State of California
AIR RESOURCES BOARD

Small Off-Road Engine Evaporative Emission System Components

Executive Order Q-14-006

Nobel Automotive
Fuel Hose

WHEREAS, pursuant to California Health and Safety Code, Sections 39600, 39601, and 43013, the California Air Resources Board (ARB) has established a certification process for evaporative emission system components designed to control gasoline emissions from small off-road engines, as described in California Code of Regulations, Title 13, Section 2767.1;

WHEREAS, pursuant to California Health and Safety Code, Section 43013, ARB has established criteria and test procedures for determining the compliance of evaporative emission system components with the design requirements in Cal. Code Regs., Title 13, Section 2754;

WHEREAS, pursuant to Cal. Code Regs., Title 13, Section 2767.1, ARB Executive Officer may issue an executive order (EO) if he determines that the small off-road engine evaporative emission system components conform to the applicable performance requirements set forth in Cal. Code Regs., Title 13, Section 2754; and

WHEREAS, pursuant to California Health and Safety Code, Sections 39515 and 39516, ARB Executive Officer issued EO G-05-008 delegating to the Chief of ARB Monitoring and Laboratory Division (MLD) the authority to certify small off-road engine evaporative system components.

NOW, THEREFORE, I, Michael T. Benjamin, Chief of MLD, find that the Nobel Automotive model PVDF 2040 fuel tube conforms to the performance requirements set forth in Cal. Code Regs., Title 13, Section 2754, when tested at a constant temperature of 40 °C, pursuant to Society of Automotive Engineers Specification J1737, using an approved CE10 certification fuel.

IT IS ORDERED AND RESOLVED that the Nobel Automotive model PVDF 2040 fuel tube identified in Table 1 is certified for use in small off-road engine equipment.

Table 1
Nobel Automotive
Model PVDF 2040 Fuel Tube Dimensions

Nominal Inside Diameters (millimeters)	Minimum Barrier Thickness (millimeters)
6.27 ± 0.15 or greater	0.20 + 0.03/-0.02

IT IS FURTHER ORDERED that Nobel Automotive shall provide a warranty to equipment manufacturers purchasing the Nobel Automotive model PVDF 2040 fuel tube. The warranty must conform to the requirements of Cal. Code Regs., Title 13, Section 2760.

IT IS FURTHER ORDERED that the certified Nobel Automotive model PVDF 2040 fuel tube shall be installed in accordance with manufacturer installation and use instructions for the Nobel Automotive model PVDF 2040 fuel tube. A copy of this EO and fuel tube installation and use instructions shall be provided to manufacturers purchasing the Nobel Automotive model PVDF 2040 fuel tube for installation on small off-road engines and equipment introduced into commerce in California.

IT IS FURTHER ORDERED that Nobel Automotive model PVDF 2040 fuel tube introduced into commerce in California shall be clearly identified by a permanent identification that allows ARB to identify the manufacturer's name, EO number, and model number.

IT IS FURTHER ORDERED that any alteration to the Nobel Automotive model PVDF 2040 fuel tube certified hereby is prohibited. Any alteration or modification of the design approved by this EO will require the manufacturer to apply for a new EO.

IT IS FURTHER ORDERED that Nobel Automotive model PVDF 2040 fuel tube shall be compatible with fuels in common use in California at the time of certification and any modifications to comply with future California fuel requirements shall be approved in writing by the Executive Officer or Executive Officer's delegate.

IT IS FURTHER ORDERED that the component certification of the Nobel Automotive model PVDF 2040 fuel tube can be referenced in certification applications for small off-road engines and equipment that use small off-road engines unless the Executive Officer finds that the Nobel Automotive model PVDF 2040 fuel tube no longer meets the performance requirements set forth in Cal. Code Regs., Title 13, Section 2754 when tested pursuant to Cal. Code Regs., Title 13, Section 2765.

Executed at Sacramento, California, this 14th day of August 2014.

Dr. Michael T. Benjamin, Chief
Monitoring and Laboratory Division