DAIMLERCHRYSLER AG

EXECUTIVE ORDER A-003-0276-1 New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515-39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

| MOD YEA | | TEST GROUP | | | M | VEHICLE TYPE C=passenger car; LDT=light-duty truck; DV=medium-duty vehicle; LVW=loaded vehicle weight; ALVW=adjusted LVW) | CATEGO vehici | ST EMISSION STANDA DRY (LEV=low emis: e; TLEV= transitional LEV tra LEV; SULEV=super UL | sion : | EXHAUST / EVAPORATIVE USEFUL LIFE (UL) (miles) | FUEL TYPE (CNG/LNG=compressed/ liquefied natural gas; LPG=liquefied petroleum gas) | | | | | |
|-------------|-------|------------------|---|--|-----------------------|--|------------------|--|---|---|--|--|--|--|--|--|
| 200 | | 4MBXT03.7UBI | | | ! | MDV: 3,751-5,750 Pounds ALVW | | ULEV | | EXH: 120K EVAF1: 150K EVAF2/ORVR: 150K/120K | Gasoline (Tier 2 Unleaded) | | | | | |
| No. | | APORA MILY (E | | | No. | SPECIAL FEATURES EMISSION CONTROL SYSTEM | | * = not applicable | OC WI | C/TWC=oxidizing/3-way | cat. ADSTWC=adsorbing TWC O2S=oxygen sensor/heated O2S | | | | | |
| 1 | 4MB | 4MBXE0153NNZ | | | 1 | SFI, 2WUTWC, 2TWC, 2HO | 2S(2), AIR | AF | AFS/HAFS=air-fuel ratio sensor/heated AFS EGR=exhaust gas recirculation AIR/PAIR=secondary air injection/pulsed AIR MFI/SFI= multiport fuel injection/sequential MFI TBI= throttle body injection TC/SC=turbo /super charger CAC=charge air cooler OBD (F) / (P)=full /partial on-board | | | | | | | |
| 2 | 4MB | BXR0153LNZ | | | 2 | * | | ga: | | | | | | | | |
| 3 | | * | * | | | • | | ТВ | | | | | | | | |
| 4 | | * | * | | 4 | - • | | | dia | ignostic prefix 2≖para | liel (2) suffix=series | | | | | |
| EVAI No. | | ECS No. | 1 1111111111111111111111111111111111111 | | ICLES SUBJECT TO SFTP | | | BREVIATIONS: * | | | | | | | | |
| 1 | 1 | | 3.7 | | | MERCEDES-BENZ ML350 | | | | | | | | | | |
| 2 | 1 3.7 | | | | 1 | MERCEDES-BENZ ML350 | | | | | | | | | | |
| * | * * | | | | | * | | | | | | | | | | |
| * | | | | | * | | | | | | | | | | | |

The exhaust and evaporative emission standards (STD) and certification emission levels (CERT) for the listed vehicles are as follows (compliance with the 50 °F testing requirement (for TLEV, LEV, ULEV, SULEV) may have been met based on the manufacturer's submitted compliance plan in lieu of testing). Any debit in the manufacturer's "NMOG Fleet Average" (PC and LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required. (For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

| NMOG FLEET AVERAGE [g/mi] | | | | @ RAF= * RAF = * | NMOG or | CH4=methane NMOG=non-CH4 organic gas NMHC=non-CH4 hydrocarbon CO=carbon monoxide NOx=oxides of nitrogen HCHO=formaldehyde PM=particulate matter RAF=reactivity adjustment factor 2/3 D [g/test]=2/3 day diurnal+hot-soak RL [g/mi]=running loss ORVR [g/gallon dispensed]=on-board refuelling vapor recovery g=gram | | | | | | | | | | | |
|------------------------------|----------|--------|----------------|-----------------------------|-----------------------|---|----------------------|------------------------|---------------------------|--------------|---------------------------|----------------------------|---------------------------|------------------------------|---------------------|--------|--|
| CER | CERT STD | | NMOG | NMHC | NMHC STD [g/mi] | mg=millig | ot-soak K ram mi= | L[g/mı]≕ru ≕mile K≕ | nning los: 1000 miles | s OR\ s F | VR [g/gallo ≔degrees i | n dispensed) Fahrenheit | on-board re= SFTP=supp | efueling vap elemental fe | or recovery | g=gram | |
| | * | | CERT [g/mi] | CERT | | | CO [g/mi] | | NOx [g/mi] | | | [mg/mi] | PM [g/mi] | | Hwy NOx [g/mi] | | |
| | | | [g/IIII] | [g/mi] | 101 | CERT | STD | CER | T ST | D | CERT | STD | CERT | STD | CERT | STD | |
| | | @ 50K | 0.021 | • | 0.100 | 0.2 | 4.4 | 0.1 | 0. | .4 | 1 | 9 | * | * | 0.01 | 0.8 | |
| | | | 0.025 | * | 0.143 | 0.2 | 6.4 | 0.1 | 0. | .6 | 1 | 13 | * | | 0.04 | 1.2 | |
| | @ 50 | F & 4K | 0.042 | • | 0.200 | 0.2 | 4.4 | 0.2 | 0. | .4 | 2 | 18 | * | * | * | * | |
| CO [@ 20 | °F& | LE LE | V) or 50K (| LEV, ULEV, lier 1, TLEV) | NMHC+NC (compo | | ite) (composite) | | NMHC+NOx [g/mi] [US06] | | | CO [g/mi] [US06] | NMHC+NOx [g/mi] [SC03] | | CO [g/mi] [SC03] | | |
| 50K | | SFTP 2 | = @ UL (Tie | r 1, TLEV) | CERT | STD | CERT | STD | CERT | S | TD CE | RT ST | CERT | STD | CERT | STD | |
| CERT | 1.0 | 144.5 | 100 | SFTP @4K | * | * | * | * | 0.05 | 0. | .40 E | .7 10. | 5 0.04 | 0.31 | 0.5 | 3.5 | |
| STD | 12.5 | | | SFTP @UL | * | * | * | * | * | | * | * * | • | * | * | * | |
| @ UL | | | ATIVE FA | MILY 1 | EVAPORATIVE FAMILY 2 | | | | EVAPORATIVE FAMILY 3 | | | | E\ | EVAPORATIVE FAMILY 4 | | | |
| | 3-D | 2-0 | RL | ORVR | 3-D | 2-D | RL | ORVR | 3-D | 2-[| D R | L ORVI | ₹ 3-D | 2-D | RL | ORVR | |
| CERT | 0.52 | 1.06 | 3 0.01 | • | 0.83 | 1.06 | 0.01 | 0.06 | * | * | • | * | • | • | * | | |
| STD | 0.90 | 1.15 | 5 0.05 | * | 0.90 | 1.15 | 0.05 | 0.20 | * | * | * | * | • | • | * | * | |

BE IT FURTHER RESOLVED: That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations. The Bureau of Automotive Repair will be notified by copy of this Executive Order. This Executive Order hereby supersedes Executive Order A-003-0276 dated July 25, 2003.

Executed at El Monte, California on this ______/2^{td} day of September 2003.

Pappal Suprourts

Mobile Source Operations Division