



# FIELD KIT

## Vermeer Corporation

Environmental  
Pella, IA 50219 USA

<b>FIELD CAMPAIGN KIT#</b>	<b>IK003973</b>	<b>DATE:</b>	<b>26 August 2020</b>
<b>For Dealer Reference: Service Bulletin #SVC2020-114</b>			
<b>BC1200XL Wheel and Tire Assembly Replacement Kit</b>			

<b>CAMPAIGN TYPE:</b>	<b>Mandatory - Product Safety</b> <b>DEALER INSTALLATION ONLY</b>
<b>CAMPAIGN CATEGORY:</b>	<b>Kit and Bulletin</b>

- IK01 or IK03:** Order this kit version which includes **English Supplemental Operator's and Maintenance Manual** for machines located in the United States, Canada (except Quebec), Australia, New Zealand and other English-speaking global regions.
- IK02 or IK04:** Order this kit version which **includes English + translated Supplemental Operator's and Maintenance Manual** for machines located in other global regions.

MACHINE/ ATTACHMENT MODEL(S):	SERIAL NUMBERS		
	Included	Excluded	Kit Version
BC1200XL	101–104, 111, 118, 119, 121, 127, 128, 130, 132–136, 138, 143, 149, 150, 152, 154, 156, 158–63, 168–170, 172–174, 177, 178, 182, 185, 186, 189, 191–200, 206–208, 210–214, 216, 219, 222, 225–228, 230, 231, 235, 239, 241, 247–250, 255–257, 26–266, 268, 271–273, 275, 277–279, 281–285, 288–293, 295–297, 299, 300, 305, 306, 310–319, 329, 334, 335, 337–346, 347–350, 355–358, 360–362, 376  <b>Units with "Bad" Supplier Defective Flotation Wheels</b>	113, 157, 205, 302, 303, 352, 374  <b>And units equipped with Standard Wheels</b>  105–110, 112, 114–116, 120, 122–126, 137, 139–142, 144–148, 151, 155, 164–167, 175, 176, 180, 181, 183, 184, 187, 188, 190, 201–204, 209, 215, 217, 221, 223, 232, 234, 236–238, 242–246, 252–254, 258, 259, 267, 269, 270, 274, 276, 280, 286, 287, 294, 301, 304, 307–309, 320–328, 330, 331, 336, 351, 353, 354, 359, 363–373	IK01 Steel Wheels 8 on 6½, 9/16" studs; Tires 235/80R16 LRE; text safety sign and English Operator's/ Maintenance Manuals

BC1200XL	113, 157, 205, 302, 303, 352, 374  <b>Units with "Bad" Supplier Defective Flotation Wheels</b>	101–104, 111, 118, 119, 121, 127, 128, 130, 132–136, 138, 143, 149, 150, 152, 154, 156, 158–163, 168, 170, 172–174, 177, 178, 182, 185, 186, 189, 191–200, 206–208, 210–214, 216, 219, 222, 225–228, 230, 231, 235, 239, 241, 247–250, 255–257, 260–266, 268, 271–273, 275, 277–279, 281–285, 288–293, 295–297, 299, 300, 305, 306, 310–319, 329, 334, 335, 337–350, 355–358, 360–362, 376  <b>And units equipped with Standard Wheels</b>	IK02 Steel Wheels 8 on 6½, 9/16" studs; Tires 235/80R16 LRE; no-text safety sign and English + translated Operator's/ Maintenance Manuals
BC1200XL	117, 129, 131, 153, 171, 179, 219, 220, 224, 229, 231, 233, 251, 298, 332, 333, 346, 375, 377  <b>Units with "Good" Non-Defective Supplier Flotation Wheels per Inspections received by 12 Aug 2020</b>	240  <b>Units with "Bad" Supplier Defective Flotation Wheels and units equipped with Standard Wheels</b>	IK03 text safety sign and English Operator's/ Maintenance Manuals
BC1200XL	240  <b>Units with "Good" Non-Defective Supplier Flotation Wheels per Inspections received by 12 Aug 2020</b>	117, 129, 131, 153, 171, 179, 219, 220, 224, 229, 231, 233, 251, 298, 332, 333, 346, 375, 377  <b>Units with "Bad" Supplier Defective Flotation Wheels and units equipped with Standard Wheels</b>	IK04 no-text safety sign and English + translated Operator's/ Maintenance Manuals



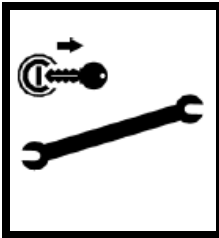
**PURPOSE:** Specific wheels (steel rim) with 8 bolt pattern on 6-1/2 (165 mm) circle to be used with 9/16" studs provided by a supplier:

- have an incorrect lug nut contact area causing wheel lug nuts to loosen and/or
- can develop possible cracks causing the tire to loose air pressure.

Both conditions may increase the risk of wheel loss and the risk of a crash. **Death or serious injury** is possible. Property damage may also occur. This kit provides the necessary parts and instructions to replace the wheel/tire assembly, install a new safety sign, and provides supplemental manuals.

**SPECIAL TOOLS AND CONDITIONS:**

- None



**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.

## Shutdown Procedure

**NOTICE:** For your safety and safety of others, use shutdown procedure before servicing, cleaning, unclogging, or transporting the chipper.

A variation of this procedure may be used if so instructed within this document or if an emergency requires it.

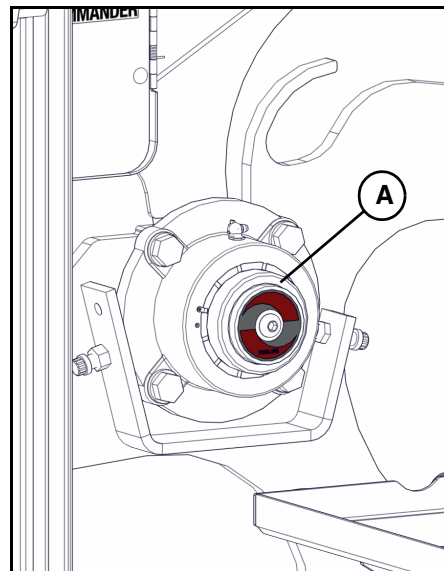
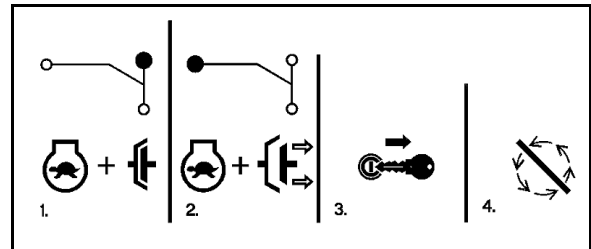
3. Return *Upper Feed Control Bar* to STOP position.
4. Move *Cutter Engage/Throttle Lever* to ENGAGED/LOW RPM position.

**NOTICE:** Whenever practical and safe, allow engine to idle for 1–5 minutes before shutting down after operating at full power. Please consult machine's engine manual for details.

5. Wait for cutter drum to slow.
6. Move *Cutter Engage/Throttle Lever* to DISENGAGED/LOW RPM position.
7. If so equipped, shut off remote control if in use.
8. Turn ignition key to OFF position and remove key.
9. Wait for the cutter drum and belt to stop.

**NOTICE:** Cutter drum rotation can be checked by looking at the end of shaft **(A)** on left side of cutter wheel housing. The cutter drum will continue to turn for a short time after the engine has stopped.

10. Close and latch feed table.



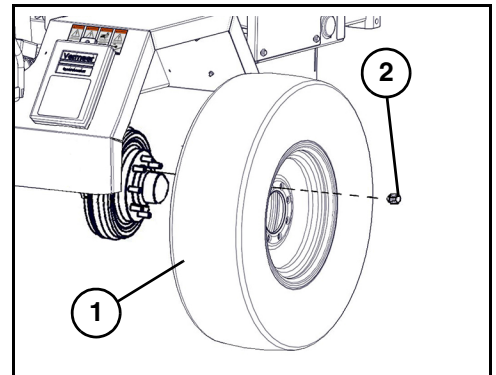
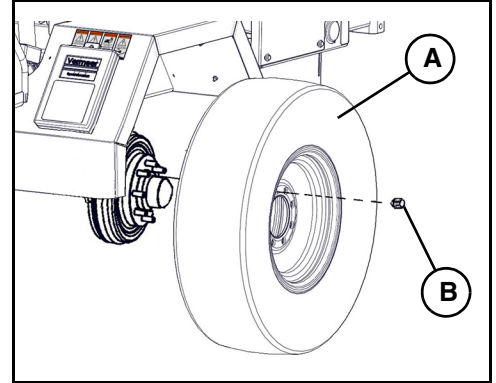
Unless indicated, new parts from kit have callouts with numbers. Callouts with letters indicate existing parts or general items.



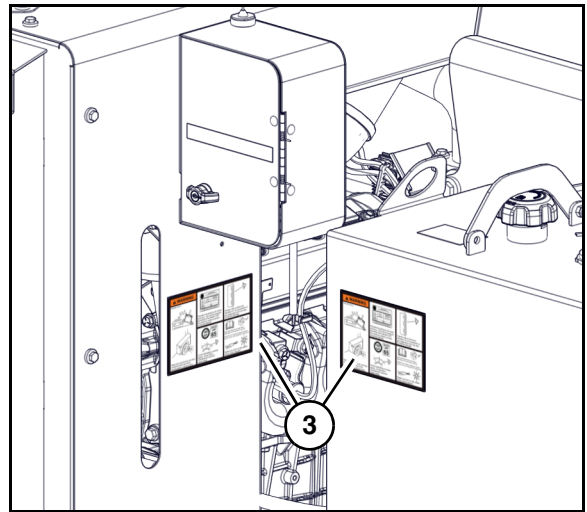
**WARNING:** Raised load can shift or fall. Death or serious injury could be possible if struck or crushed by falling load. Never allow anyone under a raised load unless load is securely supported to prevent it from shifting or falling.

### PROCEDURE 1: 16x6 Wheel and Tire Assembly - English (IK01)

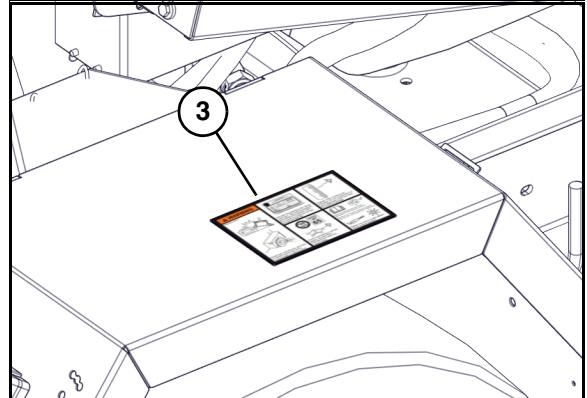
1. Using a suitable lifting device capable of lifting approximately 6,000 lb (2722 kg), raise machine off ground to allow adequate room to remove tire.
2. Place suitable blocking under trailer frame and remove lifting device.
3. Attach a suitable lifting device to wheel assembly **(A)**. Assembly weighs approximately 80 lb (40 kg).
4. Remove and discard wheel assembly and wheel nuts **(B)**, from each side of machine.
5. Deflate tire or remove tire from wheel.
6. Torch cut wheels across the wheel nut area.
7. Take a photo(s) of destroyed wheels and attach to campaign warranty claim.
8. Discard wheel nuts so they can no longer be used or sold.
9. The removed tires may be retained in your used tire inventory or disposed of. Cost of tire removal is included in labor hours.
10. Attach a suitable lifting device to new wheel assembly **(1)**. Assembly weighs approximately 80 lb (40 kg).
11. Install new wheel assemblies on axle using new wheel nuts **(2)**. Torque wheel nuts in a star pattern to 140 ft-lb (190 Nm).
12. Check to ensure tire pressure is 80 psi (550 kPa).



**13.** On the left side of the machine, apply new warning decal **(3)** to side of metal fuel tank (machine equipped with gas engine), or to rear engine shield if machine is equipped with a plastic fuel tank (diesel engine).



**14.** On right side of machine, apply new warning decal **(3)** to top of fender.



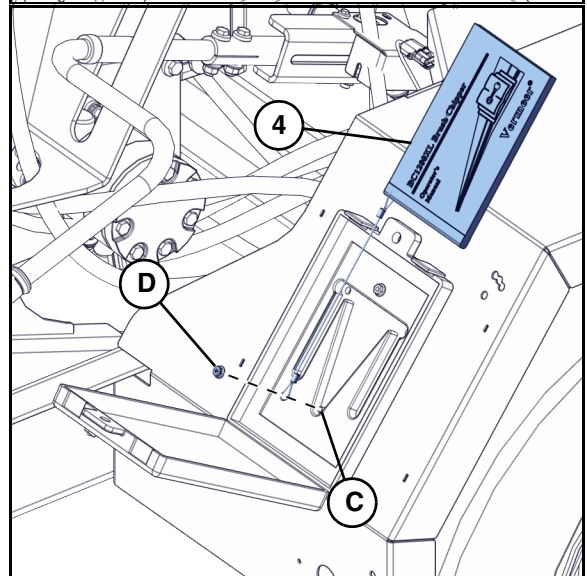
**15.** Remove and retain screw **(C)** and nut **(D)**. Remove and discard existing cabled operator's manual assembly (not shown).

**16.** Install new cabled operator's manual assembly **(4)** with retained screw **(C)** and nut **(D)**.

**17.** Discard existing operator's manual. Replace with new operator's manual **(5)**. (not shown)

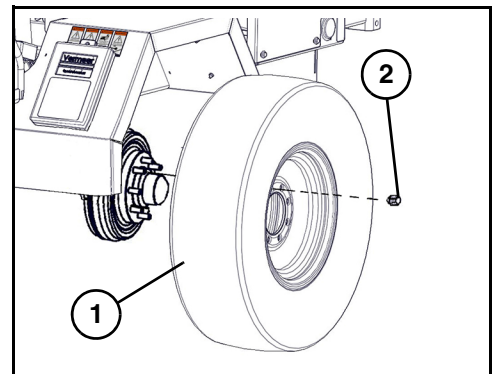
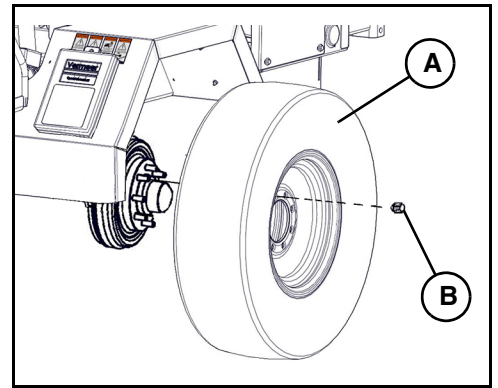
**18.** Discard existing maintenance manual. Replace with new maintenance manual **(6)**. (not shown)

**19.** Remove Figure 1 and attach to the invoice or place in the manual storage box so unit owner can place with existing Parts Manual.

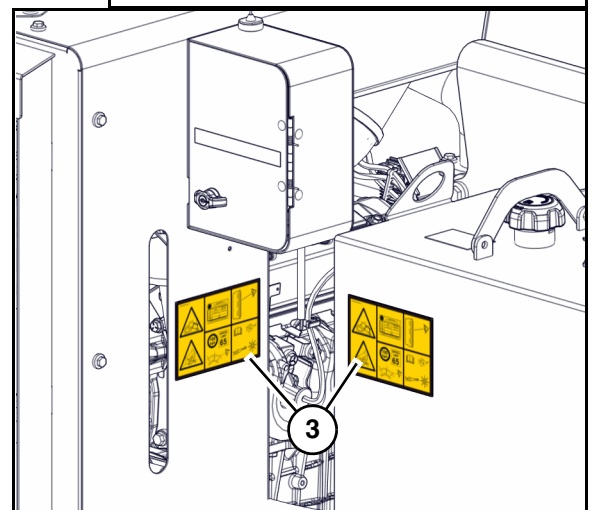


## PROCEDURE 2: 16x6 Wheel and Tire Assembly - International (IK02)

1. Using a suitable lifting device capable of lifting approximately 6,000 lb (2722 kg), raise machine off ground to allow adequate room to remove tire.
2. Place suitable blocking under trailer frame and remove lifting device.
3. Attach a suitable lifting device to wheel assembly **(A)**. Assembly weighs approximately 80 lb (40 kg).
4. Remove and discard wheel assembly and wheel nuts **(B)**, from each side of machine.
5. Deflate tire or remove tire from wheel.
6. Torch cut wheels across the wheel nut area.
7. Take a photo(s) of destroyed wheels and attach to campaign warranty claim.
8. Discard wheel nuts so they can no longer be used or sold.
9. The removed tires may be retained in your used tire inventory or disposed of. Cost of tire removal is included in labor hours.
10. Attach a suitable lifting device to new wheel assembly **(1)**. Assembly weighs approximately 80 lb (40 kg).
11. Install new wheel assemblies on axle using new wheel nuts **(2)**. Torque wheel nuts in a star pattern to 140 ft-lb (190 Nm).
12. Check to ensure tire pressure is 80 psi (550 kPa).

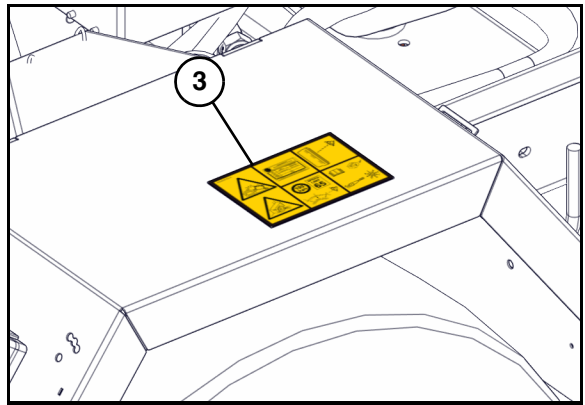


13. On the left side of the machine, apply new warning decal **(3)** to side of metal fuel tank (machine equipped with gas engine), or to rear engine shield if machine is equipped with a plastic fuel tank (diesel engine).





**14.** On right side of machine, apply new warning decal **(3)** to top of fender.



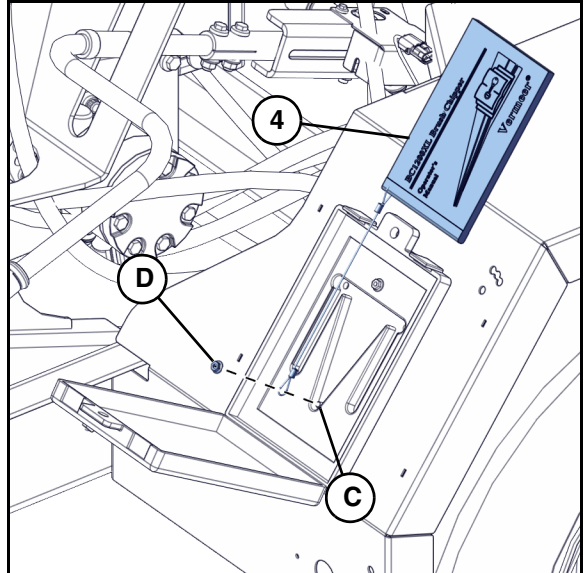
**15.** Remove and retain screw **(C)** and nut **(D)**. Remove and discard existing cabled operator's manual assembly (not shown).

**16.** Install new cabled operator's manual assembly **(4)** with retained screw **(C)** and nut **(D)**.

**17.** Discard existing operator's manual. Replace with new operator's manual **(5)**. (not shown)

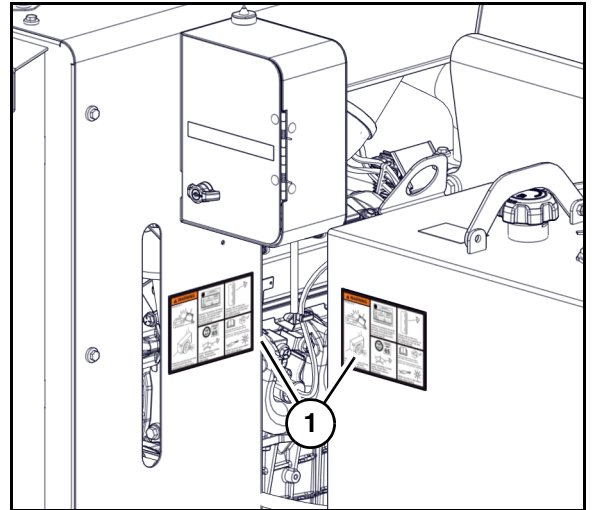
**18.** Discard existing maintenance manual. Replace with new maintenance manual **(6)**. (not shown)

**19.** Remove Figure 2 and attach to the invoice or place in the manual storage box so unit owner can place with existing Parts Manual.

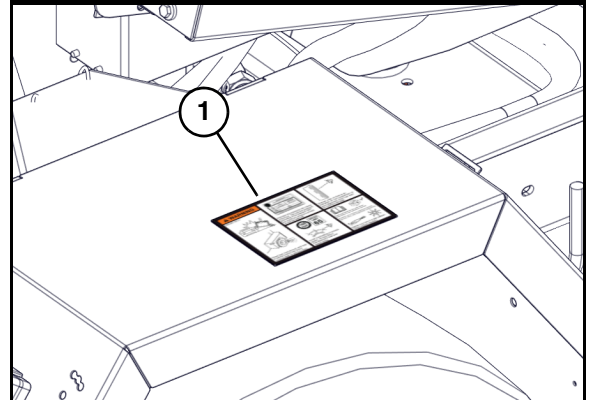


### PROCEDURE 3: Decals and Manuals - English (IK03)

1. On the left side of the machine, apply new warning decal (1) to side of metal fuel tank (machine equipped with gas engine), or to rear engine shield if machine is equipped with a plastic fuel tank (diesel engine).



2. On right side of machine, apply new warning decal (1) to top of fender.



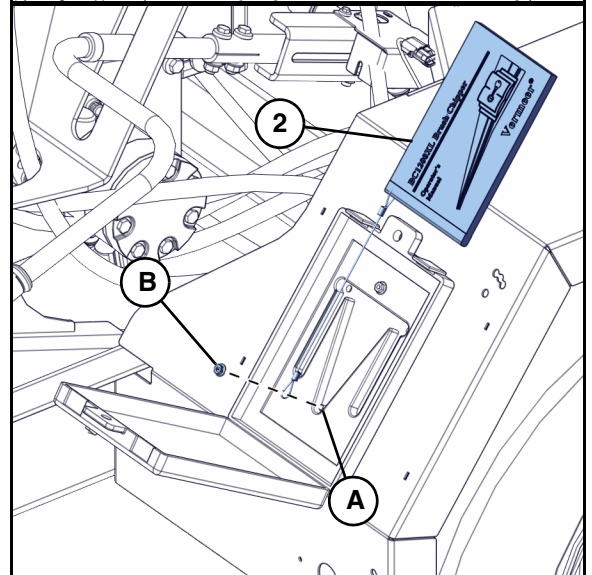
3. Remove and retain screw (A) and nut (B). Remove and discard existing cabled operator's manual assembly (not shown).

4. Install new cabled operator's manual assembly (2) with retained screw (A) and nut (B).

5. Discard existing operator's manual. Replace with new operator's manual (3). (not shown)

6. Discard existing maintenance manual. Replace with new maintenance manual (4). (not shown)

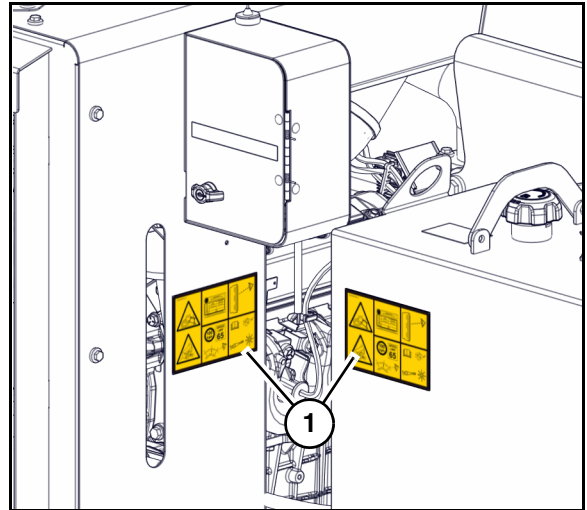
7. Remove Figure 3 and attach to the invoice or place in the manual storage box so unit owner can place with existing Parts Manual.



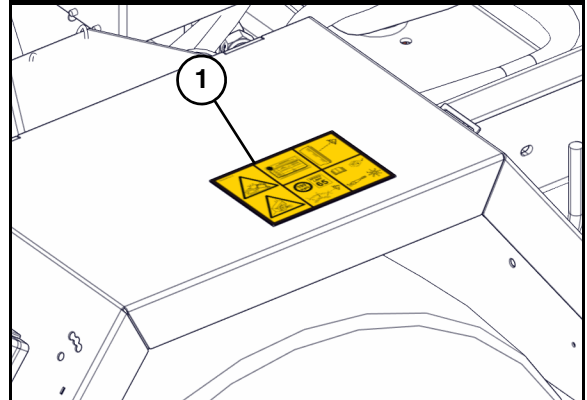


## PROCEDURE 4: Decals and Manuals - International (IK04)

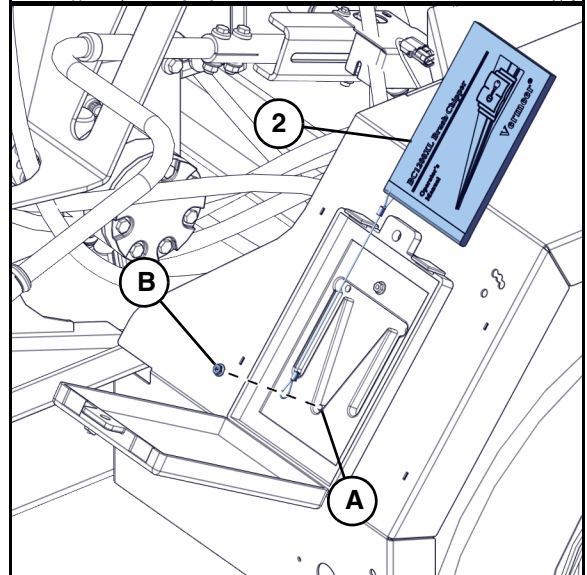
1. On the left side of the machine, apply new warning decal (1) to side of metal fuel tank (machine equipped with gas engine), or to rear engine shield if machine is equipped with a plastic fuel tank (diesel engine).



2. On right side of machine, apply new warning decal (1) to top of fender.

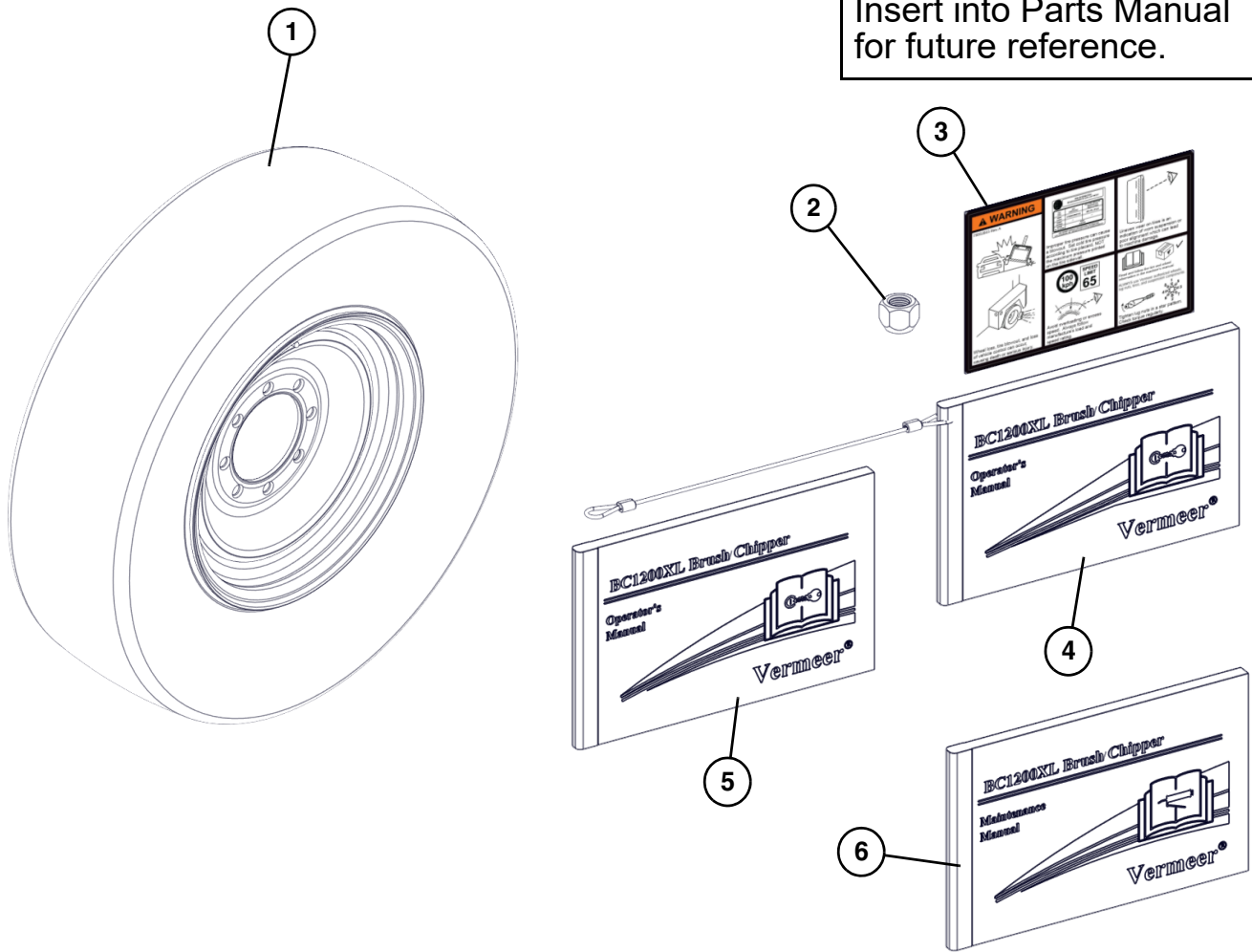


3. Remove and retain screw (A) and nut (B). Remove and discard existing cabled operator's manual assembly (not shown).
4. Install new cabled operator's manual assembly (2) with retained screw (A) and nut (B).
5. Discard existing operator's manual. Replace with new operator's manual (3). (not shown)
6. Discard existing maintenance manual. Replace with new maintenance manual (4). (not shown)
7. Remove Figure 4 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.

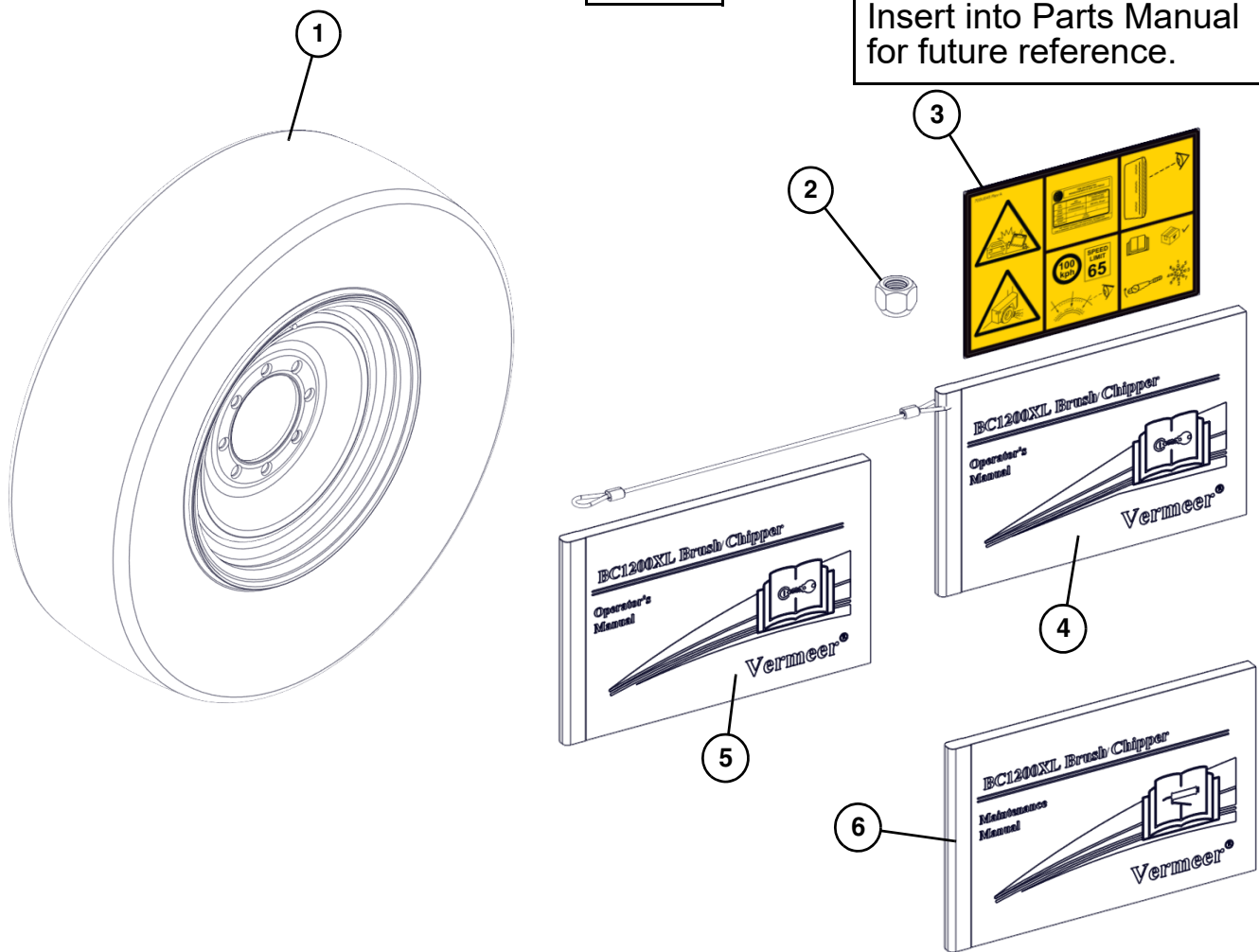


**FIGURE 1 Parts List**

REF. NO.	PART NO.	DESCRIPTION	IK01 QTY.
1	180013133	STANDARD WHEEL ASSY	2
2	234133031	WHEEL NUT 9/16in 18 CONE 60°	16
3	7000J045	DECAL-WARNING, WHEEL & TIRE	2
4	180017147	ASSEMBLY - CABLED OPER. MANUAL (US, UK)	1
5	105400AW4	OM-BC1200XL (EN) 1ST ED S/N 101-1000	1
6	105400AW6	MM-BC1200XL 1ST ED S/N 101-1000	1
Kit IK01 includes all items in Figure 1 Parts List.			

**Figure 2**

**UNIT OWNER COPY**  
 Insert into Parts Manual  
 for future reference.



**FIGURE 2 Parts List**

REF. NO.	PART NO.	DESCRIPTION	IK02 QTY.
1	180013133	STANDARD WHEEL ASSY	2
2	234133031	WHEEL NUT 9/16in 18 CONE 60°	16
3	700IJ045	DECAL-WARNING, WHEEL & TIRE	2
4	180017147	ASSEMBLY - CABLED OPER. MANUAL (US, UK)	1
5	105400AW4	OM-BC1200XL (EN) 1ST ED S/N 101-1000	1
6	105400AW6	MM-BC1200XL 1ST ED S/N 101-1000	1
		Kit IK02 includes all items in Figure 2 Parts List.	

**Figure 3**

**UNIT OWNER COPY**  
 Insert into Parts Manual  
 for future reference.

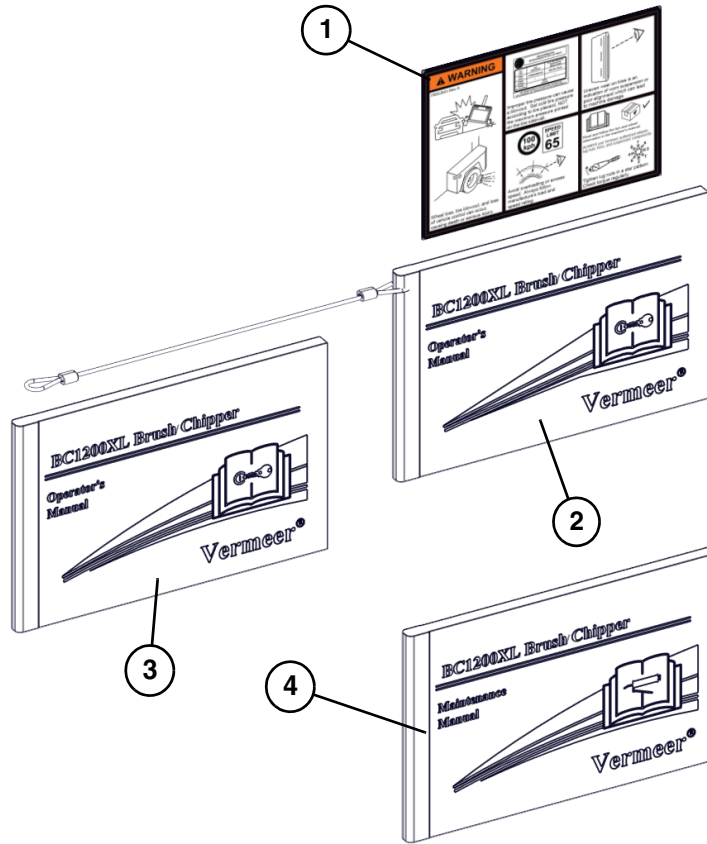
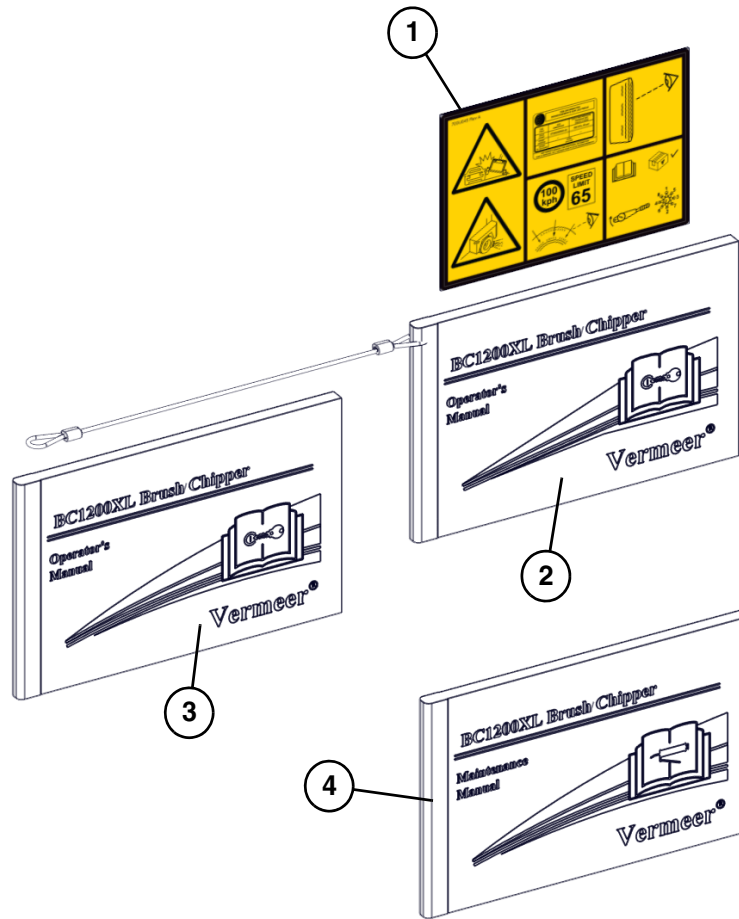


FIGURE 3 Parts List			
REF. NO.	PART NO.	DESCRIPTION	IK03 QTY.
1	7000J045	DECAL-WARNING, WHEEL & TIRE	2
2	180017147	ASSEMBLY - CABLED OPER. MANUAL (US, UK)	1
3	105400AW4	OM-BC1200XL (EN) 1ST ED S/N 101-1000	1
4	105400AW6	MM-BC1200XL 1ST ED S/N 101-1000	1
		Kit IK03 includes all items in Figure 3 Parts List.	

**Figure 4**

**UNIT OWNER COPY**  
 Insert into Parts Manual  
 for future reference.



**FIGURE 4 Parts List**

REF. NO.	PART NO.	DESCRIPTION	IK04 QTY.
1	700IJ045	DECAL-WARNING, WHEEL & TIRE	2
2	180017147	ASSEMBLY - CABLED OPER. MANUAL (US, UK)	1
3	105400AW4	OM-BC1200XL (EN) 1ST ED S/N 101-1000	1
4	105400AW6	MM-BC1200XL 1ST ED S/N 101-1000	1
		Kit IK04 includes all items in Figure 4 Parts List.	