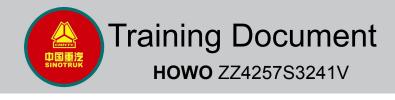
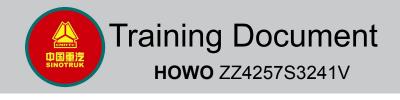


CHAPTER 5 TRANSFER CASE





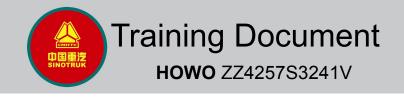
 For all wheel drive vehicle, a transfer box is added between transmission and drive axle, so that the power will be delivered respectively to the front drive axle and the middle and rear axles through transfer box. At the same time, in order to increase the low speed requirements during off-road running for full-wheel driving vehicles, the transfer box has a low speed gear. At present, VG1200 or VG2000 transfer box are installed for 4×4, 6×6 vehicles, and VG2000 transfer box is installed for 8×8 vehicles of SINOTRUCK.



SECTION 1

TEPE AND TECHNICAL PARAMETERS OF TRANSFER BOX





| Туре | VG1200 | VG1200 | VG2000 |
|-------------------------------|-----------------------------------|--------------------------------|--------|
| | With no interaxle differential | With interaxle differential | |
| Maximum input torque Nm | 11770 | 11770 | 20000 |
| Maximum input torque Nm | 3000 | 3000 | 3000 |
| Allowable maximum rpm | | | |
| First transmission ratio | 1 | 1 | 1 |
| Second transmission ratio | 1.75 | 1.75 | 1.75 |
| | Optional 1.22,1.91 | Optional 1.22 | |
| lubricating oil volume (L) | 4.5 | 4.5 | |
| Weight (kg) | 210 | 245 | |
| www.chinatruckparts.com | | | |