State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-52 Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Chrysler Corporation exhaust emission control systems for 1978 model-year passenger cars are certified for the vehicles described below:

Engine Family: CD-360/318-4-GP Engine: 318 CID, 360 CID Transmission: 3-speed Automatic Exhaust Emission Control Systems:

Air Injection, Engine Modification, Exhaust Gas Recirculation, Oxidation Catalyst

Models and Engine Codes as listed in attachment.

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1978 model-year vehicles:

Engine Family	Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
	Grams per Mile	Grams per Mile	<u>Grams per Mile</u>
CD-360/318-4-GP	0.38	7.9	1.5

BE IT FURTHER RESOLVED: That the above models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (13 California Administrative Code, Section 2290) for the aforementioned model year, or have been granted a temporary exemption from the aforementioned "Specifications" by Executive Order AA-9 series.

BE IT FURTHER RESOLVED: That the above models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-powered Motor Vehicles except Motorcycles". CHRYSLER CORPORATION

EXECUTIVE ORDER A-9-52 (Page 2 of 2)

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this _____ day of September, 1977.

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G. C. Hass, Chief Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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	Manufactu	urer <u>Chrysler</u>	Corporation	Execut	ive Orden	r No.	<u>A-9-52</u>	Page <u>or</u>	<u>ne</u>
	Engine Fa	amily <u>CD-360/3</u>	18-4 GP	Engine	(CID) <u>3</u>	50/318			
			ABBREVIATI	ons					
	V-Vacuum VR-Vacuum <u>Fuel Syst</u> EFI	fugal Advance Advance m Retard	<u>Exhaust Emissi</u> AI-Air Injecti CAI-Catalyst A EGR-Exhaust Ga EM-Engine Modi	ESAC-Electronic Spark Advance Control OC-Oxidation Catalyst					
	Model	Make/Type		1	Model	Make/	Туре		
	HL29	Plymouth - Com Volare Volare Custom	Pact Volare Super C Volare Road Run Premier Dust	oupe nner ;er	Plymouth RL23 RL41 RH23	- Into Fury Fury Fury	ermedia Sport	<u>ate</u>	
	HL41	Volare Volare Custom Volare Premier			RH41 RL45 RL46 RH45	Fury	Suburba Suburba		-
	HL45	Volare Volare Premier	,		RH46 Dodge - 1	Fury	Sport S	Suburban	
	NL29	Dodge - Compac Aspen Aspen Custom Aspen Special	Aspen Super Cou Aspen R/T	pe	WL23 WL41 WH23 WH41 WL45	Monac Monac Monac	o o o Broug o Broug		
	NL41	Aspen Aspen Custom Aspen Special	Edition		WL46 WH45 WH46		o o Cresi o Cresi		
R	NL45	Aspen Aspen Special Chrysler - Mid			Dodge – XP22 XS22		er SE	Special:	<u>ty</u>
	FH22 FH41 FH45	LeBaron LeBaron LeBaron Town 6			<u>Chrysler</u> SS22	- Int Cordo		ate Spec:	ialty
	-FP22 FP41 FM 12 FM 1	LeBaron Medall LeBaron Medall Dodge - Mid Si	ion		Chrysler CL23 CL43	Newpo Newpo	ort ort	•	^
	GH22 	Diplomat Diplomat Diplomat	<u></u>		CS23 CS43 Body Cod	New Y		Brougham Brougham	
	GP22 GP41 GM32 GM41	Diplomat Medal Diplomat Medal			-22, -23 -41 & 44 -45 & -4	& -29 3, 4 d	oor.		

1	Manul T <u>ngi</u> r	ne Family _		GP Engir	icks Executiv ne (CID)	□ Medium- e Order N 360	Duty V lo. A	'ehicle 9-52 _ Tran	Pg.	L-3
	Eng. Code	Distrib. Type Mfgr. Part No.	Fuel Syst. I-4V Mfgr. Part No.	EGR Syst. Part No. Service	Inertia Wt. Class	Car Line	Series	Body Type	Trans- mission	Tune-up Spec. (1) Basic Timing (2) Idle Mixture (3) Idle Speed
	A A 1 A A 2 AA5 AA6	3874858	Carter TQ-9134S Chrysler 4041856	E90-690 459088 Chrysler 4104090 or 4105090 No Service	4500	**H, N R, W R, W R, W F, G F, G F, G F, G F, G F, S X, S	L L H L H H H H P P S P	45 23 23 41 41 22 41 45 22 41 22 22		 8 + 2⁰ BTC W/Vacuum disconnected & plugged at distributor. Propane gain: (See Service Manual). <u>Alternate</u> method: 0.5%
Â					4000	H, N H, N H, N	LLL	29 41 45		<pre>(0 ≤ CO% ≤ 2) CO measured at upstream catalyst tap @ 750 RPM in neutral W/AI disconnected and plugged.</pre> (3) Normal idle speed 750 <u>+</u>
+	AA8				4000 4500	same for 4	us abo 000 &	∀e 4500		100 RFM in neutral. (1) 3 ⁰ ± 2 ⁰ BTDC w/ vacuum disconnected & plugged at distributor (2), (3) same
	•	bage one foi	r abbreviatio	evisions: **	R.C. #6 Change R.C. #75 R.C. #75 R.C. #	82 (1/1) H129 m	7/78) odels 77) t. (77) ad etter 2/77) A6	له "M" of 1/1 add e	الم الم Series 9/76. ngine	vehicles codes

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

A Passenger Cars □ Light-Duty Trucks □ Medium-Duty Vehicles
 Manufacturer: Chrysler Corporation. Executive Order No. A <u>9-52</u> Pg. <u>3</u>
 ngine Family <u>CD-360/318-4-GP</u> Engine (CID) <u>360</u> Transm. <u>A-3</u>
 Exhaust Emission Control System EGR, OC, AI, EM +10% (A/C) Yes A No□

or R, W L 46 4105103 R, W H 45 + AA7 No Service C L 23 + AA7 No Service C L 43 + AA8 4104090 or 4000 same as above above distributor. + AA8 4104090 or 4000 same as above distributor. (2),(3) same							1	,, <u>,</u>	••••••••••••••••••••••••••••••••••••••		
Loge Mfgr. Part No. Part No. Service Part No. Service Part No. Service Solution <		_			EGR Syst.	-	Car Line			Ę	Tune-up Spec.
A A 3 3874115 Carter TQ-9134S Chrysler 4041856 Chrysler 405090 R, W L 5000 R, W L 5000 R, W L Chrysler 4000 R, W L Chrysler 405090 R, W L Chrysler 4000 R, W L Chrysler Chrysler 4000 R, W L Chrysler 4000 R, W L Chrysler Chrysler 4000 R, W L Chrysler Chrysler 4000 R, W L Chrysler Chrysler 4000 R, W L Chrysler Chrysler 4000 R, W L Chrysler Chrysler Chrysler Chrysler Chrysler Chrysler 4000 R, W L Chrysler Chrys			Гуре	I-4V		ti; ss		es .		-is- 10	(1) Basic Timing
A A 3 3874115 Carter TQ-9134S Chrysler 4041856 Chrysler 4041856 Chrysler 4041856 Chrysler 4041856 Chrysler 4041856 Chrysler 4041856 Chrysler 4041856 Chrysler 4041856 Chrysler 405090 R, W L No service R, W L 5000 R, W L S000 R, W L Chrysler 4105090 R, W L R, W L S000 R, W L Chrysler 4105090 R, W L Chrysler AA3 S000 R, W L Chrysler A041856 Chrysler 4105090 R, W L Chrysler A041856 Chrysler 4105090 R, W L Chrysler A041856 Chrysler 4105090 R, W L Chrysler A041856 Chrysler A041856 Chrysler A0500 R, W L Chrysler A000 R, W L Chrysler A000 R, W L Chrysler Chrysler A000 R, W L Chrysler Chrysler A000 R, W L Chrysler Chrysler A000 R, W L Chrysler Chrysler A000 R, W L Chrysler Chrys		Code	Mfar.	Mfar.	Part No.	la.		ri	pe pe	รร	(2) Idle Mixture
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$						č U	· ·	Se	ъ В С	шi ц	(3) Idle Speed
3874115 TQ-91345 459088 F, G H 41 Chrysler 4061856 Grysler F, G F G P 22 4061856 or F, G P 41 45 disconnected 6 plugged at 4061856 or R, W L 41 41 3874115 (2) Propane gain: 4061856 or R, W L 41 41 41 41 No service R, W H 44 41 41 41 41 5000 R, W H 45 45 45 41 41 5000 R, W H 45 45 45 41 41 6 C L 23 45 45 45 41 45 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>											
* A A A A A A A A A A A A A A A A A A A		A A 3				4500				A-3	
Chrysler 4061856 4104090 or 4061856 F, G or 4105090 F, G F, G F, G F, G H, W H P 22 23 23 R, W H 6 plugged at distributor. No service R, W R, W H L 4105090 410 R, W H L 4105090 410 R, W H 1 4104090 No service R, W R, W H L 4050 45 R, W H 45 H 405 (2) Propane gain: (See Service manual). No service R, W R, W H L 405 45 R, W H 45 H 405 1 23 C C L 433 41 C C S 23 C C L 433 41 C C S 23 C C L 433 41 C C S 1 23 C C L 433 41 C S 41 C C S 1 23 C C L 433 1 C S 1 C S 1 C S 1 C S 1 C S 1 C S 1 C S			3874115	TQ-91345	459088						•
4041856 or 4105090 F, G R, W R, W R, W R, W R, W R, W R, W R, W					Chrysler						
+ AA8 $+ AA8$ $+ A40$ $+ A4$					•						
AAA A A A A A A A A A A A A A A A A A				+041050							distributor.
$* AA8$ No service $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					4103090					•	(2) Propaga gains
$* AA8$ $+ AA8$ $\frac{R, W}{+} AA8$ $\frac{R, W}{+} K + 41$ $\frac{R, W}{+} K + 41$ $\frac{R, W}{+} K + 45$ $\frac{R, W}{+} L + 45$ $\frac{R, W}{+} L + 45$ $\frac{R, W}{+} K + 45$ $\frac{R, W}{+} H + 46$ $\frac{R, W}{+} H + 46$ $\frac{R, W}{+} H + 45$ $\frac{R, W}{+} H + 46$ $\frac{R, W}{+} K + \frac{R}{+} $					No service						
* AA8 + AA				ł							-
* AA8 $AA8$ AA					1	5000			45	fa an an an A	
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$ \begin{array}{c} $	ļ				,		-7 1				
$+ AA8$ $+ AA8$ $\begin{pmatrix} C & L & 23 \\ C & L & 43 \\ C & S & 23 \\ C & S & 43 \\ 4500 & X & S & 22 \\ X & P & 22 \\ 4000 & H, N & L & 45 \\ 4500 & X & S & 22 \\ X & P & 22 \\ 4000 & H, N & L & 45 \\ 4000 & H, N & L & 41 \\ H, N & L & 45 \\ 4104103 & 5000 & R, W & L & 45 \\ 4104103 & 5000 & R, W & L & 45 \\ 0 & r & 0 & R, W & L & 45 \\ 4104103 & 8000 & R, W & L & 45 \\ 0 & r & 0 & R, W & L & 45 \\ 100 & RPM in \\ R, W & H & 45 \\ R, W & H & 45 \\ R, W & H & 45 \\ C & L & 23 \\ C & S & 23 \\ C & S & 43 \\ 4104090 & 0 & R, W & L & 45 \\ 100 & RPM in \\ R, W & H & 45 \\ R, W & H & 46 \\ C & L & 23 \\ C & S & 43 \\ 4104090 & 0 & A000 \\ 10 & Same & as \\ 4104090 & 0 & A000 \\ 10 & Same & as \\ 4500 & For & 40000 & 4500 \\ 10 & Same & as \\ 40000 & 4500 \\ 10 & Same \\ 4500 & 500 \\ 10 & Same \\ 4500 & 10 & 300 \\ 10 & 30$			Í								CO measured
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ļ										at upstream
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$\frac{1}{4000} = \frac{1}{10000} = \frac{1}{10000000000000000000000000000000000$			Į.			4200.				ν.	and plugged.
4000 H, N L 22,41 speed 750 ± 4000 H, N L 41 100 RFM in H, N L 45 100 RFM in neutral. * A A 4 4104103 5000 R, W L 45 4104103 5000 R, W L 45 4105103 R, W L 46 4105103 R, W H 46 No Service C L 23 C L 23 (1) 3°± 2° BTDC W/ vacuum C S 23 C L 43 U/ vacuum 4104090 or 4000 Same as above 4105090 4500 for 4000 & 4500 (2),(3) same						<i>,</i>			22		(2) Normal data
* A A 4 H, N L 41 100 RPM in neutral. * A A 4 4104103 5000 R, W L 45 4104103 5000 R, W L 45 neutral. + AA7 AA7 No Service C L 23 + AA8 4104090 or 4000 Same as above disconnected & plugged at distributor. + AA8 4105090 4500 for 4000 & 4500 (2),(3) same						**	F, G	M	22,41		
* A 4 A 404103 5000 R, W L 45 neutral. * A 4 4104103 5000 R, W L 45 • A 4 4105103 R, W L 46 + AA7 No Service C L 23 + AA7 No Service C L 43 + AA8 4104090 or 4000 same as above 4105090 4500 for 4000 & 4500 (2),(3) same						4000					
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or R, W L 46 4105103 R, W H 45 + AA7 No Service C L 23 + AA8 4104090 or 4000 C Same as above 4104090 or 4000 same as above disconnected & 105090 4500 for 4000 & 500 (2),(3) same	± 5				4104103	5000					
4105103 B, W H 45 + AA7 No Service C L 23 - + AA8 4104090 or 4000 C Same as above + AA8 4104090 or 4000 4000 for 4000 & 4500 for 4000 & 4500	<u> </u>	54 A 4 				5000					
+ AA7 No Service R, W H 46 + AA7 C L 23 (1) 3°± 2° BTDC - C S 43 (1) 3°± 2° BTDC - D - S - S - S - D - S - S - S - D - S - S - S - D - S - S - S - D - S - S - S - D - S - S - S - D - S - S - S - D - S -											
+ AA7 + AA7 + AA8 +											
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+ AA8 + AA	+	AA7				.	C	L	43		$(1) j \cong 2^{\circ} BTDU$
+ AA8 4104090 or 4000 same as above distributor. 4105090 4500 for 4000 & 4500 (2),(3) same	ہے۔ ا						-	S			
+ AA8 4105090 4500 for 4000 & 4500 (2),(3) same no service	j						C 🦿	S	43	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	
no service 4500 187 4000 2 4500 (2),(3) same	+-	AA8			4,104,090 .01	4000	same	8.5	above		distributor.
1 /no service					4105090	4500					
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Comments **Some** models have special road load HP settings.

See page one for abbreviations. *R.C. #38 (9-28-77), ** R.C. #60 (11-10-77) Change Inertia Wt.

Date of Issue 9/2/77

Revisions*** R.C. #75a (12/16/77) K.D.D. letter 1/19/76. + R.C. #87 (2/14/78) KDD letter 3/13/78 ++ R.C. #102 (4/5/78) KDD letter 4/19/78

	Manuf				icks Executiv	□Medium- ve Order N	Duty V o. A_9	/ehicle 9 -52		4-3	
	Exhau	ıst Emission	n Control Sy	stem EGR, O	C, AI,	em		+10%	(A/C)	Yes 🖄	No 🗖
	Eng. Code	Type ESAC Mfgr.		EGR Syst. Part No. Service	Inertia Wt. Class	Car Line	Series	Body Type	Trans- mission	Tune-up S (1) Basic (2) Idle (3) Idle	: Timing Mixture
	▲ 4 1 ▲ 4 2 ▲ 45 ▲ 46	Chrysler 4091140	Carter TQ-9147S Chrysler 4041865	E90-675 459150 Chrysler 4104075 or	4500	F, G R, W R, W R, W R, W S, X X	H L H S P	45 23 41 23 41 22 22	A -3	& plu distr	uum nnected gged at ibutor.
		and a		4105075 No service	4000	H, N H, N H, N F, G F, G F, G F, G	L L H, M P H P, M	22 29 41 45 22 22 22 41 41		Manu <u>Alter</u> metho (0 ≤ CO me at up	Service al). nate d:0.5% CO% ≤ 2) asured stream
Ċ			Ŀ	Chrysler 4104031 or 4105031 No service	4500	F, G R, W R, W R, W S, X X	H L H S P	45 23 41 23 41 22 22		<pre>@ 750 neutr disco and p (3) Norma speed</pre>	yst tap RPM in al W/AI nnected lugged. l idle 750 <u>+</u> PM in
	Сотт	ents Some	models ha	ve special r	road loa	d HP sett	ings.				ral.

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Comments **Some** models have special road load HP settings. See page one for abbreviations.

Date of Issue 9/2/77

Revisions: *R.C. #67 (11/23/77) change engine code from A-A-1 and A-A-2 to A-A-3 and A-A-4.

> R.G. #75a (12/16/77) add "M" series vehicles per K.D.D. letter of 1/19/76.

R.C. #74 (12/2/77) adds engine codes AA5 and AA6

