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-02-003;

IT IS ORDERED AND RESOLVED: That the engine and emission control systems produced by the manufacturer are certified for use as a replacement engine in two-wheeled motorcycles as described below. Production engines shall be in all material respects identical to those for which certification is granted.

| 4SSXE0066161 | | |
|--------------|------------|---|
| 455AE0000101 | 2026 | III |
| ENC | SINE MODEL | * = not applicable |
| | 124 | |
| _ | | ENGINE MODEL 124 on TWC=three-way catalyst OC=oxidizing catalyst WUTWC/WUOC=warm-up TWC/OC O2 |

The above-listed engine is certified to replace the existing engines of Harley-Davidson models that use the engines and evaporative systems listed on the supplemental data sheet for this executive order.

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated HC+NOx standard as applicable, and certification levels in grams per kilometer (g/km), and evaporative standard and certification level in grams per test (g/test) for this engine/evaporative family. The designated HC+NOx standard, as applicable, shall be listed on the permanent tune-up label.

| | | | | EARLY COMP | LIANCE CREDIT MUL | TIPLIER | * |
|----------------------------------|------------------------|----------------------|---------------------|------------|------------------------|----------|------------------------|
| | HC+NOx | (g/km) | | CO | (g/km) | EVAPOR | ATIVE (g/test) |
| CORPORATE AVERAGE STANDARD | DESIGNATED STANDARD | (DIRECT) STANDARD | CERTIFICATION LEVEL | STANDARD | CERTIFICATION LEVEL | STANDARD | CERTIFICATION LEVEL |
| * | * | 1.4 | 1.0 | 12 | 9 | 2.0 | 1.0 |

BE IT FURTHER RESOLVED: That certification to the designated HC+NOx standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated HC+NOx standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC+NOx exhaust standard applicable to this engine family for determining compliance with Title 13, California Code of Regulations, Sections 1958(b) and 2101.

BE IT FURTHER RESOLVED: That the listed motorcycles are certified to the aforementioned HC+NOx standard, or designated standard as applicable, prior to the 2008 model year and are hereby granted an early-compliance credit multiplier listed above pursuant to Title 13, California Code of Regulations, Section 1958(g).

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all materials required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Code of Regulations, Sections 2035 et seq.).

BE IT FURTHER RESOLVED: That this executive order does not provide an opinion as to the effect that the use of the aforementioned engine family as a replacement engine may have on the original vehicle manufacturer's warranty, either expressed or implied, for the vehicle applications listed on the supplemental data sheet of this executive order.

BE IT FURTHER RESOLVED: That compliance with "California Evaporative Emission Standards and Test Procedures for 2001 And Subsequent Model Motor Vehicles" has been demonstrated for the use of the aforementioned engine family as a replacement engine in the listed vehicle applications.

BE IT FURTHER RESOLVED: The use of the this engine family as a replacement engine in the vehicle applications listed on the supplemental data sheet of this executive order is exempted from compliance with the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

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

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this _______ day of November 2003.

Allen Lyons, Chief Mobile Source Operations Division

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ンUP PLEMENTAL LXtd SNEET Model Designation (ine Replacement List

M-044-06

| MY 1984 Model Name Displacement | FLT FHL F.HB FLHC FLHP FLHT | FLHT FLHTC FLHTP FLTC FLHS FXB FXE FXEF FXRP FXRS FXRT FXS FXST FXSB FXWG | |
|---------------------------------------|--|--|--|
| Eng Family | | EV1340 | |
| Eng Code | 80-EV-1 | 80-EV-2 | |
| EIM | 490 350 | | |
| RLP | 169.4 145.6 | 143.6 141.8 133.4 | |
| MY 1985 | 1 1 | | |
| Model Name | FLT FLTC FXE FXEF FXR FXRDG | | |
| Displacement | | 1338.6 FV1340 | |
| Eng rammy | 80-EV-1 | 80-EV-2 | |
| Emis Cont | | EM | |
| EIM | 490 340 | | |
| RLP | 169.4 143.6 | 133.4 | |
| MY 1986 | | | |
| Model Name | FLT FLHT FLHTP FLHTC FLTC FXE | FXEF FXR | |
| Displacement | | 1338.6 | |
| Eng Family | 3 / 12 00 | RATE A | |
| Eng Code | C-A3-00 | EM | |
| EM | 490 350 340 | 290 | |
| RLP | 145.6 | 133.4 | |
| | | | |
| MY 1987 | | Cherry Lawrence and Cherry | |
| Model Name | FLTC FXRP FXRS FLHIP FLHIC FLSI | FAK FAKI FLHI FASI FASIU FALK | |
| Displacement | | 1338.6 EV1340 | |
| Cing raming | 80 EV.7 80 EV.8 80 EV.7 | 80-EV-R 80-EV-7 80-EV-8 | |
| Emis Cont | | | |
| EIM | 490 | 440 | |
| RLP | 169,4 | 163.7 | |
| MY 1988 | | | |
| Model Name | FLTC FLHS FXRP FLHTP FLHTC FXRS | IS FXRT FLST FXST FXSTC FXIR FXR FXSTS | |
| Displacement | | 1339 | |
| Eng Family | | EV1340 | |
| Eng Code | | BU-E-V-9 | |
| Ellis cont | 490 | 440 | |
| RLP | 169.4 | 163.7 | |
| | | | |
| MY 1989 | II ST II II II ST II | CHELTCH EIST EXST. EXIR EXETS EXST. EXPS EXET | |
| Nodel Name | נאות ובווון ובוווס | 1338 | |
| Eng Family | | EV1340 | |
| Eng Code | | 80-EV-9 | |
| Emis Cont | | EM | |
| EIM | 490 | 440 | |
| RLP | 169.4 | 103.7 | |

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SUPP I EMEM LIXITは SNECT Model Designation () jine Replacement List

95 J-440-W

| MV 4090 | | |
|------------------------------|--|---|
| Model Name | FLHS FLHTC FLHTP FLTC FLTC U | FXRP FLST FLSTC F |
| Displacement | | 1338 |
| Eng Family | | EV 1340 |
| Eng Code | 80-5.71 | ZI-A-T-O |
| Emis Cont | 700 | 440 |
| E 0 | 1694 | 163.7 |
| L'I | 1:001 | |
| MY 1991 | 1 H | |
| Model Name | FLHS FLHTC FLHTCU FLHTP FLTC FLTCU | FLSTC FLSTF FXDS |
| Displacement | | 1338 |
| Eng Family | | EV1340 |
| Eng Code | 80-EV-11 | 80-EV-13 |
| Emis Cont | | EM |
| E | 490 | 440 |
| RLP | 169.4 | 100.1 |
| WV 4002 | | |
| Model Name | FLHS FLHTC FLHTC U FLHTP FLTC U FL | FLSTC FLSTF FXDB-D FXR FXRP FXRS FXRS FXRT FXSTC FXSTS FXLR FXDC |
| Displacement | | 1338 |
| Fng Family | | EV1340 . |
| Eng Code | 80-EV-15 | 80-EV-17 |
| Fmis Cont | | EM |
| S | 490 | 440 |
| A IA | 169.4 | 163.7 |
| | | |
| MY 1993 | | |
| Model Name | ELTC U FLHTC U FLHTC FLHTP FLHS FL | FLSTC FLSTF FLSTN FXDWG FXR FXRP FXRS FXRT FXSTC FXRTS FXRT FXSTS FXLR FXDL |
| Displacement | | 133 |
| Fno Family | | EV1340 |
| End Code | 80-FV-15 | 80-EV-17 |
| Emis Cont | | EM |
| 1 | 490 | 440 |
| RLP | 169.4 | 163.7 |
| MV 4004 | | |
| 1001 | | 4471 |
| . Model Name Displacement | FLICU FLAICO FLAIC FLAIR TESIT | ו עדעי ו עדעי |
| Eng Family | | RHD13P1GARA |
| Fna Code | 80-EV-19 | 80-EV-21 |
| Fmis Conf | | EM |
| EW | 490 | 440 |
| RLP | 169.4 | 163.7 |
| | | |
| MY 1995 | TH 13 OTH 13 11 11 11 11 11 11 11 11 11 11 11 11 1 | HI HE FESTE FESTE FESTE FXSTC FXSTS FXD FXDS C FXSTB FXDS FXDS |
| Displacement | | 1338 |
| Eng Family | | SHD1.3P1GOAA |
| Eng Code | 80-EV-23 80-EV-19 80-EV-23 | |
| Emis Cont | | Oxidation Catalytic Converter |
| EIM | 560 | 440 |
| | | |

Gettachment

> UppleMeVtal Data > Neet Model Designation () jine Replacement List

M-04 0006

| | | | | | 7 |
|--------------|-------------------------------|-------------------------------|---------------------------------------|------------------------------------|---|
| RLP | 177.3 | | 163.7 | | 1/7.3 |
| | | | | | |
| MY 1996 | | | | | |
| Model Name | FLHTC U FLHTC FLHR FLHT FLSTC | FLSTF FXDL | FLSTN FXDWG FXSTC FXSTS FXD FXDS C F) | FXDS C FXSTSB FLHTC UI FLHTC I | I FLHR! |
| Displacement | | | 1338 | | , |
| Eng Family | | THD1.3P1GOAA | GOAA | THD1.3P8GARA | SARA |
| Fna Code | 80-EV-27 | | 80-EV-29 | 80-FI-2 | |
| Emis Cont | | Oxidation Catalytic Converter | lic Converter | Sequential Multiport Fuel Injecti | t Fuel Injectic |
| EW | 560 | | 440 | 999 | |
| RLP | 177.3 | | 163.7 | 177.3 | |
| | | | | | |
| MY 1997 | | | | | |
| Model Name | FLHTCU FLHTC FLHR FLHT FLSTC | FLSTF FLSTS | FXDL FXDWG FXSTC FXSTS FXD FXDSC F | FXSTSB FLHTC UI FLHTC I | I FLHRI |
| Displacement | | | 1338 | | |
| Eng Family | | VHD1.3P1GAAA | GAAA | VHD1.3P8GARA | SARA |
| Eng Code | 80-EV-27 | | 80-EV-29 | 80-FI-3 | 3 |
| Emis Cont | | Oxidation Catalytic Converter | tic Converter | Sequential Multiport Fuel Injecti | rt Fuel Injectic |
| EIM | 960 | | 440 | 260 | |
| RLP | 177.3 | | 163.7 | 177.3 | |
| | | | | | |
| MY 1998 | | | | | |
| Model Name | FLHTCU FLHTC FLHR FLHT FLTR | FLSTC FLSTF | EXD | FXDS C FXSTSB FLHTC UI FLHTC I | U FLHTCI FLHRI FLTRI FLHRCI FLHPI FLHTPI FLTCRI |
| Displacement | | | 1338 | | |
| Eng Family | | WHD | WHDXC01.3CCA | | WHDXC01.3AEA |
| Eng Code | 80-EV-27 | | 80-EV-29 | | 80-FI-3 |
| Emis Cont | 7 | Oxidat | Oxidation Catalyst | | Sequential Multiport Fuel Injection |
| EIM | 260 | | 440 | | 260 |
| RLP | 177.3 | | 163.7 | | 177.3 |
| | | | | | |
| MY 1999 | | | - | | |
| Model Name | FLSTC FLSTF FLSTS FXST FXSTC | EXSTS FXSTB FLHTC U | FLHTCI FLHRI FLTRI FLHRCI | FLHP I FLHTP I FLTCRI | |
| Displacement | | | 1338 | | |
| Eng Family | XHDXC01.3CCA | | XHDXC01.3AEA | | • |
| Eng Code | 80-EV-29 | | 80-FI-3 | | |
| Emis Cont | Oxidation Catalyst | | Sequential Multiport Fuel Injection | | |
| EIM | 4 440 | | 560 | | |
| RLP | 163.7 | | 177.3 | | |