELTRA/PK AVE	6/3.8	KI65	86	ELDORADO, SEVILLE	8/4.1	N/A
78-85	ELTRA/PK AVE	8/5.7-8/5.7X	KC30C	81	ELDORADO, SEVILLE	6/4.1-8/5.7	KC30C
80-84	ELTRA/PK AVE	ALL 6 Cyl., 8 Cyl.	KC60C	89-93	ELDORADO, SEVILLE, DEVIL	8 Cyl	KI80
85-90	ESTATE WAGON	8/5.0	KC60C	79-85	ELDORADO, SEVILLE, FLEET	8/4.1-8/5.7	KC20C
70, 73	ESTATE WGN, WILD CAT	8/5.7 2-5.7 4	KC40C	88-89	FLEETWOOD	8/4.5	KI80
92-93	LASABRE	6/3.8	KI75	80	FLEETWOOD	8/5.0	KC60C
86-90	LASABRE	6/3.8	KI65	85-89	Fleetwood	8/5.0	KC-60C
78-85	LASABRE/RVRA	8/5.5-8/5.7	KC30C	93	FLEETWOOD	8/5.0-8/5.7	KC40C
77-85	LSBR/RVRA	ALL 6 Cyl., 8 Cyl.	KC60C	87	FLEETWOOD	8/4.1	KC50C
70-80	LSBR/SYLK	ALL 8 Cyl.	KC40C	85	FLEETWOOD	8/4.1 FWD	KC50C
88-91	REATA, RIVIERA	6/3.8	KI70	85	FLEETWOOD	8/4.1 RWD	KC300
				81-84	LIMO	8/6.0	KC300
				90	LIMO	8/5.0	KC60C
				90	LIMO	8/5.7	KC40C
				76-79	SEVILLE	8/5.7 350	KC40C
				82	SEVILLE	6, 8 Cyl.	KC40C

The above information represents suggested guidelines for the Tornado product. However, due to inconsistencies in auto manufacturing, the installer may discover that a unit other than the one suggested in this guide actually fits better. The installer should install whichever unit fits better and we will update this guide. Installers are cautioned that this information guide is illustrative and it is the responsibility of the installer to be certain that each unit installed fits the automobile.

Year	Model	Engine	Tornado	Year	Model	Engine	Tornado
79	SEVILLE	8/5.7	KC30C	85-88	MONTE CARLO	6/4.3	KC300
				82-84	MONTE CARLO	8/5.7	KC30C
				81-84	MONTE CARLO	6/3.8 229	KC39
				78-86	MONTE CARLO	6 Cyl.	KC60C
				70-88	MONTE CARLO	6, 8 Cyl.	KC40C
				79-80	MONZA	4/2.5	KC39
				75-80	MONZA	6, 8 Cyl.	KC40C
				85-88	NOVA	4/1.6	KI80
				70-79	NOVA	4, 6, 8 Cyl.	KC40C
				88-85	NOVA	4/1.6 Carb	KC-T-4
				76	NOVA	6-in line/252	KC200
				87-88	SPECTRUM	4/1.5	KI70
				85-88	SPECTRUM	4/1.5 carb	KI60
				87	Z-24	4 Cyl.	KC400
					<b>CHRYSLER</b>		
				83-84	E CLASS	4/2.2	KI60
				83	E CLASS	4/2.2carb	KI65
				84	E CLASS,NEW YORKER	4/2.2carb-trb	KI65
				84-85	EXECUTIVE LIMO	4/2.6	KI55
				90-93	IMPERIAL	6/3.3	KI60
				84-85	LASER	4/2.2	KI60
				84-85	LASER	4/2.2turbo	KI65
				86	LASER,LEBARON	4/2.2trb	KI65
				86-90	LASER,LEBARON,N YRKR	4 Cyl.	KI50
				85,87	LBRN, NEW YORKER	4/2.2trb	KI65
				85	LBRN, NEW YORKER	4/2.2	KI60
				90-93	LEBARON	6/3.0	KI60
				88,89	LEBARON	4Cyl. Carb.trb	KI65
				82-85	LEBARON,NEW YORKER	4/2.6	KI55
				88-93	NEW YORKER	6 Cyl.	KI60
				90	NEW YORKER	6/3.3	KI65
				88	NEW YORKER	4/2.2trb	KI65
				86	NEW YORKER	4/2.2	KI65
				83	NEW YORKER	4/2.2carb	KI65
				90-91	TC(MASARATI)	6/3.0	KI60
				91-93	VAN TOWN & CNTRY	6/3.3	KI60
				90	VAN TOWN & CNTRY	6/3.3	KI65
					<b>DODGE</b>		
				82-88	DODGE 400	4/2.2	KI65
				83-84	DODGE 400/ 600	4/2.2	KI60
				82-85	DODGE 400/ 600	4/2.6	KI55
				86-88	DODGE 600,LANCER	4 Cyl.	KI50
				83-85	OMNI/OMNI024	4 Cyl.	KI65
				83-87	CHARGER	4 Cyl.trb	KI65
				83	CHARGER	4/1.7	KI75
				85	CHRGR,OMNI/OMNI024	4/2.2HP	KI60
				87-93	COLT	4 Cyl.	KI65
				84-88	COLT	4 Cyl. Carb	KC2
				86-90	DAYTONA	4/2.5	KI50
				84-89	DAYTONA	4 Cyl.	KI65
				90-93	DAYTONA	4, 6 Cyl.	KI60
				85	DODGE 600	4/2.2 2-4/2.2	KI60
				85	DODGE 600	4/2.2 Z-trb	KI65
				88-93	DYNASTY	6/3.0	KI60
				88-90	DYNASTY	4, 6 Cyl.	KI65
				88-90	DYNASTY	4/2.5	KI50
				90	DYNASTY	6/3.3	KI65
				93	INTREPID	6/3.3	KI60
				93	INTREPID	6/3.5	KI70
				86-88	LANCER	4/2.2turbo	KI65
				89	LANCER	4/2.2-4/2.5	KI50

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Year	Model	Engine	Tornado	Year	Model	Engine	Tornado
85	LANCER	4/2.2	KI60	84-86	TEMPO	4/2.0 Diesel	KI55
88-90	OMNI/OMNI 024	4/2.2	KI60	84-85	TEMPO	4/2.3	KI65
86-87	OMNI/OMNI 024	4 Cyl., trb	KI-65	89-93	THUNDERBIRD	6,8 Cyl.	KI70
81-82	Omni/Omni 024	4 Cyl. trb	KI-65	82-87	THUNDERBIRD	6/3.8	KC20C
80-83	OMNI/OMNI 024	4/1.7	KI75	83-88	THUNDERBIRD	4/2.3	KI55
92-93	SHADOW	4, 6 Cyl., turbo	KI60	72-85	THUNDERBIRD	8 Cyl.	KC30C
87-90	SHADOW	4 Cyl.	KI50	70-76	TORINO/GRD TORINO	6, 8 Cyl.	KC30C
87-89	SHADOW	4/2.5turbo	KI65	<b>HONDA</b>			
89-93	SPIRIT	4, 6 Cyl., turbo	KI60	94	ACCORD	4	KI55
89-90	SPIRIT	4/2.5	KI50	90-93	ACCORD	4/2.2	KI70
89	SPIRIT	4/2.5turbo	KI65	86-89	ACCORD Carb	4/2.0Carb	KC-H-6
<b>FORD</b>				86-89	ACCORD LXI	4/2.0 EFI	KI65
92-93	CROWN VICTORIA	8/4.6	KI65	92-93	CIVIC	4/1.5-4/1.6	KI55
83-91	CROWN VICTORIA	8/5.8 351	KI80	86-91	CIVIC, CRX	4/1.5	KI60
83-85	CROWN VICTORIA	8 Cyl.	KC30C	93	DEL SOL	4/1.5-4/1.6	KI55
84	CROWN VICTORIA	8/5.0 302	KC30C	87	Motorcycle Goldwing	1200	KC-T-1
72-74	CSTM/500, GLX, LTD	8 Cyl.	KC30C	92	Prelude	4/2.2	KI-75
71-72	CSTM/500, GLX/500	6/4.0	KC20C	86-91	PRELUDE	4/2.0	KI70
71-78	CSTM/500, GLX/500, LTD	8 Cyl.	KC30C	86-88	PRELUDE	4/2.0 EFI	KI65
75-78	CSTM/CSTM 500, LTD	8 Cyl.	KC30C	83-89	PRELUDE	4/2.0Carb	KC-H-6
77	CSTM/CSTM 500, LTD	8/5.0early	KI80	<b>HYUNDAI</b>			
91-93	ESCORT	4/1.8	KI65	92-93	ELANTRA	4/1.6	KI70
70	FAIRLANE	6, 8 Cyl.	KC30C	90-93	EXCEL	4/1.5	KI70
66	FAIRLANE	8/6.4 390	KC40C	86-89	EXCEL	4/1.5	KC2
78-83	FAIRMONT	4/2.3, turbo, 6 Cyl.	KC20C	91	EXCEL	1.6	KI75
78-83	FAIRMONT	6 Cyl.	KC30C	91-92	EXCEL, SCOUPE	4/1.5	KI75
70	FALCON	8/5.0	KC30C	93	SCOUPE	4/1.5-1.5turbo	KI70
70	FALCON	6	KC20C	89-93	SONATA	4, 6 Cyl.	KI75
89-93	FESTIVA	4/1.3	KI70	<b>INFINITI</b>			
88-90	FESTIVA	4/1.3 Carb	KC3	91-93	G20	4/2.0	KI55
70	FORD(FULL SIZE)	6/4.0	KC20C	<b>ISUZU</b>			
70	FORD(FULL SIZE)	8 Cyl.	KC30C	86-89	I MARK	4/1.5	KI70
66	FORD(FULL SIZE)	8/6.4 390	KC40C	85-89	I MARK	4/1.5Carb	KI60
81-82	GRANADA	6/3.3	KC30C	81-84	I MARK	4/1.8 D	KC2
75-82	GRANADA	4, 6 Cyl.	KC20C	89	I MARK	4/1.6	KI60
75-80	GRANADA	8 Cyl.	KC30C	91-92	IMPULSE	4/1.6turbo	KI60
82	GRANADA	6/3.8	KC20C	90-92	IMPULSE	4/1.6	KI55
80-86	LTD	4, 6, 8 Cyl.	KC200	83-89	IMPULSE	4/2.0-4/2.3	KI70
80-85	LTD	8 Cyl.	KC30C	90-93	STYLUS	4/1.8	KI55
83-86	LTD/MUSTANG	6/3.8	KC20C	<b>LINCOLN</b>			
77-78	LTDII, THUNDERBIRD	8 Cyl.	KC30C	84-85	CNTNTL, MARK SRS	6/2.4	KI60
72-76	MAVERICK	8/5.0	KC30C	80-85	CNTNTL, MARK SRS	8/5.0	KC25C
70-77	MAVERICK	6 Cyl.	KC20C	86-90	CNTNTL, MRK SRS, TWN CA	8 Cyl.	KI80
70-74	MAVERICK	6, 8 Cyl	KC30C	70-82	CONTINENTAL	8/5.0	KC30C
93-94	MUSTANG	8/5.0	KI80	82	CONTINENTAL	6/3.8	KC20C
87-93	MUSTANG	4/2.3	KI70	82-85	MARK SRS, TOWN CAR	8/5.0	KC30C
86-92	MUSTANG	8/5.0	KI75	77-80	VERSAILLES	8/5.0	KC30C
83-86	MUSTANG	4/2.3turbo	KI55	<b>MAZDA</b>			
74-86	MUSTANG	4, 6, 8 Cyl.trb	KC20C	90-93	323	4/1.6	KI65
79-85	Mustang	8 Cyl	KC-	91	323	4/1.6 2-1.6 4	KI70
20C				86-87	626	4/2.0	KI65
70-76	MUSTANG	8 C	KC30C	83-85	626	4/2.0	KC2
65-67	Mustang	8/4.7	KC-	92-93	929	6/3.0	KI75
30C							
73-80	PINTO	4 Cyl.	KC20C				
90-92	PROBE	6/3.0	KI70				
93	PROBE	4/2.0	KI60				
93	PROBE	6/2.5	KI80				
88-93	TAURUS	6/3.8	KI75D				
76-87	TAURUS	4/2.5 w /manual	KI70				
92-93	TEMPO	4/2.3	KI55				
86-91	TEMPO	4/2.3	KI70				

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Year	Model	Engine	Tornado	Year	Model	Engine	Tornado
88	929	6/3.0	KI65	75-80	MONARCH	8 Cyl.	KC30C
89-92	626, MX-6	4/2.2, turbo	KI75	72-74	MONTEGO	8 Cyl.	KC30C
93	626, MX-6	4/2.0	KI60	70-74	MONTEGO	6,8 Cyl.	KC30C
93	626, MX-6	6/2.5	KI65	72-73	MONTEREY	8/5.8	KC30C
90-93	MIATA	4/1.6	KI65	71-73	MONTEREY	8 Cyl.	KC30C
90-93	PROTEGE	4/1.8	KI65	86-93	SABLE	4, 6 Cyl.	KI70
92-93	RX-7	2/1.3	KI75	92-93	TOPAZ	4/2.3	KI70
86-91	RX-7	2/1.3	KI70	86-93	TOPAZ	4/2.3	KI65
84-85	RX-7	2/1.3	KI60	84-86	TOPAZ	4/2.0	KI55
80-85	RX-7	2/1.1	KC60C	84-85	TOPAZ	4/2.3	KI70
88	RX-7	1.38	KI75	91-93	TRACER	4/1.9	KI55
				87	TRACER	4/1.6	KI65
				79-83	ZEPHYR	6/3.3	KC30C
				77-83	ZEPHYR	4, 6 Cyl.	KC20C
<b>MERCEDES</b>				<b>MITSUBISHI</b>			
88-93	190 SERIES	6/2.6	KCB22	90-92	ECLIPSE	4 Cyl.	KI65
88-89	260 SERIES	6/2.6	KCB22	92	EXPO	4/2.4	KI65
92-90	300 SERIES	6/2.6	KCB7	86-92	GALANT	4 Cyl.	KI65
92-86	300 SERIES	6/3.0	KCB7	87-92	MIRAGE	4/1.6	KI65
91-90	300 SERIES	6/3.0 CE	KCB7	85-86	MIRAGE	4/1.5 Carb	KC2
93	300 SERIES	6	KI65	90-93	PRECIS	4/1.5	KI70
81-85	380 SERIES	8/3.8	KCB21	87-89	PRECIS	4/1.5 Carb	KC2
93	400 SERIES	8/5.0	KCB21	89-90	SIGMA	6/3.0	KI70
86-91	420 SERIES	8/4.2	KCB21				
80-77	450 SERIES	8/4.5	KCB21	<b>NISSAN-DATSUN</b>			
90-93	500 SERIES	8/5.0	KCB21	84-88	200SX	4/2.0	KI60
91-86	560 SERIES	8/5.6	KCB21	84-93	240SX	4, 6 Cyl.	KI65
93-92	600 SERIES	12/6.0	KI75(2)	90-93	300ZX	6/3.0	I60(2)
				86	300ZX	6/3.0	KI80
<b>MERCURY</b>				85-88	300ZX, MAXIMA	6/3.0	KI70
75-76	MONTEGO	8 Cyl.	KC30C	81-84	810/810 MAXIMA	6 Cyl.	KI65
74	MONTEREY	8 Cyl.	KC30C	93	ALTIMA	4/2.4	KI65
75-80	BOBCAT	4/2.3	KC20C	91	MAXIMA	6/3.0	KI75
83-86	CAPRI	4 Cyl., turbo	KI55	90	MAXIMA	6/3.0	KI80
82-85	CAPRI	8 Cyl.	KC30C	91-93	NX, SENTRA	4 Cyl.	KI65
79-85	CAPRI	6, 8 Cyl.	KC30C	93	NX, SENTRA	4/2.0	KI55
79-86	CAPRI	4, 6 Cyl., turbo	KC20C	83-90	PULSAR NX	4 Cyl trb	KI65
86	CAPRI	8/5.0	KI75	84-86	SENTRA	4/1.7	KCN1
71-77	COMET	6/3.3	KC20C	93	SENTRA	4/2.0	KI65
70-74	COMET	6, 8 Cyl.	KC30C	90-92	STANZA	4/2.4	KI65
91-93	COUGAR	8/5.0	KC30C	89-87	STANZA	4/2.0	KI70
89-93	COUGAR	6/3.8	KC20C	84-86	STANZA	4/2.0EFI	KI65
84-86	COUGAR	4/2.3	KI55	<b>OLDSMOBILE</b>			
81-87	COUGAR	4, 6 Cyl.	KC20C	71-73	DLT88/CSTM CRSR/98	8/5.7-7.4 2Carb.	KC30C
80-81	COUGAR	6/3.3	KC30C	90-91	98, TRND/TROFEO	6/3.8	KI70
83-85	COUGAR	8 Cyl.	KC30C	89-86	98, TRND/TROFEO	6/3.8	KI65
70-76	COUGAR	8 Cyl.	KC30C	92-93	ACHIEVA	4/2.3-6/3.3	KI70
88	COUGAR	6/3.8	KI75	91-93	BRAVADA	6Cyl.	KC39
82	COUGAR	6/3.3	KC20C	89-91	CALAIS	4/2.3-6/3.3	KI70
73	COUGAR	8/5.8 2cab	KC20C	85-91	CALAIS	4Cyl.	KC39
75-76	COUGAR, MONTEGO	8 Cyl.	KC30C	85	CIERRA CLASSIC 1500	5.0	KC75C
92-93	GRAND MARQUIS	8/4.6	KI70	90-91	CUTLASS	4/2.3	KI70
86-91	GRAND MARQUIS	8/5.0	KI80	89-93	CUTLASS	6/3.4	KI60
83-90	GRAND MARQUIS	8 Cyl.	KC30C	82-88	CUTLASS	8 Cyl.	KC60C
83	LN7	4/1.6	KI75	77-89	CUTLASS	6 Cyl.	KC60C
84-87	LYNX	4 Cyl.	KI55	75-76	CUTLASS	8/4.3	KC30C
83-85	LYNX	4/1.6F.I.	KI75	70-86	CUTLASS	6Cyl., 8Cyl.	KC40C
87	LYNX	4/1.9CFI	KI70	79-85	CUTLASS	8Cyl dist	KC30C
86-83	MARQUIS	4/2.3	KC20C	88	CUTLASS	6/2.8	KI70
83-86	MARQUIS	6/3.8	KC20C	81	CUTLASS	8/5.7	KC50C
76-85	MARQUIS	8 Cyl.	KC30C				
71-78	MARQUIS	8/7.0	KC30C				
83	MARQUIS	6/3.3	KC30C				
76	MARQUIS	460	KC20C				
75-80	MONARCH	6 Cyl.	KC20C				

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(revised 6/94)

Year	Model	Engine	Tornado	Year	Model	Engine	Tornado
77	SUNBIRD	8/5.0-5.7	KC30C	89-93	240 SERIES	4/2.3	KI65
85-83	T 1000/1000	4/1.8	KC39	75-80	240 SERIES	4	KI65
70	TEMPEST	8 4Carb	KC40C	76-79	260 SERIES	6/2.7	KI65
93-92	TRANS SPORT	6/3.1	KC39	88-92	740 SEIRES	4/2.3Turbo	KI65
92-93	TRANS SPORT	6/3.8	KI70	85-92	740 SERIES	4/2.3	KI70
75-77	VENTURA	8 Cyl.	KC30C	85-86	740 SERIES	6/2.4	KI75
71-77	VENTURA	6, 8 Cyl.	KC40C	87-90	760 SEIRES	6/2.8	KI70
77	VENTURA	6/3.8	KC60C	84-87	760 SERIES	4/2.3	KI65
<b>PORSCHE</b>				89-90	780 SERIES	4/2.3	KI65
87-88	924	4/2.5	KI70	87-90	780 SERIES	6/2.8	KI70
77-82	924	4/2.0	KI75	93	960 SERIES	6/3.0	KI70
86-89	944	4/2.5Turbo	KI70	80-89	DL, GL	4/2.3Turbo	KI65
83-89	944	4/2.5	KI70	81-88	DL, GL, 240 SERIES	4/2.3	KI65
89	944	4/2.7	KI70	81-84	DL, GL, 240 SERIES	6/2.4	KI70
87-92	928, 928S	8/5.0	KI80	80-82	GLE SERIES	6/2.8	KI65
<b>TOYOTA</b>							
92-93	CAMRY	6/3.0	KI75				
88-91	CAMRY	6/2.5	KI65				
83-93	CAMRY	4 Cyl.	KI60				
90-93	CELICA	4 Cyl.	KCT10				
88-93	CELICA	4 Cyl.	KI60				
75-83	CELICA	4 Cyl.	KCT7				
88	CELICA	4/2.0Turbo	KI65				
88-93	COROLLA	4 Cyl.EFI	KI60				
88	Corolla	4/1.6	KC-T-4				
75-87	COROLLA	4 Cyl.	KC-T-7				
90	COROLLA	4/1.6	KCT10				
88	COROLLA	4 Cyl.	KCT7				
86-92	CRESSIDA	6 Cyl.	KI70				
79-80	CRESSIDA	6/2.6	KI60				
91-93	MR-2	4/2.2	KI60				
85-86	MR-2	4/1.6	KI65				
92	PASEO	4/1.5	KI55				
88-91	SUPRA	6/3.0	KI55				
86-92	SUPRA	6 Cyl., turbo	KI70				
91-93	TERCEL	4/1.5	KI55				
83-90	TERCEL	4 Cyl.	KCT7				
80-87	TERCEL	4 Cyl.	KI80				
88	TERCEL	4/1.5 1452cc	KI65				
<b>VOLKSWAGEN</b>							
72-79	BEETLE, EFI	4/1.6 EFI	KI50				
85-92	CABRIOLET	4/1.8	KI60				
92-93	CORRADO	6/2.8	KI65				
90-92	CORRADO	4/1.8	KI50				
87-93	FOX	4/1.8	KI60				
85-93	GOLF	ALL	KI65				
86-93	JETTA	ALL	KI65				
73-74	KARMANN GHIA,THING	4/1.6	KI60				
90-93	PASSAT	4/2.0	KI65				
82-88	QUANTUM	4, 5 Cyl.	KI60				
76-84	RABBIT	ALL	KI60				
75-84	SCIROCCO	ALL	KI60				
70	TYPE 1,2,3. EFI	4(ALL) EFI	KI55				
<b>VOLVO</b>							
91-93	940	4/2.3	KI70				
93	940	4/2.3 Turbo	KI65				
92	960	6/3.0	KI70				

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Year	Model	Engine	Tornado	Year	Model	Engine	Tornado
<b>CHEVROLET</b>				91-93	VAN	6, 8 Cyl.	KC50C
94	1500	8/5.0EFI/Carb	KC60C	77-90	VAN	6, 8 Cyl.	KC40C
85-93	ASTRO VAN	6/4.3	KC50C	93	VAN 250		KC40C
75-93	BLAZER FULLSIZE	8 Cyl.	KC60C	<b>FORD</b>			
86-93	BLAZER, P/U S10	6 Cyl.	KC50C	86-93	AEROSTAR	6 Cyl.	KI-80
93-94	BLAZER, P/U S15	6/4.3 EFI	KI-65	86-87	AEROSTAR	4/2.3	KI-70
90-93	LUMINA(A.P.V.)	6/3.1	KC50C	89-90	BRONCO	6, 8 Cyl.	KI75(2)
87	P/U V10,20,30	6 Cyl.	KC60C	90-93	BRONCO FULL SIZE	ALL	KI75(2)
92-94	P/U 1500	8/5.7	KC60C	80-81	BRONCO FULL SIZE	6/4.9	KC30C
73-90	P/U C10,20,30	6, 8 Cyl.	KC60C	70-77	BRONCO FULL SIZE	8/5.0	KC30C
88-90	P/U C10,20,30,K10,20,30	8 Cyl.	KC50C	90	BRONCO, II COMPACT	6/2.9	KI-75
73-90	P/U C10,20,30,K10,20,30	6, 8 Cyl.	KC60C	88-89	BRONCO, II COMPACT	6/2.9	KI-80
79-81	P/U C10,20,30,K10,20,30	8 Cyl.	KC59	87-89	BRONCO, II COMPACT	6/4.9-8/5.0	KI-65
87	P/U R10,20,30	8 Cyl.	KC60C	87-89	BRONCO, II COMPACT	8/5.8	KI75(2)
88-89	P/U R20,R30,V30	8/5.7	KC60C	85-87	BRONCO, II COMPACT	4, 6 Cyl.	KI-70
90	P/U R30,3500,V30,3500	8 Cyl.	KC60C	93	ECONOLINE VAN	6/4.1	KI75(2)
90	P/U R30,V30	8/5.7	KC60C	91-93	EXPLORER	6/4.0	KI-75
73-93	P/U	6, 8 Cyl.	KC60C	94	EXPLORER	6/4.0	KI-80
88-93	P/U	8 Cyl.	KC50C	79-81	P/U	6/4.9	KC30C
79,80	P/U(ALL)	8/5.0 10srs	KC59	84	P/U	8/5.8 351	KC30C
93	S-10	6/4.3	KC50C	73-87	P/U, Van	8/7.5 460	KC300
86	S-10	6/2.8	KC50C	70-72	P/U	8	KC300
94	S-15	6/4.3 EFI	KI-65	87-92	P/U	6, 8 Cyl.	KI75(2)
91	SILVERADO	8/5.7 350	KC60C	91-92	RANGER	6/3.0	KI-80
92-93	SUBURBAN	8/5.7 4WD	KC50C	89-93	RANGER	ALL	KI-55
92-93	SUBURBAN	8 Cyl.	KC60C	88-92	RANGER	4, 6 Cyl.	KI-75
78-91	SUBURBAN	8/5.7	KC60C	85-88	RANGER	4/2.3	KI-70□
80-90	SUBURBAN	8/Tall Airfilter	KC75C	94	RANGER	4/2.3	KI-70
81	SUBURBAN	8/5.0 2Carb	KC59	86-93	VAN	6, 8 Cyl.	KI75(2)
79	SUBURBAN	8/5.0	KC59	70-86	VAN	6 Cyl.	KC30C
89-93	VAN G20	6, 8 Cyl.	KC60C	76	VAN E350	8/7.5 460	KC250
89-93	VAN G30	6, 8 Cyl.	KC60C	<b>GMC</b>			
89-93	VAN P20	6, 8 Cyl.	KC60C	81-84	CABALLARO	6/3.8 229	KC50C
74	VAN G 20,30,P10,20	8 Cyl.	KC60C	78-79	CABALLARO	8/5.7	KC60C
85-88	VAN G, P	6/4.3	KC60C	88	CABALLARO	6, 8 Cyl.	KC60C
75-87	VAN G, P	8/7.4	KC60C	79-81	JIMMY FULLSIZE	8 Cyl.	KC59
71-88	VAN G, P	8 Cyl.	KC59	75-90	JIMMY FULLSIZE	8 Cyl.	KC60C
89-93	VAN G10	6, 8 Cyl.	KC60C	86-93	JIMMY, P/U S15	6/2.8	KC50C
90-93	VAN G10	6, 8 Cyl.	KC59	88-93	P/U C15,25,35,K15,25,35	8 Cyl.	KC50C
90-93	VAN P30-1 TON	6, 8 Cyl.	KC60C	73-93	P/U C15,25,35,K15,25,35	6, 8 Cyl.	KC60C
70	VANS (ALL)	8/5.7	KC59	79-81	P/U C15,25,35,K15,25,35	8/5.0	KC59
90-92	W/T 1500	8/5.7	KC60C	93	P/U C15,25,35,K15,25,35	8/7.4 454	KC600
<b>DODGE</b>				87	P/U V15,25,35,R15,25,35	6, 8 Cyl.	KC60C
84-93	CARAVAN	6, 8 Cyl.	KI-60	90-91	P/U V35, R35	8 Cyl.	KC60C
89-93	DAKOTA	4 Cyl.	KI-60	88-89	P/U V35,R25,R35	8 Cyl.	KC60C
91-93	DAKOTA	6, 8 Cyl.	KC50C	70	P/U(ALL)	8/5.0	KC59
89	DAKOTA	8/5.2	KC40C	73-94	P/U	6, 8 Cyl.	KC60C
84-88	MINI RAM	4, 6 Cyl.	KI-65	85-93	SAFARI-VAN	6/4.3	KC50C
84	P/U 150	8/5.2 318	KC30C	87	SAFARI-VAN	8/5.0-5.7-7.4	KC60C
91-93	P/U	8/5.2-8/5.9	KC50C	71-76	SPRINT	8/6.6	KC60C
82-87	P/U	6/3.7	KC-2	71-93	SUBURBAN	8 cyl.	KC60C
75-90	P/U	6, 8 Cyl.	KC40C	84	SUBURBAN	8/5.7	KC75C
89,87	RAIDER	4/2.6	KI-70	1	SUBURBAN	8/5.0 2Carb	KC59
89	RAIDER	6/3.0	KI-65	79	SUBURBAN	8/5.0	KC59
91-93	RAM 50	ALL	KC40C	92-93	SUBURBAN C,K10,20	8/5.7 4WD	KC50C
90	RAM 50	4/2.4	KI-70	85-87	VAN	6/4.3	KC60C
90	RAM 50	6/3.0	KI-65	74-79	VAN	8/7.4	KC60C
79	RAM 50	ALL	KC-2	70-87	VAN	8/5.7 EFI	KC59
91-93	RAMCHARGER	8/5.2-8/5.9	KC50C	88-93	VAN G1500,2500,3500	6, 8 Cyl.	KC60C
75-90	RAMCHARGER	6, 8 Cyl.	KC40C	88-93	VAN G1500,2500,3500	8/5.0-8/5.7	KC59
87	RAMCHARGER	8/5.9 CPA	KC-2	88-91	VAN G1500,2500,3500	8/6.2	KC60C
82-93	RAMPAGE	4/2.2	KI-65				

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LIGHT TRUCKS

Year	Model	Engine	Tornado	Year	Model	Engine	Tornado
89	VAN P2500,P3500	8/5.7-8/7.4	KC60C	70	P/U	L4(ALL)	KCN1
90-93	VAN P3500	6, 8 Cyl.	KC60C	90	VAN	4/2.4	KI-65
93	VAN P3500	6/4.3	KC50C				
<b>HONDA</b>				<b>PLYMOUTH</b>			
94	PASSPORT		KI-65	83	SCAMP	4/2.2	KI-65
				75-81	TRAIL DUSTER	6, 8 Cyl.	KC40C
				73	VAN	8/5.2 318	KC30C
				75-83	VAN PB 100,200,300	6, 8 Cyl.	KC40C
				84-94	VOYAGER	6 Cyl	KI-60
<b>ISUZU</b>				<b>RANGE ROVER</b>			
81-87	P/U	4 Cyl.	KC2	92-93	RANGE ROVER	8/3.9	KI-65
94	RODEO		KI-65				
93	RODEO	4/2.6-6/3.1	KI-65				
89-90	TROOPER II/TRPR	6/2.8	KC50C				
84-87	TROOPER I/TRPR	4 Cyl.	KC2				
<b>JEEP</b>				<b>TOYOTA</b>			
93-94	CHEROKEE	8/4.0	KI-65	88-93	4 RUNNER, P/U	6/3.0	KI-65
74-87	CHEROKEE	6, 8 Cyl.	KC50C	89-93	4 RUNNER, P/U	4/2.4	KI-60
91-94	CHKE, CMCH, WGNR/LTD	6/4.0	KI-65	88-90	4 RUNNER, P/U	4/2.4 Carb	KCT7
87-94	CHKE, CMCH, WGNR/LTD	4, 6 Cyl.	KI-75	84-87	4 RUNNER, P/U	4/2.4 EFI	KI-65
86-90	CHKE, CMCH, WGNR/LTD	4/2.5	KI-60	94	4x4	6/3.5	KI65
84-85	CHKE, CMCH, WGNR/LTD	4, 6 Cyl.	KC40C	88-93	LANDCRUISER	6/4.0	KI-75
80-86	CJ SERIES	4, 6 Cyl.	KC500	81-87	P/U	4, 6 Cyl. Carb	KCT7
72-84	CJ, SCRAMBLER, JEEPSTER	4, 6, 8 Cyl.	KC50C	81-87	P/U	4/2.4 EFI	KI-50
93-94	GRAND CHEROKEE	8/5.2	KI-80	85	P/U	4/2.4 EFI	KI-65
93	GRAND CHEROKEE	ALL	KI-75	91-93	PREVIA VAN	4/2.4	KI-70
89-90	GRAND WAGONEER	8/5.9	KI-65	84-88	VAN	4/2.2 EFI	KI-60
62-91	GRAND WAGONEER, LTD	6, 8 Cyl.	KC50C	<b>VOLKSWAGEN</b>			
71-86	P/U J SERIES	6, 8 Cyl.	KC50C	83-72	TRANSPORTER, VANAGON	ALL	KI-55
94	RANGLER	6/4.0	KI-60	86-91	VANAGON	ALL	KI-70
81-85	SCRAMBLER	6/4.2	KC50C	85-84	VANAGON	4/1.9	KI-60
87-90	WGNR/WGNR LTD	6/4.2	KC500				
71-83	WGNR/WGNR LTD	6, 8 Cyl.	KC50C				
87-90	WRANGLER	4 Cyl.	KI-65				
<b>MAZDA</b>							
86-87	B2000	4 Cyl.	KC2				
91-93	B2200	4 Cyl. EFI	KI-75				
87-90	B2200	4 Cyl. Carb	KC2				
86-90	B2200	4 Cyl. EFI	KI-60				
89-92	B2600	4 Cyl. EFI	KI-75				
91-93	MPV	ALL	KI-75				
91-93	NAVAJO	6/4.0	KI-75				
<b>MITSUBISHI</b>							
89-91	MONTERO	6/3.0	KI-65				
88-89	MONTERO	4/2.6	KI-70				
92	MONTERO	6/3.0	KI-70				
90	P/U	4/2.4	KI-70				
90	P/U	6/3.0	KI65				
87-90	VAN/WAGON	4/2.4	KI70				
<b>NISSAN-DATSUN</b>							
71-72	521 P/U	4/1.6	KCN1				
72-80	620 P/U	4/2.0	KCN1				
90-93	720/D21 P/U	6/3.0	KI65				
86-89	720/D21 P/U	4/2.4	KC39				
81-85	720/D21 P/U	4/2.4	KCN1				
90	AXXESS	4/2.4	KI-65				
90-93	PATHFINDER	6/3.0	KI-65				

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