

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-277-6  
Relating to Certification of New Motor Vehicles

ROVER GROUP LIMITED

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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1992 model Rover Group Limited exhaust emission control systems are certified as described below for medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: NLR3.9T5FSS7 Displacement: 3.9 Liters (241 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

- Dual Heated Oxygen Sensor
- Dual Three-Way Catalyst
- Multipoint Electronic Fuel Injection

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

The emission standards for this engine family in grams per mile are as follows:

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	0.50	9.0	1.0

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

<u>Loaded Vehicle Weight (lbs.)</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
3751-5750	0.19	1.2	0.3

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

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 2290).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards 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 "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." for the aforementioned model year (Title 13, California Code of Regulations, Section 1968).

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 25<sup>th</sup> day of July, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

Manufacturer LAND ROVER Engine Family NLR3. 9T5F5S7

Pass Car  Lt-Duty Truck  Med-Duty Vehicle  Fuel Type GASOLINE

Engine Config. V8 Liter (CID) 3.95 (241) Evaporative Family RBF1

Exhaust ECS & Special Features (incl. CARB, MPI, etc.) MPI/2TWC/2H02S  
 (Use abbreviations per SAE J1930 Jun 88)

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

Eng. Code/ (Cert. Std.)	Veh. Models (If Coded see Attachmt)	Trans. Type : A - Auto M - Man	Equiv. Test Weight	RLHP	Ign. Sys. (PCME/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
3.9LCF-89 (MDV- 50K)	RANGE ROVER	A-4	4750	13.7	PRC 9610	N/A	NTC 6127
3.9LCF-89A (MDV- 50K)	RANGE ROVER	A-4	4750	13.7	PRM-R3326	N/A	NTC 6127
3.9LCF-89A (MDV- 50K)	RANGE ROVER	A-4	4750	13.7	PRM 3362	N/A	NTC 6127

Revisions: 1290      09.03.91      8.6.93      3.24.94