

Special feature : All about JNR type 183 & 189 EMU (D.C. 1.5kV) for express trains

Cover :

Type 183 EMU (first version) made its debut in 1972 for the express trains of Boso Peninsula area (Chiba Pref.) and Tokyo area extra trains. This photo was taken at Makuhari inspection yard (in Chiba Pref.) on Jun. '72.

[Type 183 EMU and type 189 EMU are substantially same ; and type 189 EMU differs that it has special devices to operate on the steep grade of Usui Pass of Shin-etsu line^(*) with electric engines.]

(*) This rapid slope section (Usui Pass route) was abolished in 1997 due to the opening of Nagano Shinkansen)

Back cover :

Front face of type 183 EMU (kumoha-183 no.202)

◎ History and profile of type 183 & 189 EMU	3
◎ Photo of all kinds of type 183 & 189 EMU	24
(Series type 183 EMU)	
◆ type kimoha-183 (standard ; leading motor car)	24
◆ type moha-182 (standard ; motor car)	24
◆ type moha-183 (standard ; motor car)	28
◆ type kuro-183 (class green ; leading car)	30
◆ type kuroha-183 (class green & standard ; leading car)	31
◆ type kuha-182 (standard ; leading car)	32
◆ type kuha-183 (standard ; leading car)	33
◆ type saro-183 (class green ; trailer)	38
(Series type 189 EMU)	
◆ type moha-188 (standard ; motor car)	40
◆ type moha-189 (standard ; motor car)	41
◆ type kuha-188 (standard ; leading car)	42
◆ type kuha-189 (standard ; leading car)	43
◆ type saro-189 (class green ; trailer)	45
◎ Plan drawings of all kind rolling stock of type 183 & 189 EMU	47
◎ Career of rolling stocks of type 183 & 189 EMU	53