

**GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA**

UNSTARRED QUESTION NO:3274
ANSWERED ON:14.08.2003
NEW BOGIE MOUNTED BRAKE SYSTEM
BHAN SINGH BHAURA

Will the Minister of RAILWAYS be pleased to state:

- (a) whether the Railway have developed a new bogie mounted brake system in place of under-floor mounted brake system;
- (b) if so, the details thereof;
- (c) the details thereof and the likely time frame by which this system is likely to be introduced alongwith the type of trains selected in this regard; and
- (d) the total funds required for this new system and the funds earmarked during current financial year for this purpose?

Answer

MINISTER OF STATE IN THE MINISTRY OF RAILWAYS (SHRI BANDARU DATTATRAYA)

(a): Yes, Sir. Bogie mounted air brake system has been developed for use on Indian Railways for passenger coaches.

(b)&(c): Bogie mounted air brake system is technologically superior to the under floor mounted air brake system as it is more reliable and easier to maintain. Passenger coaches fitted with bogie mounted air brake system were put on trial in 1995 and after satisfactory results Railways have decided to adopt this type of brake system since 1999.

At present all ICF design new coaches except end on generation (EOG) type coaches, are being manufactured by Integral Coach Factory (ICF) and Rail Coach Factory (RCF) are with bogie mounted air brake system. Also, existing coaches with vacuum brake system are being gradually converted to bogie mounted air brake system. Conversion of existing vacuum brake coaching stock to bogie mounted air brake system is expected to be completed by March, 2005, subject to availability of resources.

(d): The total funds required for this conversion are approximately Rs. 96 crores. In the current financial year. Rs. 35.8 Crores have been allotted for the work of conversion to bogie mounted air brake system.