Axle Assembly Work Instructions

Job code	AXLE-WI_DEMO-0001B
Summary	Axle Assembly Work Instructions
Work type	Manual assembly, using the toolbox GR12
Role	Assembler-Mechanic (class 3 and higher)
Expected time	1 hour 27 minutes
Work cell	Pit stop
Previous job	AXLE-WI_DEMO-0000A
Next job	AXLE-WI_DEMO-F0080
Work order	PWS-05
Revision	A.1

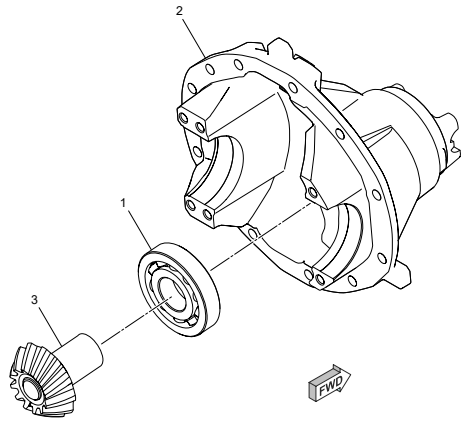
PREREQUISITES

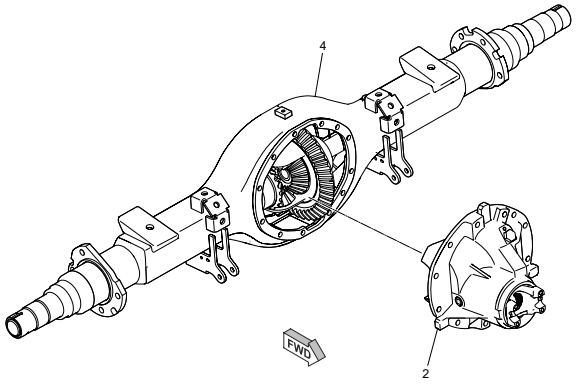
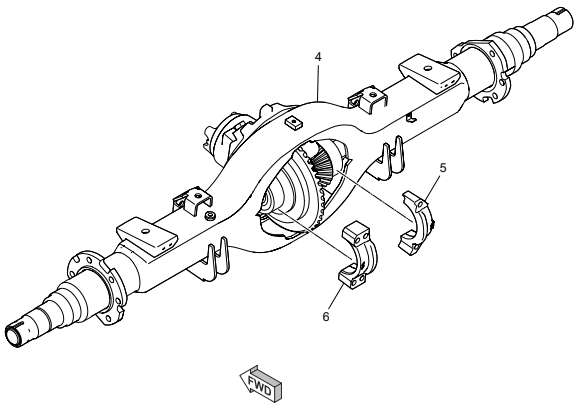
Refer to general maintenance procedure document PWS-01

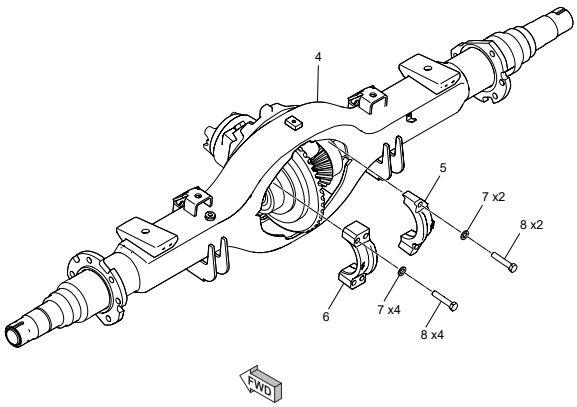
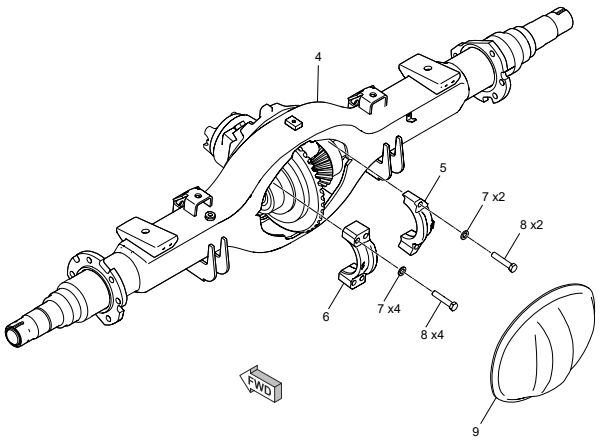
PARTS LIST

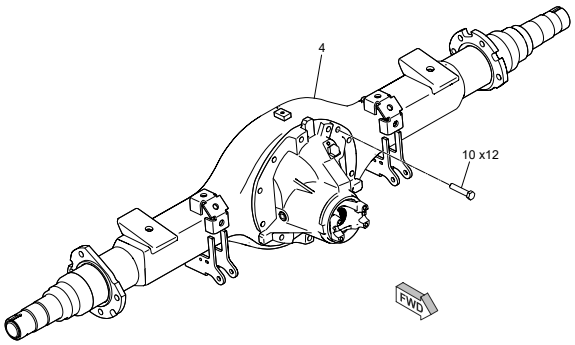
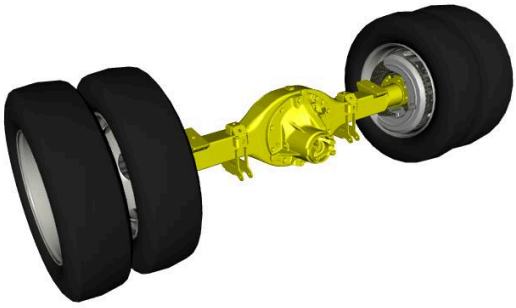
Part number/ Alternative part number	Description	Quantity
YK10765	Axle diff unit	1
PT76543	Shaft diff bracet	1
MS-00012	Bearing	1
G240056	Leading gear	1
BT76930	Bolt	6
NT35789	Washer	6
BT76931	Bolt	12
196415	Rear axle cover	1
AX10001	Rear axle	1

Axle Yoke Bearing Removal

№	Task	Illustration
1	**Install the bearing** Install the bearing (1) to the axle diff unit (2) and install the leading gear (3).	 Figure 1

№	Task	Illustration
2	**Install the axle diff unit** Install the axle diff unit (2) to rear axle (4).	 Figure 2
3	**Install the inner shaft diff bracets** Install the inner shaft diff bracets (5,6) to the rear axle (4).	 Figure 3

№	Task	Illustration
4	**Install the bolts** Install the washers (7) and the bolts (8) to the inner shaft diff bracets (5,6).	 Figure 4
5	**Install the rear axle cover** Install the rear axle cover (9) to rear axle (4).	 Figure 5

№	Task	Illustration
6	**Install the bolts** Install the bolts (10) to rear axle (4).	 Figure 6
7	**Inspect the rear axle assy** Inspect the rear axle assy (4).	 Figure 7