State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-430
Relating to Certification of New Motor Vehicles

CHRYSLER CORPORATION

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

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

IT IS ORDERED AND RESOLVED: That 1999 model-year Chrysler Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: XCRXA0360J11 Displacement: 5.2 Liters (318 Cubic Inches)
5.9 Liters (360 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Heated Oxygen Sensors (two)
Sequential Multiport Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards for this engine family in grams per mile are:

| Test Weight (lbs.) | Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides | Carbon Monoxide (20°F) |
|---|---|---|---|---|---|
| 5751-8500 | 50,000 | 0.39 | 5.0 | 1.1 | 12.5 |
| | 120,000 | 0.56 | 7.3 | 1.53 | n/a |

The certification exhaust emission values for this engine family in grams per mile are:

| Test Weight (lbs.) | Miles | Non-Methane Hydrocarbons | Carbon Monoxide | Nitrogen Oxides | Carbon Monoxide (20°F) |
|---|---|---|---|---|---|
| 5751-8500 | 50,000 | 0.15 | 4.0 | 0.8 | 4.0 |
| | 120,000 | 0.16 | 4.9 | 1.04 | n/a |

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the medium-duty vehicle phase-in requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles" (Title 13, California Code of Regulations, Section 1960.1(h)(2)).

BE IT FURTHER RESOLVED: That under the submitted medium-duty vehicle phase-in compliance plan, if the manufacturer incurs "Vehicle Equivalent Debits" for the aforementioned model year due to the manufacturer's failure to produce and deliver for sale in California the equivalent quantity of medium-duty vehicles certified to low-emission vehicle and/or ultra-low-emission vehicle exhaust emission standards required by the above-referenced standards and test procedures, all "Vehicle Equivalent Debits" incurred by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles," and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 3rd day of August 1998.

R. B. Summerfield, Chief
Mobile Source Operations Division

# 1999 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
## PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: XCRXA0360J11 Evap Fam: XCRXE0174G3H, G4H, G5H, & G6H

All Eng Codes in Eng Fam: CA X 49S ____ 50S ____ AB965 ____ ORVR: YES ____ NO X

Exh Std: CA Tier-1 X TLEV ____ LEV ____ ULEV ____ SULEV ____; US EPA Tier-1 ____

Veh Class(es): PC ____ LDT1 ____ LDT2 ____ MDV1 ____ MDV2 ____ MDV3 X MDV4 X MDV5 ____

Single Cert Std for Multi-Class Eng Fam: MDV3 (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated X Flex-Fuel ____ Dual-Fuel ____ Bi-Level ____ Gasoline X Diesel ____
CNG ____ LNG ____ LPG ____ M85 ____ Other (specify) ____

Emis Test Fuel(s): Indo ____ CBG X CNG ____ LPG ____ M85 ____ Other(specify) ____
Diesel: 13 CCR 2282 ____ or 40 CFR 86.113-90 ____ or 40 CFR 86.113-94 ____

Evaporative Emission Test Procedure: California ____ Federal X

Service Accum: Std AMA ____ Mod AMA X Mfr ADP ____ Other (Specify) ____

NMOG Test Procedure: N/A X Std ____ Equiv ____ R/L Test Proce: SHED ____ Pt Source X

Engine Configuration: V-8 Displacement: 5.2 / 5.9 Liters 318 / 360 Cubic Inches

Valves per Cylinder: 2 Rated HP: 230 / 245 @ 4400 / 4000 RPM

Engine: Front X Mid ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT X

Exhaust ECS (eg., EGR, MFI, TC, CAC): HO2S(2), TWC, SFI, OBD II
(use abbreviations per SAE J1930 JUN93)

| Engine Code (also list CA/49ST/50ST) | Vehicle Models (if coded see attachment) | Trans. Type M5 A4 | ETW or Test Wt.* | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalyst Converter Part No. |
|---|---|---|---|---|---|---|---|
| CA-100 (CA) | AB1X12 | A4 | 6000 | SEE ATTACHMENT | 56040116AA 56040116AB | -- | 52103530AB |
| | AB2L12 AB2L13 AB2L52 AB3L12 AB3X12 | | 6500 | | | | |
| | AB3L13 AB3L53 AB3X13 | | 7000 | | | | |
| CA-200 (CA) | BE1L32 BE1L34 | | 6000 | | 56040114AA 56040114AB | | 52103225AD |
| CA-300 (CA) | BE6L31 BE6L32 BE6L33 BE6L34 | | 6000 | | 56040114AA 56040114AB | | 52103225AD |

Date Issued: 07/20/98

Revisions: ____

TJ08-SDS/99

# 1999 MODEL YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
## PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Eng Fam: XCRXA0360J11 Evap Fam: XCRXE0174G3H, G4H, G5H, & G6H

| Engine Code (also list CA/49ST/50ST ) | Vehicle Models (if coded see attachment) | Trans. Type M5 A4 | ETW or Test Wt.* | DPA or RLHP | Ignition (ECM/PCM) Part No. | EGR System Part No. | Catalyst Converter Part No. |
|---|---|---|---|---|---|---|---|
| CM-100 (CA) | BE1L34 | M5 | 6000 | SEE ATTACHMENT | 56040082AA<br>56040082AB | -- | 52103225AD |
| CM-200 (CA) | BE6L31<br>BE6L32<br>BE6L33<br>BE6L34 | | 6000 | | 56040082AA<br>56040082AB | -- | 52103225AD |
| CM-300 (CA) | BE2L31<br>BE2L32<br>BE2L33<br>BE2L34<br>BR2L62 | | 7000 | | 56040140AA<br>56040140AB<br>56040140AC<br>56040140AD | -- | 52103225AD |
| | BR2L62<br>BR2L65 | | 8000 | | | -- | |
| | BE3L34 | | 8500 | | | | |
| | BR3L63<br>BR3L64 | | 9000 | | | | |
| CM-400 (CA) | BE7L31<br>BE7L33<br>BE7L62 | | 7000 | | 56040140AA<br>56040140AB<br>56040140AC<br>56040140AD | | |
| | BE7L32<br>BE7L34 | | 7500 | | | | |
| | BR7L65<br>BR8L62 | | 8000 | | | | |
| | BR8L33<br>BR8L63<br>BR8L64 | | 9000 | | | | |

Evaporative Families

WCRXE0174G3H: CA-300, CM-200
WCRXE0174G4H: CA-100, CA-200, CA-300, CM-100, CM-200
WCRXE0174G5H: CA-100, CM-300, CM-400
WCRXE0174G6H: CM-300, CM-400

Date Issued: 07/20/98
Revisions:

TJ08-SDS/99

1999
XCRXA0360J11

Chrysler Corporation
Family Tire Usage

| MODEL | ENG | TRANS | A C | GVW | MKT TYPE | LVW ETW | TIRE DESCRIPTION USE | YR | COD | MFG | OPT | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R | LOADED VEHICLE WEIGHT TARGET (LINE 1 IS 20 DEG | A | B | C | SET A | B | C | NEEDED) | ADJUSTED LOADED VEHICLE WGT ALVW ETW | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | COLD CO ELECTRIC DYNO COEFFICIENTS COEFFS,LINE 2 IS 50 DEG WHEN | | | | | | | | | | | | |
| AB1X12 | ELF | DGT | RW Y | 7000 | C | 5000 | STD | 99 | TSC | TZH | | 13.83 | 17.3 | 35 | 35 | 58.56 | | | 0.04608 | | | | | 6000 | 16.08 | 16.1 | 35 | 35 |
| | | | | | | | | | | | | | | | | 53.24 | | | 0.04189 | | | | | | | | | |
| | | | | | | | OPT | 99 | TSD | TZH | | 13.83 | 17.3 | 35 | 35 | 58.56 | | | 0.04608 | | | | | | 16.08 | 16.1 | 35 | 35 |
| | | | | | | | | | | | | | | | | 53.24 | | | 0.04189 | | | | | | | | | |
| | | | | | | | OPT | 99 | TSP | TZA | | 13.99 | 17.3 | 35 | 35 | 60.27 | | | 0.04450 | | | | | | 15.88 | 16.2 | 35 | 35 |
| | | | | | | | | | | | | | | | | 54.79 | | | 0.04045 | | | | | | | | | |
| | | | | | | | OPT | 99 | TW9 | TZA | | 12.97 | 16.5 | 35 | 35 | 69.22 | | | 0.04450 | | | | | | 14.72 | 14.1 | 35 | 35 |
| | | | | | | | | | | | | | | | | 62.93 | | | 0.04045 | | | | | | | | | |
| AB2L12 | ELF | DGT | RW Y | 7700 | C | 5000 | STD | 99 | TWZ | TZH | | 12.94 | 17.1 | 40 | 40 | 65.28 | | | 0.04882 | | | | | 6500 | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 59.34 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWT | TZH | | 12.94 | 17.1 | 40 | 40 | 65.28 | | | 0.04882 | | | | | | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 59.34 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWY | TZH | | 12.94 | 17.1 | 40 | 40 | 65.28 | | | 0.04882 | | | | | | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 59.34 | | | 0.04438 | | | | | | | | | |
| AB2L13 | ELF | DGT | RW Y | 7700 | C | 5250 | STD | 99 | TWZ | TZH | | 13.53 | 17.1 | 40 | 40 | 66.00 | | | 0.04882 | | | | | 6500 | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 60.00 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWT | TZH | | 13.53 | 17.1 | 40 | 40 | 66.00 | | | 0.04882 | | | | | | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 60.00 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWY | TZH | | 13.53 | 17.1 | 40 | 40 | 66.00 | | | 0.04882 | | | | | | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 60.00 | | | 0.04438 | | | | | | | | | |
| AB2L52 | ELF | DGT | RW Y | 7700 | C | 5500 | STD | 99 | TWZ | TZH | | 13.84 | 16.4 | 40 | 40 | 70.92 | | | 0.04882 | | | | | 6500 | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 64.47 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWT | TZH | | 13.84 | 16.4 | 40 | 40 | 70.92 | | | 0.04882 | | | | | | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 64.47 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWY | TZH | | 13.84 | 16.4 | 40 | 40 | 70.92 | | | 0.04882 | | | | | | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 64.47 | | | 0.04438 | | | | | | | | | |
| AB2X12 | ELF | DGT | RW Y | 7700 | C | 5000 | STD | 99 | TWZ | TZH | | 12.94 | 17.1 | 40 | 40 | 65.28 | | | 0.04882 | | | | | 6500 | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 59.34 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWT | TZH | | 12.94 | 17.1 | 40 | 40 | 65.28 | | | 0.04882 | | | | | | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 59.34 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWY | TZH | | 12.94 | 17.1 | 40 | 40 | 65.28 | | | 0.04882 | | | | | | 15.29 | 15.4 | 50 | 65 |
| | | | | | | | | | | | | | | | | 59.34 | | | 0.04438 | | | | | | | | | |
| AB3L12 | ELF | DGT | RW Y | 8700 | C | 5000 | STD | 99 | TWT | TZH | | 12.94 | 17.1 | 40 | 45 | 65.28 | | | 0.04882 | | | | | 6500 | 15.29 | 15.4 | 55 | 80 |
| | | | | | | | | | | | | | | | | 59.34 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYT | TZH | | 12.94 | 17.1 | 40 | 40 | 65.28 | | | 0.04882 | | | | | | 15.29 | 15.4 | 55 | 80 |
| | | | | | | | | | | | | | | | | 59.34 | | | 0.04438 | | | | | | | | | |
| AB3L13 | ELF | DGT | RW Y | 8700 | C | 5250 | STD | 99 | TWY | TZH | | 13.53 | 17.1 | 40 | 40 | 66.00 | | | 0.04882 | | | | | 7000 | 16.51 | 14.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 60.00 | | | 0.04438 | | | | | | | | | |
| | | | | | | | STD | 99 | TYT | TZH | | 13.53 | 17.1 | 40 | 40 | 66.00 | | | 0.04882 | | | | | | 16.51 | 14.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 60.00 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWT | TZH | | 13.53 | 17.1 | 40 | 40 | 66.00 | | | 0.04882 | | | | | | 16.51 | 14.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 60.00 | | | 0.04438 | | | | | | | | | |
| | | | | | | | OPT | 99 | TWZ | TZH | | 13.53 | 17.1 | 40 | 40 | 66.00 | | | 0.04882 | | | | | | 16.51 | 14.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 60.00 | | | 0.04438 | | | | | | | | | |

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TJ08 - 400 /

Report Date: 07/16/98
Time: 13:00:16

1999
XCRXA0360J11

Chrysler Corporation
Family Tire Usage

| MODEL | ENG | TRANS | A C | GVW | MKT TYPE | LVW ETW | TIRE DESCRIPTION USE | YR | COD | MFG | OPT | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R | LOADED VEHICLE WEIGHT: TARGET A (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED) | B | C | SET A | B | C | ADJUSTED LOADED VEHICLE WGT: ALVW ETW | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AB3L53 | ELF | DGT | RW Y | 8700 | C | 6000 | STD | 99 | TYT | TZH | | 14.59 | 15.8 | 40 | 40 | 77.85 | | 0.04882 | | | | 7000 | 16.51 | 14.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 70.77 | | 0.04438 | | | | | | | | |
| AB3X12 | ELF | DGT | RW Y | 8700 | C | 5000 | STD | 99 | TWT | TZH | | 12.94 | 17.1 | 40 | 45 | 65.28 | | 0.04882 | | | | 6500 | 15.29 | 15.4 | 55 | 80 |
| | | | | | | | | | | | | | | | | 59.34 | | 0.04438 | | | | | | | | |
| | | | | | | | OPT | 99 | TYT | TZH | | 12.94 | 17.1 | 40 | 40 | 65.28 | | 0.04882 | | | | | 15.29 | 15.4 | 55 | 80 |
| | | | | | | | | | | | | | | | | 59.34 | | 0.04438 | | | | | | | | |
| AB3X13 | ELF | DGT | RW Y | 8700 | C | 5250 | STD | 99 | TYT | TZH | | 13.53 | 17.1 | 40 | 40 | 66.00 | | 0.04882 | | | | 7000 | 16.51 | 14.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 60.00 | | 0.04438 | | | | | | | | |
| BE1L32 | ELF | DGT | RW Y | 6400 | C | 5500 | STD | 99 | TR8 | TZA | | 16.27 | 14.2 | 35 | 35 | 56.47 | | 0.04271 | | | | 6000 | 17.63 | 13.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 51.33 | | 0.03883 | | | | | | | | |
| | | | | | | | OPT | 99 | TYU | TZA | | 16.53 | 13.9 | 35 | 35 | 49.29 | | 0.04456 | | | | | 17.61 | 14.0 | 35 | 35 |
| | | | | | | | | | | | | | | | | 44.81 | | 0.04051 | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 16.80 | 14.1 | 35 | 35 | 50.53 | | 0.04269 | | | | | 18.13 | 13.3 | 35 | 35 |
| | | | | | | | | | | | | | | | | 45.93 | | 0.03881 | | | | | | | | |
| BE1L34 | ELF | DDC | RW Y | 6400 | C | 5500 | STD | 99 | TR8 | TZA | | 17.41 | 14.1 | 35 | 35 | 45.09 | | 0.04271 | | | | 6000 | 18.86 | 13.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 40.99 | | 0.03883 | | | | | | | | |
| | | | | | | | OPT | 99 | TYU | TZA | | 17.70 | 13.8 | 35 | 35 | 37.86 | | 0.04456 | | | | | 18.84 | 13.9 | 35 | 35 |
| | | | | | | | | | | | | | | | | 34.42 | | 0.04051 | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 18.01 | 14.0 | 35 | 35 | 39.22 | | 0.04269 | | | | | 19.43 | 13.3 | 35 | 35 |
| | | | | | | | | | | | | | | | | 35.66 | | 0.03881 | | | | | | | | |
| BE1L34 | ELF | DGT | RW Y | 6400 | C | 5500 | STD | 99 | TR8 | TZA | | 16.27 | 14.2 | 35 | 35 | 56.47 | | 0.04271 | | | | 6000 | 17.63 | 13.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 51.33 | | 0.03883 | | | | | | | | |
| | | | | | | | OPT | 99 | TYU | TZA | | 16.53 | 13.9 | 35 | 35 | 49.29 | | 0.04456 | | | | | 17.61 | 14.0 | 35 | 35 |
| | | | | | | | | | | | | | | | | 44.81 | | 0.04051 | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 16.80 | 14.1 | 35 | 35 | 50.53 | | 0.04269 | | | | | 18.13 | 13.3 | 35 | 35 |
| | | | | | | | | | | | | | | | | 45.93 | | 0.03881 | | | | | | | | |
| BE2L31 | EML | DDP | RW Y | 8800 | C | 5500 | STD | 99 | TYD | TZH | | 15.76 | 14.5 | 40 | 40 | 56.52 | | 0.04461 | | | | 7000 | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 51.38 | | 0.04055 | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.90 | 16.1 | 40 | 40 | 68.66 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 62.42 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.90 | 16.1 | 40 | 40 | 68.66 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 62.42 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 15.76 | 14.5 | 40 | 40 | 56.52 | | 0.04461 | | | | | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 51.38 | | 0.04055 | | | | | | | | |
| BE2L32 | EML | DDP | RW Y | 8800 | C | 5500 | STD | 99 | TYD | TZH | | 15.76 | 14.5 | 40 | 40 | 56.52 | | 0.04461 | | | | 7000 | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 51.38 | | 0.04055 | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.90 | 16.1 | 40 | 40 | 68.66 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 62.42 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.90 | 16.1 | 40 | 40 | 68.66 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 62.42 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 15.76 | 14.5 | 40 | 40 | 56.52 | | 0.04461 | | | | | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 51.38 | | 0.04055 | | | | | | | | |
| BE2L33 | EML | DDP | RW Y | 8800 | C | 5500 | STD | 99 | TYD | TZH | | 15.76 | 14.5 | 40 | 40 | 56.52 | | 0.04461 | | | | 7000 | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 51.38 | | 0.04055 | | | | | | | | |

COLD CO ELECTRIC DYNO COEFFICIENTS

* - For DYNO HP = 0.00
Ref To FRONTAL AREA



Report Date: 07/16/98
Time: 11:00:16

1999
XCRXA0360J11

Chrysler Corporation
Family Tire Usage

Attachment to SDS pg. 3 of 12
Executive Order A-9-430

| MODEL | ENG | TRANS | A C | GVW | MKT TYPE | LVW ETW | TIRE DESCRIPTION USE | YR | COD | MFG | OPT | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R | LOADED VEHICLE WEIGHT — COLD CO ELECTRIC DYNO COEFFICIENTS: TARGET A (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED) | B | C | SET A | B | C | ADJUSTED LOADED VEHICLE WGT ALVW ETW | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.90 | 16.1 | 40 | 40 | 68.66 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 62.42 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.90 | 16.1 | 40 | 40 | 68.66 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 62.42 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 15.76 | 14.5 | 40 | 40 | 56.52 | | 0.04461 | | | | | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 51.38 | | 0.04055 | | | | | | | | |
| BE2L34 | EML | DDP | RW | Y | 8000 | C | 5500 | STD | 99 | TYD | TZH | 15.76 | 14.5 | 40 | 40 | 56.52 | | 0.04461 | | | | 7000 | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 51.38 | | 0.04055 | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.90 | 16.1 | 40 | 40 | 68.66 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 62.42 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.90 | 16.1 | 40 | 40 | 68.66 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 62.42 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 15.76 | 14.5 | 40 | 40 | 56.52 | | 0.04461 | | | | | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 51.38 | | 0.04055 | | | | | | | | |
| BE3L34 | EML | DDP | RW | Y | 10500 | C | 6500 | STD | 99 | TV1 | TZH | 14.95 | 18.3 | 45 | 40 | 70.86 | | 0.05636 | | | | 8500 | 18.64 | 20.4 | 55 | 60 |
| | | | | | | | | | | | | | | | | 64.42 | | 0.05124 | | | | | | | | |
| | | | | | | | OPT | 99 | TV2 | TZH | | 14.68 | 18.1 | 45 | 40 | 71.41 | | 0.05774 | | | | | 18.10 | 20.3 | 55 | 60 |
| | | | | | | | | | | | | | | | | 64.92 | | 0.05249 | | | | | | | | |
| BE6L31 | ELF | DDC | 4W | Y | 6600 | C | 5500 | STD | 99 | TYU | TZA | 15.40 | 15.2 | 35 | 35 | 51.68 | | 0.04795 | | | | 6000 | 16.04 | 15.6 | 35 | 35 |
| | | | | | | | | | | | | | | | | 46.98 | | 0.04359 | | | | | | | | |
| | | | | | | | OPT | 99 | TXW | TZA | | 14.73 | 16.0 | 35 | 35 | 53.40 | | 0.05066 | | | | | 15.35 | 16.4 | 35 | 35 |
| | | | | | | | | | | | | | | | | 48.54 | | 0.04605 | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 15.48 | 15.4 | 35 | 35 | 48.98 | | 0.04864 | | | | | 16.15 | 15.5 | 35 | 35 |
| | | | | | | | | | | | | | | | | 44.53 | | 0.04422 | | | | | | | | |
| | | | | | | | OPT | 99 | TYX | TZA | | 14.00 | 15.5 | 35 | 35 | 60.72 | | 0.05169 | | | | | 14.55 | 15.8 | 35 | 35 |
| | | | | | | | | | | | | | | | | 55.20 | | 0.04699 | | | | | | | | |
| | | | | | | | OPT | 99 | TYZ | TZA | | 14.00 | 15.5 | 35 | 35 | 60.72 | | 0.05169 | | | | | 14.55 | 15.8 | 35 | 35 |
| | | | | | | | | | | | | | | | | 55.20 | | 0.04699 | | | | | | | | |
| BE6L31 | ELF | DGT | 4W | Y | 6600 | C | 5500 | STD | 99 | TYU | TZA | 14.48 | 15.3 | 35 | 35 | 63.33 | | 0.04795 | | | | 6000 | 15.13 | 15.5 | 35 | 35 |
| | | | | | | | | | | | | | | | | 57.57 | | 0.04359 | | | | | | | | |
| | | | | | | | OPT | 99 | TXW | TZA | | 13.88 | 16.1 | 35 | 35 | 65.08 | | 0.05066 | | | | | 14.52 | 16.3 | 35 | 35 |
| | | | | | | | | | | | | | | | | 59.16 | | 0.04605 | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 14.55 | 15.5 | 35 | 35 | 60.61 | | 0.04864 | | | | | 15.23 | 15.4 | 35 | 35 |
| | | | | | | | | | | | | | | | | 55.10 | | 0.04422 | | | | | | | | |
| | | | | | | | OPT | 99 | TYX | TZA | | 13.23 | 15.6 | 35 | 35 | 72.46 | | 0.05169 | | | | | 13.80 | 15.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 65.87 | | 0.04699 | | | | | | | | |
| | | | | | | | OPT | 99 | TYZ | TZA | | 13.23 | 15.6 | 35 | 35 | 72.46 | | 0.05169 | | | | | 13.80 | 15.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 65.87 | | 0.04699 | | | | | | | | |
| BE6L32 | ELF | DDC | 4W | Y | 6600 | C | 6000 | STD | 99 | TYU | TZA | 16.57 | 15.4 | 35 | 35 | 54.03 | | 0.04795 | | | | 6000 | 16.04 | 15.6 | 35 | 35 |
| | | | | | | | | | | | | | | | | 49.12 | | 0.04359 | | | | | | | | |
| | | | | | | | OPT | 99 | TXW | TZA | | 15.85 | 16.2 | 35 | 35 | 55.81 | | 0.05066 | | | | | 15.35 | 16.4 | 35 | 35 |
| | | | | | | | | | | | | | | | | 50.74 | | 0.04605 | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 16.67 | 15.6 | 35 | 35 | 51.23 | | 0.04864 | | | | | 16.15 | 15.5 | 35 | 35 |
| | | | | | | | | | | | | | | | | 46.57 | | 0.04422 | | | | | | | | |

* - For DYNO HP = 0.00
Ref To FRONTAL AREA



Report Date: 07/16/98
Time: 13:00:16

1999
XCRXA0360J11

Chrysler Corporation
Family Tire Usage

| MODEL | ENG | TRANS | A C | GVW | MKT TYPE | LVW ETW | TIRE DESCRIPTION USE | YR | COD | MPG | OPT | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R | LOADED VEHICLE WEIGHT: TARGET | COLD CO ELECTRIC DYNO COEFFICIENTS (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED): A | B | C | SET A | B | C | ADJUSTED LOADED VEHICLE WGT: ALVW ETW | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | OPT | 99 | TYX | TZA | | 15.06 | 15.7 | 35 | 35 | 63.41 | | 0.05169 | | | | | | 14.55 | 15.8 | 35 | 35 |
| | | | | | | | | | | | | | | | | 57.64 | | 0.04699 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYZ | TZA | | 15.06 | 15.7 | 35 | 35 | 63.41 | | 0.05169 | | | | | | 14.55 | 15.8 | 35 | 35 |
| | | | | | | | | | | | | | | | | 57.64 | | 0.04699 | | | | | | | | | |
| BE6L32 | ELF | DGT | 4W | Y 6600 | C | 6000 | STD | 99 | TYU | TZA | | 15.60 | 15.5 | 35 | 35 | 65.61 | | 0.04795 | | | | | 6000 | 15.13 | 15.5 | 35 | 35 |
| | | | | | | | | | | | | | | | | 59.65 | | 0.04359 | | | | | | | | | |
| | | | | | | | OPT | 99 | TXW | TZA | | 14.96 | 16.3 | 35 | 35 | 67.43 | | 0.05066 | | | | | | 14.52 | 16.3 | 35 | 35 |
| | | | | | | | | | | | | | | | | 61.30 | | 0.04605 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 15.69 | 15.7 | 35 | 35 | 62.80 | | 0.04864 | | | | | | 15.23 | 15.4 | 35 | 35 |
| | | | | | | | | | | | | | | | | 57.09 | | 0.04422 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYX | TZA | | 14.25 | 15.8 | 35 | 35 | 75.07 | | 0.05169 | | | | | | 13.80 | 15.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 68.25 | | 0.04699 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYZ | TZA | | 14.25 | 15.8 | 35 | 35 | 75.07 | | 0.05169 | | | | | | 13.80 | 15.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 68.25 | | 0.04699 | | | | | | | | | |
| BE6L33 | ELF | DDC | 4W | Y 6600 | C | 5500 | STD | 99 | TYU | TZA | | 15.40 | 15.2 | 35 | 35 | 51.68 | | 0.04795 | | | | | 6000 | 16.04 | 15.6 | 35 | 35 |
| | | | | | | | | | | | | | | | | 46.98 | | 0.04359 | | | | | | | | | |
| | | | | | | | OPT | 99 | TXW | TZA | | 14.73 | 16.0 | 35 | 35 | 53.40 | | 0.05066 | | | | | | 15.35 | 16.4 | 35 | 35 |
| | | | | | | | | | | | | | | | | 48.54 | | 0.04605 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 15.48 | 15.4 | 35 | 35 | 48.98 | | 0.04864 | | | | | | 16.15 | 15.5 | 35 | 35 |
| | | | | | | | | | | | | | | | | 44.53 | | 0.04422 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYX | TZA | | 14.00 | 15.5 | 35 | 35 | 60.72 | | 0.05169 | | | | | | 14.55 | 15.8 | 35 | 35 |
| | | | | | | | | | | | | | | | | 55.20 | | 0.04699 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYZ | TZA | | 14.00 | 15.5 | 35 | 35 | 60.72 | | 0.05169 | | | | | | 14.55 | 15.8 | 35 | 35 |
| | | | | | | | | | | | | | | | | 55.20 | | 0.04699 | | | | | | | | | |
| BE6L33 | ELF | DGT | 4W | Y 6600 | C | 5500 | STD | 99 | TYU | TZA | | 14.48 | 15.3 | 35 | 35 | 63.33 | | 0.04795 | | | | | 6000 | 15.13 | 15.5 | 35 | 35 |
| | | | | | | | | | | | | | | | | 57.57 | | 0.04359 | | | | | | | | | |
| | | | | | | | OPT | 99 | TXW | TZA | | 13.88 | 16.1 | 35 | 35 | 65.08 | | 0.05066 | | | | | | 14.52 | 16.3 | 35 | 35 |
| | | | | | | | | | | | | | | | | 59.16 | | 0.04605 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 14.55 | 15.5 | 35 | 35 | 60.61 | | 0.04864 | | | | | | 15.23 | 15.4 | 35 | 35 |
| | | | | | | | | | | | | | | | | 55.10 | | 0.04422 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYX | TZA | | 13.23 | 15.6 | 35 | 35 | 72.46 | | 0.05169 | | | | | | 13.80 | 15.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 65.87 | | 0.04699 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYZ | TZA | | 13.23 | 15.6 | 35 | 35 | 72.46 | | 0.05169 | | | | | | 13.80 | 15.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 65.87 | | 0.04699 | | | | | | | | | |
| BE6L34 | ELF | DDC | 4W | Y 6600 | C | 6000 | STD | 99 | TYU | TZA | | 16.57 | 15.4 | 35 | 35 | 54.03 | | 0.04795 | | | | | 6000 | 16.04 | 15.6 | 35 | 35 |
| | | | | | | | | | | | | | | | | 49.12 | | 0.04359 | | | | | | | | | |
| | | | | | | | OPT | 99 | TXW | TZA | | 15.85 | 16.2 | 35 | 35 | 55.81 | | 0.05066 | | | | | | 15.35 | 16.4 | 35 | 35 |
| | | | | | | | | | | | | | | | | 50.74 | | 0.04605 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 16.67 | 15.6 | 35 | 35 | 51.23 | | 0.04864 | | | | | | 16.15 | 15.5 | 35 | 35 |
| | | | | | | | | | | | | | | | | 46.57 | | 0.04422 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYX | TZA | | 15.06 | 15.7 | 35 | 35 | 63.41 | | 0.05169 | | | | | | 14.55 | 15.8 | 35 | 35 |
| | | | | | | | | | | | | | | | | 57.64 | | 0.04699 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYZ | TZA | | 15.06 | 15.7 | 35 | 35 | 63.41 | | 0.05169 | | | | | | 14.55 | 15.8 | 35 | 35 |
| | | | | | | | | | | | | | | | | 57.64 | | 0.04699 | | | | | | | | | |

* - For DYNO HP = 0.00
Ref To FRONTAL AREA



Report Date: 07/16/98
Time: 13:00:16

1999
XCRXA0360J11

Chrysler Corporation
Family Tire Usage

| MODEL | ENG | TRANS | A C | GVW | MKT TYPE | LVW ETW | TIRE DESCRIPTION USE | YR | COD | MFG | OPT | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R | LOADED VEHICLE WEIGHT: TARGET (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED) | COLD CO ELECTRIC DYNO COEFFICIENTS: A | B | C | SET A | B | C | ADJUSTED LOADED VEHICLE WGT: ALVW ETW | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BE6L34 | ELF | DGT | 4W Y | 6600 | C | 6000 | STD | 99 | TYU | TZA | | 15.60 | 15.5 | 35 | 35 | 65.61 | | 0.04795 | | | | | 6000 | 15.13 | 15.5 | 35 | 35 |
| | | | | | | | | | | | | | | | | 59.65 | | 0.04359 | | | | | | | | | |
| | | | | | | | OPT | 99 | TXW | TZA | | 14.96 | 16.3 | 35 | 35 | 67.43 | | 0.05066 | | | | | | 14.52 | 16.3 | 35 | 35 |
| | | | | | | | | | | | | | | | | 61.30 | | 0.04605 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYV | TZH | | 15.69 | 15.7 | 35 | 35 | 62.80 | | 0.04864 | | | | | | 15.23 | 15.4 | 35 | 35 |
| | | | | | | | | | | | | | | | | 57.09 | | 0.04422 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYX | TZA | | 14.25 | 15.8 | 35 | 35 | 75.07 | | 0.05169 | | | | | | 13.80 | 15.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 68.25 | | 0.04699 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYZ | TZA | | 14.25 | 15.8 | 35 | 35 | 75.07 | | 0.05169 | | | | | | 13.80 | 15.7 | 35 | 35 |
| | | | | | | | | | | | | | | | | 68.25 | | 0.04699 | | | | | | | | | |
| BE7L31 | EML | DDP | 4W Y | 8800 | C | 6000 | STD | 99 | TYD | TZH | | 14.68 | 17.1 | 40 | 40 | 66.30 | | 0.05268 | | | | | 7000 | 16.63 | 13.8 | 65 | 80 |
| | | | | | | | | | | | | | | | | 60.28 | | 0.04789 | | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.28 | 18.5 | 40 | 40 | 64.82 | | 0.05561 | | | | | | 15.99 | 15.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 58.93 | | 0.05055 | | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.28 | 18.5 | 40 | 40 | 64.82 | | 0.05561 | | | | | | 15.99 | 15.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 58.93 | | 0.05055 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 14.68 | 17.1 | 40 | 40 | 66.30 | | 0.05268 | | | | | | 16.63 | 13.8 | 65 | 80 |
| | | | | | | | | | | | | | | | | 60.28 | | 0.04789 | | | | | | | | | |
| BE7L32 | EML | DDP | 4W Y | 8800 | C | 6500 | STD | 99 | TYD | TZH | | 15.43 | 17.8 | 40 | 40 | 72.67 | | 0.05268 | | | | | 7500 | 17.66 | 14.9 | 65 | 80 |
| | | | | | | | | | | | | | | | | 66.07 | | 0.04789 | | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 15.03 | 19.2 | 40 | 40 | 71.07 | | 0.05561 | | | | | | 16.96 | 16.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 64.61 | | 0.05055 | | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 15.03 | 19.2 | 40 | 40 | 71.07 | | 0.05561 | | | | | | 16.96 | 16.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 64.61 | | 0.05055 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 15.43 | 17.8 | 40 | 40 | 72.67 | | 0.05268 | | | | | | 17.66 | 14.9 | 65 | 80 |
| | | | | | | | | | | | | | | | | 66.07 | | 0.04789 | | | | | | | | | |
| BE7L33 | EML | DDP | 4W Y | 8800 | C | 6000 | STD | 99 | TYD | TZH | | 14.68 | 17.1 | 40 | 40 | 66.30 | | 0.05268 | | | | | 7000 | 16.63 | 13.8 | 65 | 80 |
| | | | | | | | | | | | | | | | | 60.28 | | 0.04789 | | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.28 | 18.5 | 40 | 40 | 64.82 | | 0.05561 | | | | | | 15.99 | 15.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 58.93 | | 0.05055 | | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.28 | 18.5 | 40 | 40 | 64.82 | | 0.05561 | | | | | | 15.99 | 15.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 58.93 | | 0.05055 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 14.68 | 17.1 | 40 | 40 | 66.30 | | 0.05268 | | | | | | 16.63 | 13.8 | 65 | 80 |
| | | | | | | | | | | | | | | | | 60.28 | | 0.04789 | | | | | | | | | |
| BE7L34 | EML | DDP | 4W Y | 8800 | C | 6000 | STD | 99 | TYD | TZH | | 14.68 | 17.1 | 40 | 40 | 66.30 | | 0.05268 | | | | | 7500 | 17.66 | 14.9 | 65 | 80 |
| | | | | | | | | | | | | | | | | 60.28 | | 0.04789 | | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.28 | 18.5 | 40 | 40 | 64.82 | | 0.05561 | | | | | | 16.96 | 16.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 58.93 | | 0.05055 | | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.28 | 18.5 | 40 | 40 | 64.82 | | 0.05561 | | | | | | 16.96 | 16.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 58.93 | | 0.05055 | | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 14.68 | 17.1 | 40 | 40 | 66.30 | | 0.05268 | | | | | | 17.66 | 14.9 | 65 | 80 |
| | | | | | | | | | | | | | | | | 60.28 | | 0.04789 | | | | | | | | | |
| BE8L34 | EML | DDP | 4W Y | 11000 | C | 7000 | STD | 99 | TV1 | TZH | | 13.66 | 20.8 | 65 | 40 | 91.18 | | 0.06393 | | | | | 9000 | 16.65 | 24.3 | 70 | 60 |
| | | | | | | | | | | | | | | | | 82.89 | | 0.05812 | | | | | | | | | |

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TJ08 - 404 /

Report Date: 07/16/98
Time: 13:00:16

1999
XCRXA0360J11

Chrysler Corporation
Family Tire Usage

| MODEL | ENG | TRANS | A C | GVW | MKT TYPE | LVW ETW | TIRE DESCRIPTION USE | YR | COD | MFG | OPT | LOADED VEHICLE WEIGHT COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R | COLD CO ELECTRIC DYNO COEFFICIENTS TARGET A (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED) | B | C | SET A | B | C | ADJUSTED LOADED VEHICLE WGT ALVW ETW | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | OPT | 99 | TV2 | TZH | | 13.53 | 20.4 | 65 | 40 | 96.29 | | 0.06284 | | | | | 16.23 | 22.6 | 70 | 60 |
| | | | | | | | | | | | | | | | | 87.53 | | 0.05713 | | | | | | | | |
| BR2L62 | EML | DDP | RW Y | 8800 | C | 5250 | STD | 99 | TYD | TZH | | 15.29 | 14.3 | 40 | 40 | 53.71 | | 0.04461 | | | | 7000 | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 48.83 | | 0.04055 | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.44 | 16.0 | 40 | 40 | 65.34 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 59.40 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.44 | 16.0 | 40 | 40 | 65.34 | | 0.04385 | | | | | 17.69 | 13.8 | 55 | 80 |
| | | | | | | | | | | | | | | | | 59.40 | | 0.03986 | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 15.29 | 14.3 | 40 | 40 | 53.71 | | 0.04461 | | | | | 19.29 | 11.7 | 55 | 80 |
| | | | | | | | | | | | | | | | | 48.83 | | 0.04055 | | | | | | | | |
| BR2L65 | EML | DDP | RW Y | 8800 | C | 7500 | STD | 99 | TYD | TZH | | 0.00 | 35.0 | 40 | 40 | | | | | | | 8000 | 0.00 | 35.0 | 55 | 80 |
| | | | | | | | OPT | 99 | TY1 | TZH | | 0.00 | 35.0 | 40 | 40 | | | | | | | | 0.00 | 35.0 | 55 | 80 |
| | | | | | | | OPT | 99 | TY2 | TZH | | 0.00 | 35.0 | 40 | 40 | | | | | | | | 0.00 | 35.0 | 55 | 80 |
| | | | | | | | OPT | 99 | TYN | TZH | | 0.00 | 35.0 | 40 | 40 | | | | | | | | 0.00 | 35.0 | 55 | 80 |
| BR3L62 | EML | DDP | RW Y | 10500 | C | 6000 | STD | 99 | TV1 | TZH | | 14.19 | 18.1 | 45 | 40 | 64.73 | | 0.05636 | | | | 8000 | 17.76 | 20.5 | 55 | 60 |
| | | | | | | | | | | | | | | | | 58.85 | | 0.05124 | | | | | | | | |
| | | | | | | | OPT | 99 | TV2 | TZH | | 13.94 | 17.9 | 45 | 40 | 65.22 | | 0.05774 | | | | | 17.25 | 20.5 | 55 | 60 |
| | | | | | | | | | | | | | | | | 59.29 | | 0.05249 | | | | | | | | |
| BR3L63 | EML | DDP | RW Y | 11000 | C | 8000 | STD | 99 | TV1 | TZH | | 0.00 | 48.0 | 45 | 40 | | | | | | | 9000 | 0.00 | 48.0 | 55 | 60 |
| | | | | | | | OPT | 99 | TV2 | TZH | | 0.00 | 48.0 | 45 | 40 | | | | | | | | 0.00 | 48.0 | 55 | 60 |
| | | | | | | | OPT | 99 | TXB | TZH | | 0.00 | 48.0 | 45 | 40 | | | | | | | | 0.00 | 48.0 | 55 | 60 |
| BR3L64 | EML | DDP | RW Y | 11000 | C | 8000 | STD | 99 | TV1 | TZH | | 0.00 | 48.0 | 45 | 40 | | | | | | | 9000 | 0.00 | 48.0 | 55 | 60 |
| | | | | | | | OPT | 99 | TV2 | TZH | | 0.00 | 48.0 | 45 | 40 | | | | | | | | 0.00 | 48.0 | 55 | 60 |
| | | | | | | | OPT | 99 | TXB | TZH | | 0.00 | 48.0 | 45 | 40 | | | | | | | | 0.00 | 48.0 | 55 | 60 |
| BR7L62 | EML | DDP | 4W Y | 8800 | C | 6000 | STD | 99 | TYD | TZH | | 14.68 | 17.1 | 40 | 40 | 66.30 | | 0.05268 | | | | 7000 | 16.63 | 13.8 | 65 | 80 |
| | | | | | | | | | | | | | | | | 60.28 | | 0.04789 | | | | | | | | |
| | | | | | | | OPT | 99 | TY1 | TZH | | 14.28 | 18.5 | 40 | 40 | 64.82 | | 0.05561 | | | | | 15.99 | 15.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 58.93 | | 0.05055 | | | | | | | | |
| | | | | | | | OPT | 99 | TY2 | TZH | | 14.28 | 18.5 | 40 | 40 | 64.82 | | 0.05561 | | | | | 15.99 | 15.4 | 65 | 80 |
| | | | | | | | | | | | | | | | | 58.93 | | 0.05055 | | | | | | | | |
| | | | | | | | OPT | 99 | TYN | TZH | | 14.68 | 17.1 | 40 | 40 | 66.30 | | 0.05268 | | | | | 16.63 | 13.8 | 65 | 80 |
| | | | | | | | | | | | | | | | | 60.28 | | 0.04789 | | | | | | | | |
| BR7L65 | EML | DDP | 4W Y | 8800 | C | 7500 | STD | 99 | TYD | TZH | | 0.00 | 35.0 | 40 | 40 | | | | | | | 8000 | 0.00 | 35.0 | 65 | 80 |
| | | | | | | | OPT | 99 | TY1 | TZH | | 0.00 | 35.0 | 40 | 40 | | | | | | | | 0.00 | 35.0 | 65 | 80 |
| | | | | | | | OPT | 99 | TY2 | TZH | | 0.00 | 35.0 | 40 | 40 | | | | | | | | 0.00 | 35.0 | 65 | 80 |
| | | | | | | | OPT | 99 | TYN | TZH | | 0.00 | 35.0 | 40 | 40 | | | | | | | | 0.00 | 35.0 | 65 | 80 |
| BR8L62 | EML | DDP | 4W Y | 10500 | C | 6000 | STD | 99 | TV1 | TZH | | 12.29 | 20.2 | 65 | 40 | 78.97 | | 0.06393 | | | | 8000 | 15.28 | 23.9 | 70 | 60 |
| | | | | | | | | | | | | | | | | 71.79 | | 0.05812 | | | | | | | | |
| | | | | | | | OPT | 99 | TV2 | TZH | | 12.20 | 19.7 | 65 | 40 | 83.48 | | 0.06284 | | | | | 14.90 | 22.5 | 70 | 60 |
| | | | | | | | | | | | | | | | | 75.89 | | 0.05713 | | | | | | | | |
| BR8L63 | EML | DDP | 4W Y | 11000 | C | 8000 | STD | 99 | TV1 | TZH | | 0.00 | 48.0 | 65 | 40 | | | | | | | 9000 | 0.00 | 48.0 | 70 | 60 |
| | | | | | | | OPT | 99 | TV2 | TZH | | 0.00 | 48.0 | 65 | 40 | | | | | | | | 0.00 | 48.0 | 70 | 60 |
| | | | | | | | OPT | 99 | TXB | TZH | | 0.00 | 48.0 | 65 | 40 | | | | | | | | 0.00 | 48.0 | 70 | 60 |

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TJ08 - 405 /

Report Date: 07/16/98
Time: 13:00:16

1999
XCRXA0360J11

Chrysler Corporation
Family Tire Usage

| MODEL | ENG | TRANS | A C | GVW | MKT TYPE | LVW ETW | TIRE DESCRIPTION USE | YR | COD | MPG | OPT | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R | TARGET (LINE 1 IS 20 DEG COEFFS, LINE 2 IS 50 DEG WHEN NEEDED) A | B | C | SET A | B | C | ALVW ETW | COAST DOWN TIME | *DYNO HP | TIRE PRES F | TIRE PRES R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | LOADED VEHICLE WEIGHT | | | | COLD CO ELECTRIC DYNO COEFFICIENTS | | | | | | ADJUSTED LOADED VEHICLE WGT | | | | |
| BR8L64 | EML | DDP | 4W | Y 11000 | C | 8000 | STD | 99 | TV1 | TZH | | 0.00 | 48.0 | 65 | 40 | | | | | | | 9000 | 0.00 | 48.0 | 70 | 60 |
| | | | | | | | OPT | 99 | TV2 | TZH | | 0.00 | 48.0 | 65 | 40 | | | | | | | | 0.00 | 48.0 | 70 | 60 |
| | | | | | | | OPT | 99 | TXB | TZH | | 0.00 | 48.0 | 65 | 40 | | | | | | | | 0.00 | 48.0 | 70 | 60 |

* - For DYNO HP = 0.00
Ref To FRONTAL AREA



Report Date: 07/16/98
Time: 13:00:16

1999
XCRXA0360J11

Chrysler Corporation
FAMILY TIRE DESCRIPTION

| TIRE DESCRIPTION YR | COD | MPG | OPT | NAME | SIZE | RPM | CONSTRUCTION COD | TREAD MATERIAL | PLY | SW | SIDEWALL MATERIAL | PLY | OVERLAY MATERIAL | PLY | TREAD DEPTH (IN.) X 1/32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 99 | TR8 | TZA | | WRANGLER APC | P225/75R16-XL | 716 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 12 |
| 99 | TSC | TZH | | XW4 (A/S) | P235/75R15-XL | 720 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 10 |
| 99 | TSD | TZH | | XW4 (A/S) | P235/75R15-XL | 720 | SBR | 2-Steel/2-Polyester | 4 | WSW | Polyester | 2 | None | 0 | 10 |
| 99 | TSF | TZA | | INVICTA-GL (A/S) | P235/75R15-XL | 724 | SBR | 2-Steel/2-Polyester | 4 | OWL | Polyester | 2 | None | 0 | 10 |
| 99 | TV1 | TZH | | LTX (A/S) | LT215/85R16-E | 682 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 13 |
| 99 | TV2 | TZH | | LTX (M/S) | LT215/85R16-E | 683 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 17 |
| 99 | TW9 | TZA | | WRANGLER AT (A/S) | LT235/75R15-D | 716 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 13 |
| 99 | TWT | TZH | | LTX (A/S) | LT225/75R16-E | 711 | SBR | 3-Steel/2-Polyester | 5 | BSW | Polyester | 2 | None | 0 | 14 |
| 99 | TWY | TZH | | LTX (A/S) | LT225/75R16-D | 712 | SBR | 3-Steel/2-Polyester | 5 | OWL | Polyester | 2 | None | 0 | 13 |
| 99 | TWZ | TZH | | LTX (A/S) | LT225/75R16-D | 712 | SBR | 3-Steel/2-Polyester | 5 | BSW | Polyester | 2 | None | 0 | 13 |
| 99 | TXB | TZH | | XPS (RIB) | LT215/85R16-E | 687 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 15 |
| 99 | TXW | TZA | | WRANGLER RTS (A/T) | P265/75R16 | 660 | SBR | 2-Steel/2-Polyester | 4 | OWL | Polyester | 2 | None | 0 | 15 |
| 99 | TY1 | TZH | | LTX (M/S) | LT245/75R16-E | 678 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 14 |
| 99 | TY2 | TZH | | LTX (M/S) | LT245/75R16-E | 678 | SBR | 2-Steel/2-Polyester | 4 | OWL | Polyester | 2 | None | 0 | 14 |
| 99 | TYD | TZH | | LTX A/S | LT245/75R16E | 679 | SBR | 3-STEEL/2-POLYESTER | 5 | BSW | POLYESTER | 2 | None | 0 | 14 |
| 99 | TYN | TZH | | LTX A/S | LT245/75R16E | 679 | SBR | 3-STEEL/2-POLYESTER | 5 | OWL | POLYESTER | 2 | None | 0 | 14 |
| 99 | TYT | TZH | | LTX (A/S) | LT245/75R16-E | 679 | SBR | 3-Steel/2-Polyester | 5 | BSW | Polyester | 2 | None | 0 | 14 |
| 99 | TYU | TZA | | WRANGLER APC | P245/75R16 | 689 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 12 |
| 99 | TYV | TZH | | LTX A/S | P245/75R16 | 691 | SBR | 2-Steel/2-Polyester | 4 | OWL | Polyester | 2 | None | 0 | 10 |
| 99 | TYX | TZA | | WRANGLER RTS (A/S) | P245/75R16 | 692 | SBR | 2-Steel/2-Polyester | 4 | BSW | Polyester | 2 | None | 0 | 13 |
| 99 | TYZ | TZA | | WRANGLER RTS (A/S) | P245/75R16 | 692 | SBR | 2-Steel/2-Polyester | 4 | OWL | Polyester | 2 | None | 0 | 13 |



Report Date: 07/16/98
Time: 13:00:16

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXA0360J11
Evaporative Fam: XCRXE0174G4H

Certificate #:

| Model ID | Car Line | California Sales |
|---|---|---|
| BE1L32 | Ram 1500 Pickup 2WD | YES |
| BE1L34 | Ram 1500 Pickup 2WD | YES |
| BE6L32 | Ram 1500 Pickup 4WD | YES |
| BE6L34 | Ram 1500 Pickup 4WD | YES |
| AB1X12 | Ram Van 1500 2WD | YES |
| AB2L12 | Ram Van 2500 2WD | YES |
| AB2L13 | Ram Van 2500 2WD | YES |
| AB2X12 | Ram Van 2500 2WD | YES |
| AB2L52 | Ram Wagon 2500 2WD | YES |

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Model Codes
AB 1 L 11

-- 1st digit: 2nd digit:
1=Van 1=109.6" wb
5=Wagon 2=127.6" wb
3=127.6" maxi wb

----- Price Class
L=Low Line
X=Premium

------- Model:
1=B1500
2=B2500
3=B3500

---------- Body Code:
Vans
Wagons

Model Codes
BE 8 L 34

-- 1st digit: 2nd digit:
3=Club Cab 1=139" wb w/2 Doors
2=155" wb w/2 Doors
3=139" wb w/4 Doors
4=155" wb w/4 Doors

----- Price Class
L=Covers all trim levels

------- Model:
1=1500 6=1500 4X4
2=2500 7=2500 4X4
3=3500 8=3500 4X4

---------- Body Code:
Ram Club Cab

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXA0360J11
Evaporative Fam: XCRXE0174G3H

Certificate #:

| Model ID | Car Line | California Sales |
|---|---|---|
| BE6L31 | Ram 1500 Pickup 4WD | YES |
| BE6L33 | Ram 1500 Pickup 4WD | YES |

Model Codes
BE 8 L 34

-- 1st digit: 3=Club Cab
2nd digit:
1=139" wb w/2 Doors
2=155" wb w/2 Doors
3=139" wb w/4 Doors
4=155" wb w/4 Doors

----- Price Class
L=Covers all trim levels

------- Model:
1=1500 6=1500 4X4
2=2500 7=2500 4X4
3=3500 8=3500 4X4

---------- Body Code:
Ram Club Cab

MODELS COVERED BY CERTIFICATE



Executive Order A-9-430

Certificate #:

Vehicle MFR: CHRYSLER

Engine Family: XCRXA0360J11
Evaporative Fam: XCRXE0174G5H

| Model ID | Car Line | California Sales |
|---|---|---|
| BR7L62 | Ram 2500 Pickup 4WD | YES |
| BE2L31 | Ram 2500 Pickup HDV 2WD | YES |
| BE2L32 | Ram 2500 Pickup HDV 2WD | YES |
| BE2L33 | Ram 2500 Pickup HDV 2WD | YES |
| BE2L34 | Ram 2500 Pickup HDV 2WD | YES |
| BR2L62 | Ram 2500 Pickup HDV 2WD | YES |
| BE7L31 | Ram 2500 Pickup HDV 4WD | YES |
| BE7L32 | Ram 2500 Pickup HDV 4WD | YES |
| BE7L33 | Ram 2500 Pickup HDV 4WD | YES |
| BE7L34 | Ram 2500 Pickup HDV 4WD | YES |
| BE3L34 | Ram 3500 Pickup 2WD | YES |
| BR3L62 | Ram 3500 Pickup 2WD HDV | YES |
| BE8L34 | Ram 3500 Pickup 4WD | YES |
| BR8L62 | Ram 3500 Pickup 4WD | YES |
| AB3L13 | Ram Van 3500 2WD | YES |
| AB3X13 | Ram Van 3500 2WD | YES |
| AB3L12 | Ram Van B3500 2WD | YES |
| AB3X12 | Ram Van B3500 2WD | YES |
| AB3L53 | Ram Wagon 3500 2WD HDV | YES |

Model Codes

AB 1 L 11

- 1st digit:
  - 1=Van
  - 5=Wagon
- 2nd digit:
  - 1=109.6" wb
  - 2=127.6" wb
  - 3=127.6" maxi wb
- Price Class
  - L=Low Line
  - X=Premium
- Model:
  - 1=B1500
  - 2=B2500
  - 3=B3500
- Body Code:
  - Vans
  - Wagons

Model Codes

BE 8 L 34

- 1st digit:
  - 3=Club Cab
- 2nd digit:
  - 1=139" wb w/2 Doors
  - 2=155" wb w/2 Doors
  - 3=139" wb w/4 Doors
  - 4=155" wb w/4 Doors
- Price Class
  - L=Covers all trim levels
- Model:
  - 1=1500 6=1500 4X4
  - 2=2500 7=2500 4X4
  - 3=3500 8=3500 4X4
- Body Code:
  - Ram Club Cab

Model Codes

BR 2 L 62

- 1st digit:
  - 6=Regular Cab
- 2nd digit:
  - 1=119" or 139" wb
  - 2=135" or 155" wb
  - 3=139" wb Chassis Cab
  - 4=163" wb Chassis Cab
  - 5=135" wb Chassis Cab
- Price Class
  - L=Covers all trim levels
- Model:
  - 1=1500 6=1500 4X4
  - 2=2500 7=2500 4X4
  - 3=3500 8=3500 4X4
- Body Code:
  - Ram Pickup
  - Ram Club Cab
  - Ram Chassis Cab

MODELS COVERED BY CERTIFICATE

Vehicle MFR: CHRYSLER

Engine Family: XCRXA0360J11
Evaporative Fam: XCRXE0174G6H

Certificate #:

| Model ID | Car Line | California Sales |
|---|---|---|
| BR7L65 | Ram 2500 Cab Chassis 4WD HDV | YES |
| BR2L65 | Ram 2500 Pickup HDV 2WD | YES |
| BR8L63 | Ram 3500 Cab Chassis 4WD HDV | YES |
| BR3L63 | Ram 3500 Pickup 2WD HDV | YES |
| BR3L64 | Ram 3500 Pickup 2WD HDV | YES |
| BR8L64 | Ram 3500 Pickup 4WD HDV | YES |

```
Model Codes
BR 2 L  62
|  | |  |
|  | |  -- 1st digit:    2nd digit:
|  | |      6=Regular Cab 1=119" or 139" wb
|  | |                    2=135" or 155" wb
|  | |                    3=139" wb Chassis Cab
|  | |                    4=163" wb Chassis Cab
|  | |                    5=135" wb Chassis Cab
|  | ----- Price Class
|  |        L=Covers all trim levels
|  |        C=Chassis Cab
|  |
|  ------- Model:
|           1=1500   6=1500 4X4
|           2=2500   7=2500 4X4
|           3=3500   8=3500 4X4
|
---------- Body Code:
            Ram Pickup
            Ram Club Cab
            Ram Chassis Cab
```