



FIELD KIT

Vermeer Corporation

Environmental
Pella, Iowa 50219 USA

FIELD CAMPAIGN KIT #:	IK004160	DATE:	RELEASED
<i>For Dealer Reference: Service Bulletin #: SVC2022-140</i>			

Tire replacement kit

CAMPAIGN TYPE:	Customer Choice/Enhancements
CAMPAIGN CATEGORY:	Kit and Bulletin

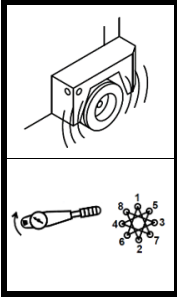
MACHINE/ ATTACHMENT MODEL(S):	SERIAL NUMBERS:		
	Included	Excluded	Kit version
BC700XL Domestic	101 – 463	None	IK01
BC700XL International	101 – 463	None	IK02
TLR33 Domestic	101 – 4012	None	IK03
TLR33 International	101 – 4012	None	IK04
TLR30 Domestic	101 – 3169	None	IK05
TLR30 International	101 – 3169	None	IK06

Purpose: This kit includes parts and instructions to replace discontinued tires.

Special tools and conditions:

- None

Procedure: Wheels, Axles and Suspension Maintenance



WARNING: Incompatible wheels or loose lug nuts can cause wheel loss and machine damage.

Use only wheels that are compatible with your chipper. Check lug nut torque regularly.

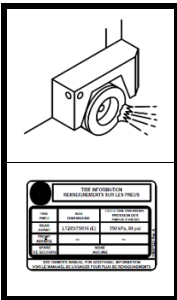
NOTICE: Improper or mismatched lug nuts and wheels can cause wheel loss leading to a crash. Ensure the lug nut properly engages the wheel. Wheels can appear to be similar but may be intended for different stud sizes.

- Always refer to the parts book for specific wheels, tires and lug nuts used on this machine.
- Never use wheels intended for different lug studs.
- Never install aftermarket wheels or lug nuts on your trailer.

NOTICE: Properly tighten lug nuts in a star pattern using only hand tools. DO NOT use impact wrenches which can damage the lug nuts, lug nut seats and hub studs.

Use torque wrench to proper specifications. Refer to “Machine specifications” in the maintenance manual and recheck every 500 mi (850 km).

- Do not overtorque as this may also lead to machine damage.
- Check lug nut torque 50 miles (80 km) after replacing and every week thereafter until a constant torque is maintained.



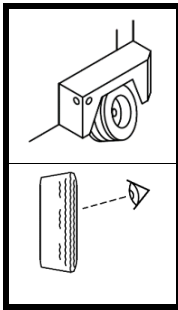
WARNING: Improper tire pressure can cause a blowout.

Set cold tire pressure according to tire placard.
Check pressure monthly.

NOTICE: Underinflation causes tire damage and can lead to a blowout.

Set the tire air pressure to the value listed on the machine's tire placard, NOT the pressure printed on the sidewall of the tire. Recheck monthly. Tires normally lose 1–2 psi (6.9–13.8 kPa) per month.

Tire pressure can also drop if the temperature outside has dropped significantly, so check more often in cold weather.

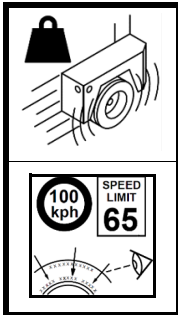


WARNING: Worn or damaged suspension can cause premature tire wear and machine damage.

Uneven wear on tires can be an indication of worn suspension or poor alignment.

NOTICE: Axle or suspension damage can cause premature tire wear and tire failure, or axle failure.

Have your trailer checked if you suspect misalignment, if your tires have suffered any type of impact or if you observe uneven tire wear.



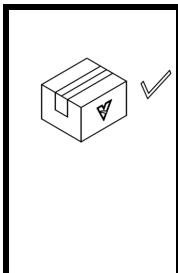
WARNING: Avoid overloading or excess speed.

Follow manufacturer's load and speed ratings.

NOTICE: High speed and overloading cause tire, axle and suspension failure.

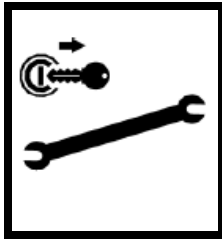
DO NOT exceed the speed rating of the tires.

DO NOT exceed the load rating of the tires, axles and suspension.



WARNING: Always use Vermeer authorized wheels, lug nuts, tires and suspension components.

Improper or mismatched parts can lead to component failure, resulting in a crash.



WARNING: Failure to use shutdown procedure can result in unexpected hazard(s). Death or serious injury could result due to entanglement, crushing, cutting, or other hazardous contact. Follow shutdown procedure after operating, before performing any service or maintenance, and before transporting.



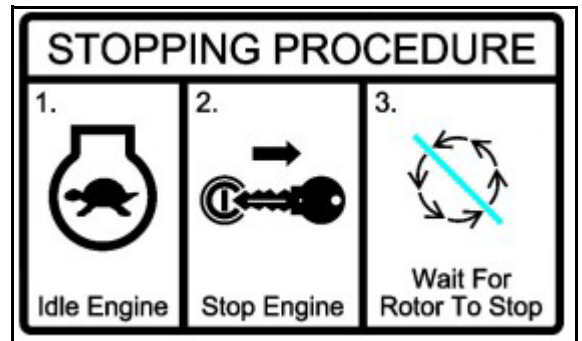
WARNING: Raised load can shift or fall. Death or serious injury could be possible if struck or crushed by falling load. Never allow anyone under a raised load unless load is securely supported to prevent it from shifting or falling.

BC700XL shutdown procedure

For your safety and the safety of others, use the shutdown procedure before working on the machine for any reason, including servicing, cleaning, unclogging, inspecting or transporting the chipper.

A variation of the above procedure may be used if instructed within this manual or if an emergency requires it.

1. Return upper feed control bar to neutral.
2. Reduce engine speed to idle and cutter disc will disengage.

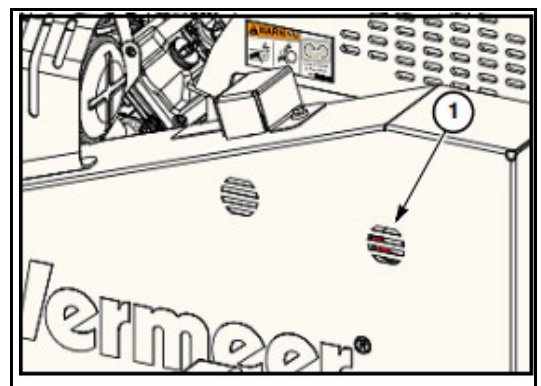


Whenever practical and safe, allow engine to idle for one to five minutes before shutting down after operating at full power. Please consult machine's engine manual for details.

3. Shut off engine and remove key.
4. Wait for cutter disc and belt to stop.

Cutter disc rotation can be checked by looking through the viewing slots (1) on belt housing shield. Cutter disc will continue to turn for a short time after engine has stopped.

5. Close and latch feed table.



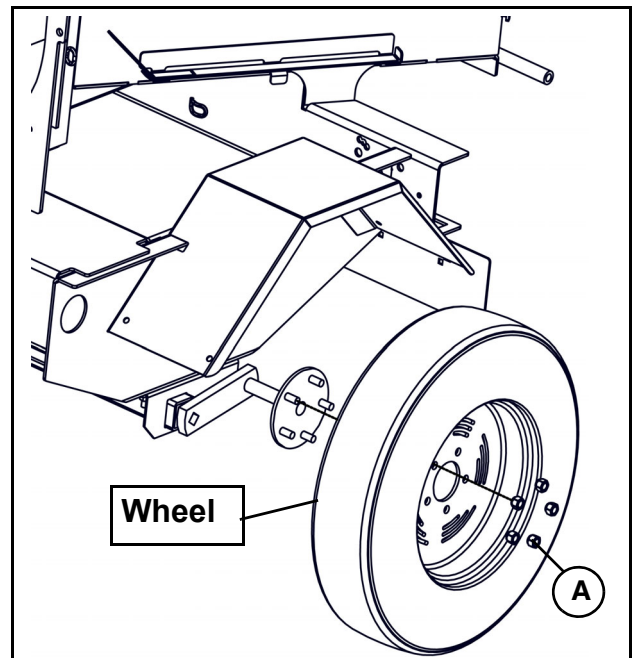
Unless indicated, new parts from kit have callouts with numbers. Callouts with letters indicate existing parts or general items.



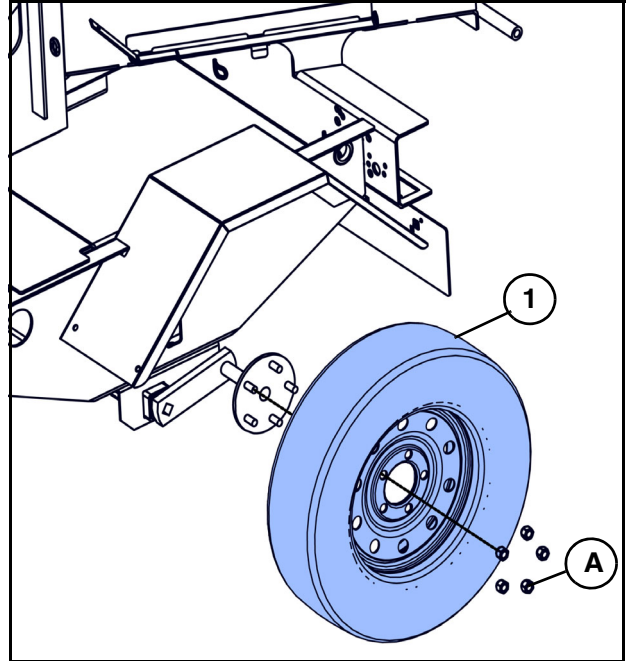
WARNING: Raised load can shift or fall. Death or serious injury could be possible if struck or crushed by falling load. Never allow anyone under a raised load unless load is securely supported to prevent it from shifting or falling.

BC700XL tire replacement procedure IK01 and IK02

1. Ensure machine is turned off and jack is deployed.
2. Ensure area around machine is free from obstruction.
3. Place a wheel chock on either side of opposite tire not being replaced.
4. Break free five wheel nuts on tire being removed so they can be unthreaded by hand, but do not remove.
5. Place two jacks capable of lifting approximately 1,800 lb (817 kg) underneath frame of trailer on side of tire you are replacing.
6. Using jacks, raise side of trailer enough so that tire being replaced is free spinning.
7. Remove and retain five wheel nuts **(A)** from axle.
8. Remove and discard wheel.

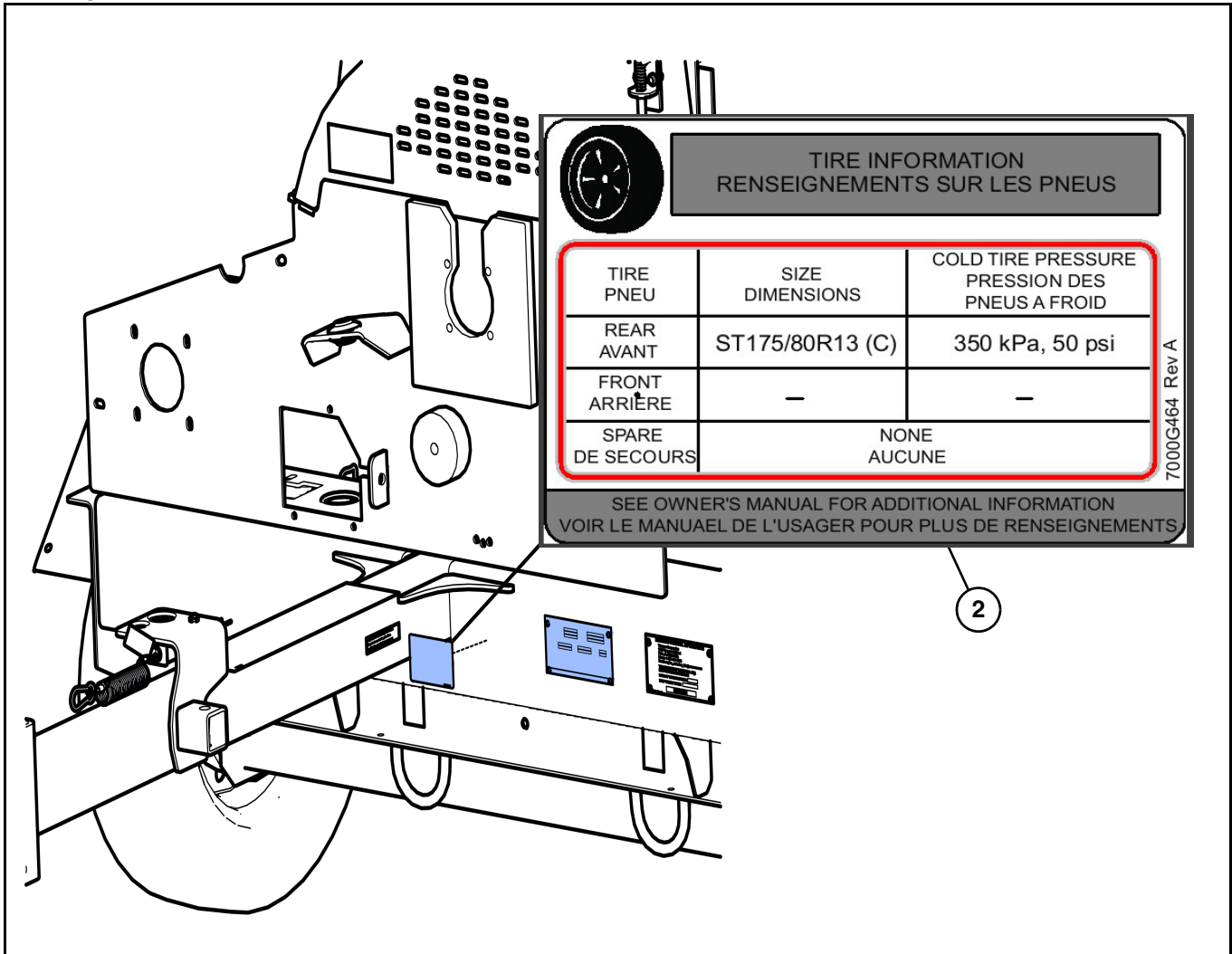


9. Attach new wheel (1) on axle, hand-thread five retained wheel nuts (A) on new wheel.
10. Lower jacks so that tire is firmly on ground. Make sure to remove all items underneath trailer.



11. Torque wheel nuts in a star pattern to 95 ft-lb (129 Nm).
12. Check tire pressure to be at 50 psi (350 kPa).
13. Repeat steps 3 – 12 on opposite side.

14. Remove existing tire information decal and replace with a new tire information decal (2) on frame tongue.



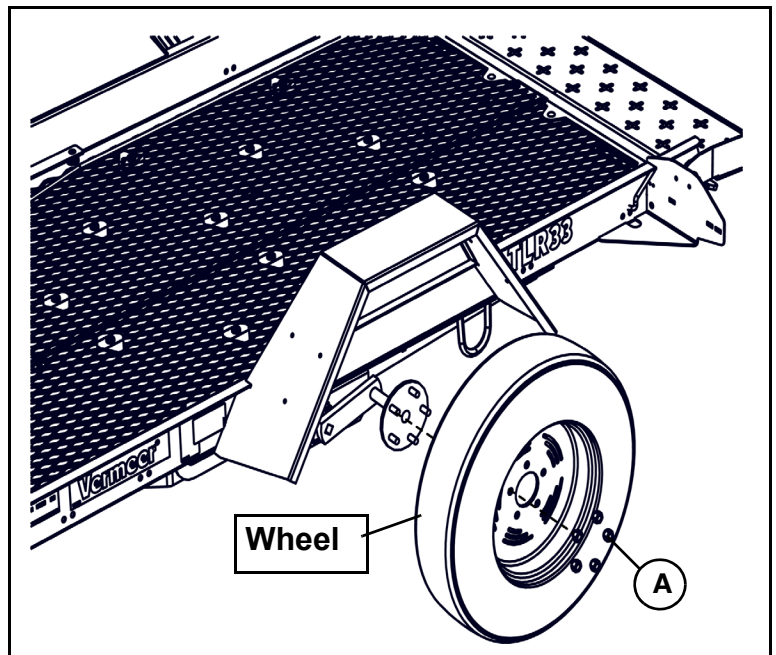
15. Install maintenance manual in manual storage box.



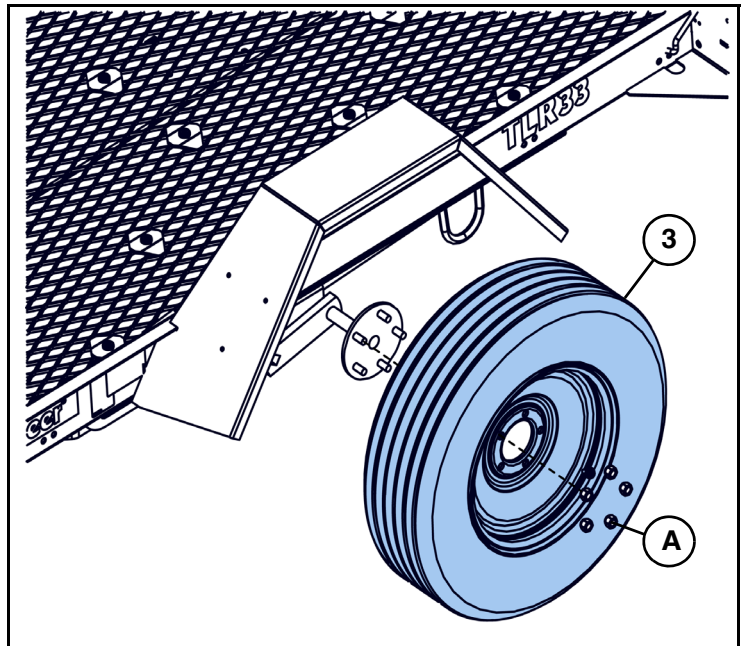
WARNING: Raised load can shift or fall. Death or serious injury could be possible if struck or crushed by falling load. Never allow anyone under a raised load unless load is securely supported to prevent it from shifting or falling.

TLR33 and TLR30 tire replacement procedure IK03, IK04, IK05 and IK06

1. Ensure trailer is completely unloaded and hitch is detached from vesicle before replacing tire.
2. Place a wheel chock on either side of opposite tire not being replaced.
3. Break free five wheel nuts on tire being removed so that they can be unthreaded by hand, but do not remove.
4. For TLR33 trailer, place two jacks capable of lifting approximately 771 lb (350 kg) underneath frame of trailer on side of tire you are replacing.
5. For TLR30 trailer, place two jacks capable of lifting approximately 580 lb (263 kg) underneath frame of trailer on side of tire you are replacing.
6. Using jacks, raise side of trailer enough so that tire being replaced is free spinning.
7. Remove and retain five wheel nuts (**A**) from axle.
8. Remove and discard wheel.

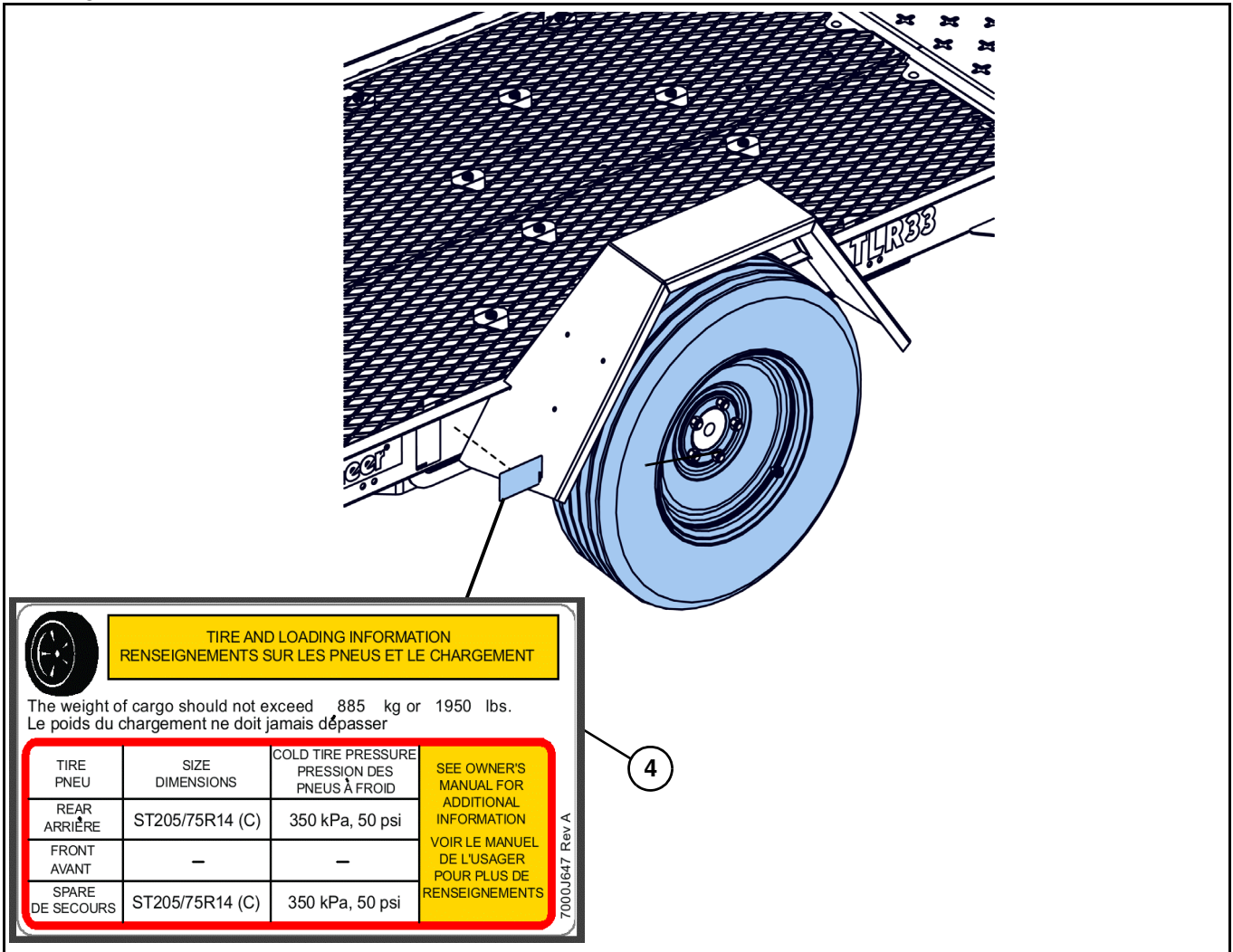


9. Attach new wheel (3) on axle, hand-thread five retained wheel nuts (A) on new wheel.
10. Lower jacks so tire is firmly on ground. Make sure and remove all items underneath trailer.



11. Torque wheel nuts in a star pattern to 95 ft-lb (129 Nm).
12. Check tire pressure to be at 50 psi (350 kPa).
13. Repeat steps 2 – 12 on opposite side.

14. Remove existing tire information decal and replace with a new tire information decal (4) on frame tongue.

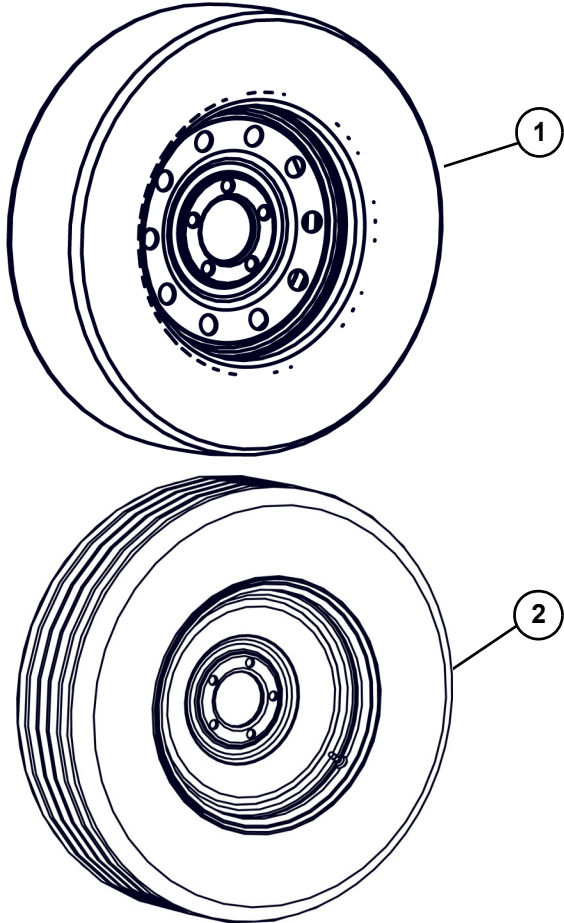


15. Install maintenance manual in manual storage box.

16. Remove Figures 1 and 2 and attach to the invoice or place in the manual storage box so unit owner can place with existing parts manual.

Figure 1

UNIT OWNER COPY
Insert into parts manual
for future reference.



TIRE INFORMATION RENSEIGNEMENTS SUR LES PNEUS		
TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DES PNEUS A FROID
REAR AVANT	ST175/80R13 (C)	350 kPa, 50 psi
FRONT ARRIÈRE	—	—
SPARE DE SECOURS	NONE AUCUNE	

SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION
VOIR LE MANUAEL DE L'USAGER POUR PLUS DE RENSEIGNEMENTS

7000G464 Rev A

TIRE AND LOADING INFORMATION RENSEIGNEMENTS SUR LES PNEUS ET LE CHARGEMENT			
The weight of cargo should not exceed 885 kg or 1950 lbs. Le poids du chargement ne doit jamais dépasser			
TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DES PNEUS À FROID	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION VOIR LE MANUEL DE L'USAGER POUR PLUS DE RENSEIGNEMENTS
REAR ARRIÈRE	ST205/75R14 (C)	350 kPa, 50 psi	
FRONT AVANT	—	—	
SPARE DE SECOURS	ST205/75R14 (C)	350 kPa, 50 psi	

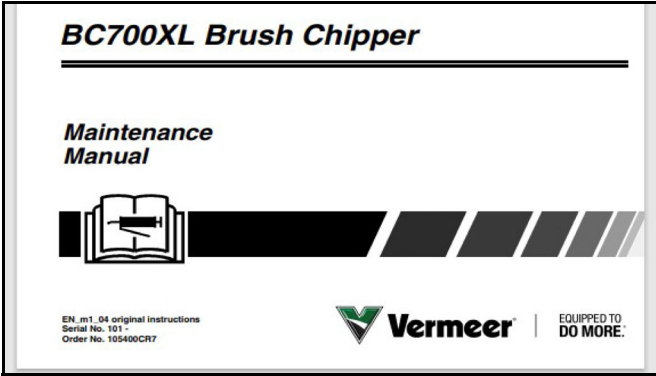
7000J647 Rev A

Figure 1 parts list

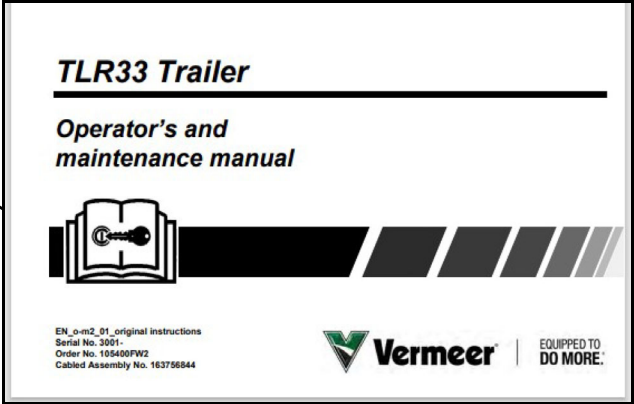
REF. NO.	PART NO.	DESCRIPTION	IK01 QTY.	IK02 QTY.	IK03 QTY.	IK04 QTY.	IK05 QTY.	IK05 QTY.
1	163724722	TIRE-ST175/80R13	1	1	-	-	-	-
2	7000G464	DECAL - TIRE INFORMATION, BC700XL	1	1	-	-	-	-
3	163811905	WHEEL-TIRE ASSY ST 205/75R14	-	-	1	1	1	1
4	7000J647	DECAL-TIRE & LOADING INFORMATION	-	-	1	1	1	1
		Kit includes all items in Figure 1 parts list.						

UNIT OWNER COPY
Insert into parts manual
for future reference.

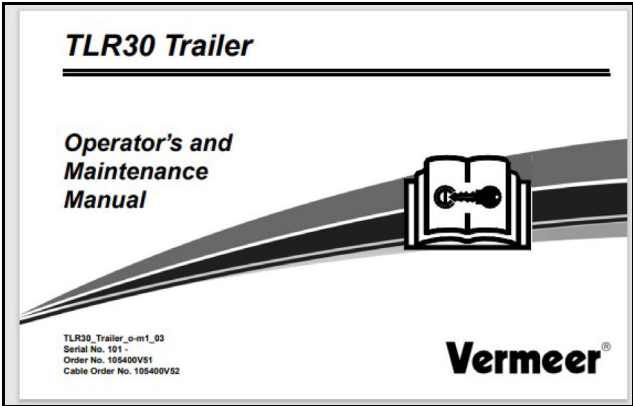
Figure 2



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6



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Figure 2 parts list									
REF. NO.	PART NO.	DESCRIPTION	IK01 QTY.	IK02 QTY.	IK03 QTY.	IK04 QTY.	IK05 QTY.	IK05 QTY.	IK05 QTY.
5	105400CR7	MM-BC700XL (EN) 1ST ED S/N 101-	1	1	-	-	-	-	-
6	105400FW2	OM/MM TLR33 O2.00	-	-	1	1	-	-	-
7	105400V51	OM/MM-TLR30 1ST ED S/N LD:101-1586 HD: 101-1109	-	-	-	-	1	1	-
		Kit includes all items in Figure 2 parts list.							