State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER M-44-2
Relating to Certification of New Motorcycle Engines

S & S CYCLE, INC.

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 the following new engine and exhaust emission control systems produced by the manufacturer are certified for use as a replacement engine in two-wheeled motorcycles as described below:

Model Year: 2000

Fuel Type: Gasoline

Engine Family	Displacement Cubic Centimeters	Class	Exhaust Emission Control Systems & Special Features
YSSXC0096155	1564	III	Engine Modification

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. Production engines shall be in all material respects identical to those for which certification is granted.

The following are the exhaust emission standards and exhaust emission certification values in grams per kilometer for this engine family. The designated hydrocarbons standard shall be listed on the permanent tune-up label:

Hydrocarbons		Carbon Monoxide	
Designated Standard	Hydrocarbons Certification	Standard	Certification
0.9	0.7	12	6

BE IT FURTHER RESOLVED: That the above-described certification is subject to the following terms, limitations and conditions:

The hydrocarbons designated standard for this engine family cannot be redesignated by the manufacturer. It represents the hydrocarbons exhaust emission standard that will be applied when determining compliance of any motorcycle within this engine family pursuant to Section 2101 of Title 13, California Code of Regulations.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Code of Regulations, Section 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 1978 Through 2000 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.

Executed at El Monte, California this 7th day of February 2000.

R. B. Summerfield, Chief
Mobile Source Operations Division

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2000 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
MOTORCYCLES

Manufacturer: S & S Cycle, Inc. Replacement Engine Family: YSSXC0096155

Model	Engine Code	EIM (kg)	RL Force (nt)	N/V
96	96-EV-1	530	173.9	26.3

The above listed EIM and N/V shall be the maximum allowed for the donor vehicle into which this replacement engine is installed.

The above-listed engine is certified to replace the existing engines of Harley-Davidson models that use the engines and evaporative systems listed below.

Model Year	Engine Family	Evaporative Family
1984	EV1340	EVAP-A
1985	EV1340	EVAP-A
1986	EV1340	EVAP-A
1987	EV1340	EVAP-A
1988	EV1340	EVAP-B
1989	EV1340	EVAP-B
1990	EV1340	EVAP-B
1991	EV1340	EVAP-B
1992	EV1340	EVAP-C
1993	EV1340	EVAP-C
1994	RHD1.3P1GARA	RHD6066ANM01
1995	SHD1.3P1GOAA	SHD6066ANM01
1995	SHD1.3P8GARA	SHD1066AYM02
1996	THD1.3P1GOAA	THD6066ANM01
1996	THD1.3P8GARA	THD1066AYM02
1997	VHD1.3P1GAAA	VHD6066ANM01
1997	VHD1.3P8GARA	VHD1066AYM02
1998	WHDXC01.3CCA	WHDXC0066CCA
1998	WHDXC01.3AEA	WHDXC0066ACB
1999	XHDXC01.3CCA	XHDXC0066CCA
1999	XHDXC01.3AEA	XHDXC0066ACB
2000	YHDXC01.3CCA	YHDXC0066CCA
2000	YHDXC01.3AEA	YHDXC0066ACB