



Training Document

HOWO ZZ4257S3241V

CHAPTER 8 DRIVE REAR-AXLE





SECTION 1 GENERAL DESCRIPTION OF SINOTRUK DRIVE REAR-AXLE

SINOTRUK heavy duty drive rear-axle is divided into the single-reduction axle and double wheeled reduction axle in accordance with the speed reduction mode, and the 10-ton single-reduction axle, 12-ton single-reduction axle, 13-ton planetary axle (the fair running road surface design allows load carrying of 16 tons) and 13-ton single reduction axle (the fair running road surface design allows load carrying of 16 tons) in accordance with the carrying capacity, and the single rear drive axle and double drive axle in accordance with the combination of axles. The single reduction axle has been developed and manufactured using American Merriter axle technology and the double wheeled reduction axle has been developed and manufactured using Austrian Steyr Truck's technology. Its arrangement on the models is shown in Table 8-1.





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- Table 8-1 Matching of Drive Axle with Models

S/N	Drive rear Axle	Adaptive Model Series	Adaptive Model
1	M153B type 10-ton reduction rear-axle	Huanghe Prince	4 x 2
2	M153/M153B type 10-ton single reduction double axle	Huanghe Prince	6 x 4 8 x 4
3	M1249 type 12-ton single reduction rear-axle	Huanghe Prince	4 x 2
4	M1279 type 12-ton single reduction double axle	Huanghe Prince	6 x 4 8 x 4 10 x 4
5	STEYR type 13-ton planetary rear-axle	Huanghe, Steyr, HOWO	4 x 2 4 x 4 6 x 2
6	STEYR type 13-ton planetary double axle	Huanghe, Steyr, HOWO	6 x 4 8 x 4 6 x 6 8 x 8 10 x 4
7	HW1697 type 13-ton single reduction rear-axle	HOWO	4 x 2
8	HW1697 type 13-ton single reduction double axle	HOWO	6 x 4 8 x 4 10 x 4