

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-2013
ANSWERED ON- 17/12/2025

TRANSITION TO E20 FUEL AND DISCONTINUATION OF E10 PETROL

2013. SHRI KAMAL HAASAN:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state:

- (a) Whether comprehensive studies have been conducted on the impact of E20 fuel on vehicle mileage, engine components and fleet compatibility and if not, the reasons therefor;
- (b) reasons for discontinuing nationwide availability of E10 petrol despite its wider compatibility with older vehicles and whether Government proposes to restore E10 as an option; and
- (c) Whether guidelines exist on warranty, insurance or consumer protection relating to vehicle damage or higher operating costs from E20 use and whether Government has assessed ethanol price volatility and its impact on fuel affordability?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (c) The Inter-Ministerial Committee (IMC) constituted on 26.12.2020 under NITI Ayog had inter-alia, examined various aspects of vehicle compatibility and mileage. This assessment was also supported by research studies conducted by Indian Oil Corporation Limited (IOCL), the Automotive Research Association of India (ARAI), and the Society of Indian Automobile Manufacturers (SIAM). Extensive field trials on vehicles with E20 fuel did not indicate any compatibility issue or any negative effect of E20. These studies have confirmed that even legacy vehicles do not exhibit any significant variations in performance, nor do they show abnormal wear-and-tear when operated with E20 fuel. No issues were reported in parameters such as drivability, startability, metal compatibility and plastic compatibility.

Vehicle mileage is influenced by a variety of factors beyond just fuel type. These include driving habits, maintenance practices such as oil changes and air filter cleanliness, tyre pressure and alignment, and even air conditioning load.
