

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO. 1337
ANSWERED ON - 11/02/2026

NEW SYSTEM TO IMPROVE ROAD SAFETY

1337. SHRI JAGGESH:

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

- (a) whether the Ministry is working to introduce Vehicle-to-Vehicle (V2V) communication technology nationwide by the end of 2026;
- (b) whether the new system will alert drivers in real time about the speed, location, acceleration, braking and presence of vehicles in blind spots;
- (c) whether the Ministry of Telecommunications has agreed to allocate a dedicated spectrum for V2V communication;
- (d) whether the V2V system will operate through a device similar to a SIM card installed in vehicles, enabling 360-degree communication; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS
(SHRI NITIN JAIRAM GADKARI)

(a) to (e) The Government accords high priority to road safety in the country. To reduce fatalities due to road accidents and enhance road safety, the Government through Ministry of Communications has already earmarked 50 MHz in the frequency range of 5875-5925 MHz in the National Frequency Allocation Plan (NFAP-2025) for Intelligent Transport System (V2X) use.

V2V (Vehicle-to-Vehicle) Communication system enables vehicles to broadcast their status data (such as position, speed, etc.) with surrounding vehicles to provide a level of situational awareness that exceeds human vision or traditional sensors like cameras, radar, etc. specially at the intersections or blind spots.
