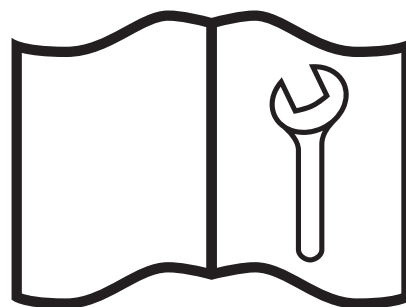


Set-up Instructions



BXMT3209

BXMT3213

BXMT4224



IMPORTANT! Inspect for damage from shipping. Immediately contact the shipping company if damage is found.

Note: Some parts are attached to skid with screws.
Shipping brackets are not reused.

Always Put Safety First!

Read these assembly instructions thoroughly before beginning. Make sure each step is understood before attempting it. Be familiar with all safety signs on the machine and their meaning.

Tighten all fasteners to the torque value specified on the last page. Recheck before using the machine.

Assembly hardware is located inside operator's manual tube.



WARNING!

Position the crate in a large open area to allow access from all sides during assembly.

Stay clear of overhead power lines and obstructions when lifting the machine during assembly. Contact with power lines can cause electrocution. Contact with obstructions can damage components or cause them to fail.

Keep the assembly area clean to prevent slipping or tripping.

Use a hoist when lifting components that weigh 50 lb (23 kg) or more to avoid back injury.

All lifting devices (straps, slings, chains, ratchet blocks) must comply with applicable local regulations and certifications. Wallenstein Equipment Inc. cannot accept responsibility for the use of sub-standard equipment and work practices.

Use lifting equipment with a capacity greater than the weight of the component. Place jack stands or wood blocking under the machine to securely stabilize it before working on it during assembly.

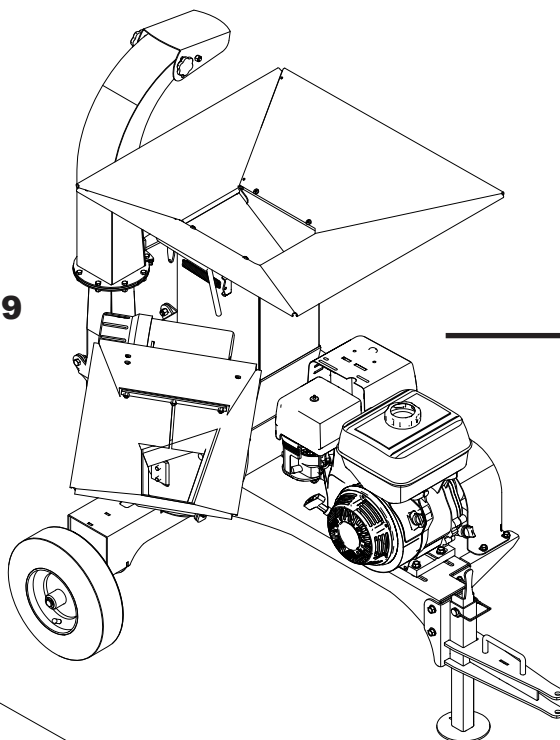
Use the correct tool for the job. Repair or replace broken or defective equipment or tools. Makeshift tools can create safety hazards. A tool that breaks or slips during use risks personal injury.



WARNING!

Avoid the risk of personal injury or machine damage! Read the operator's manual before using this equipment. Carefully read all safety messages in the manual and follow all safety signs on the machine.

BXMT3209



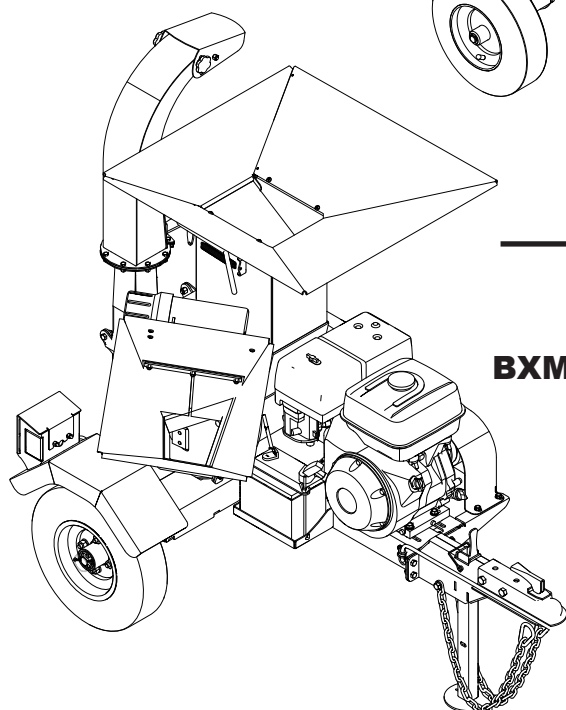
BXMT3209

BXMT3213

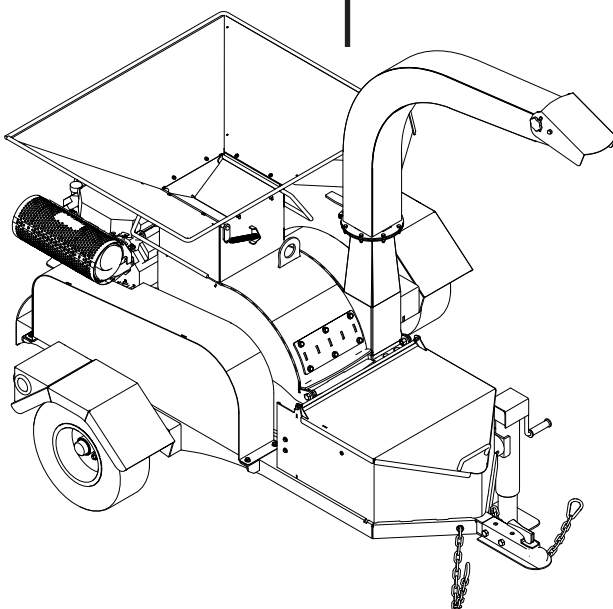
BXMT4224

i.

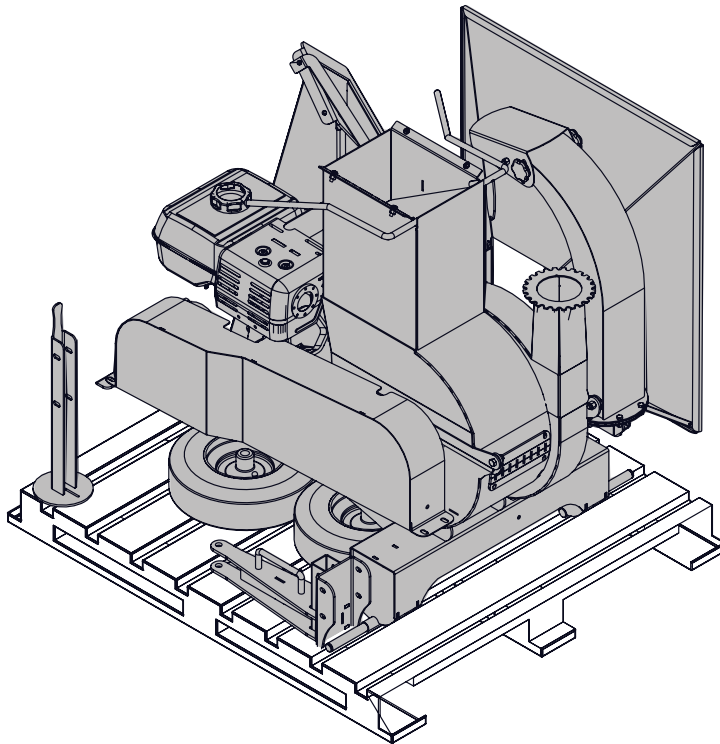
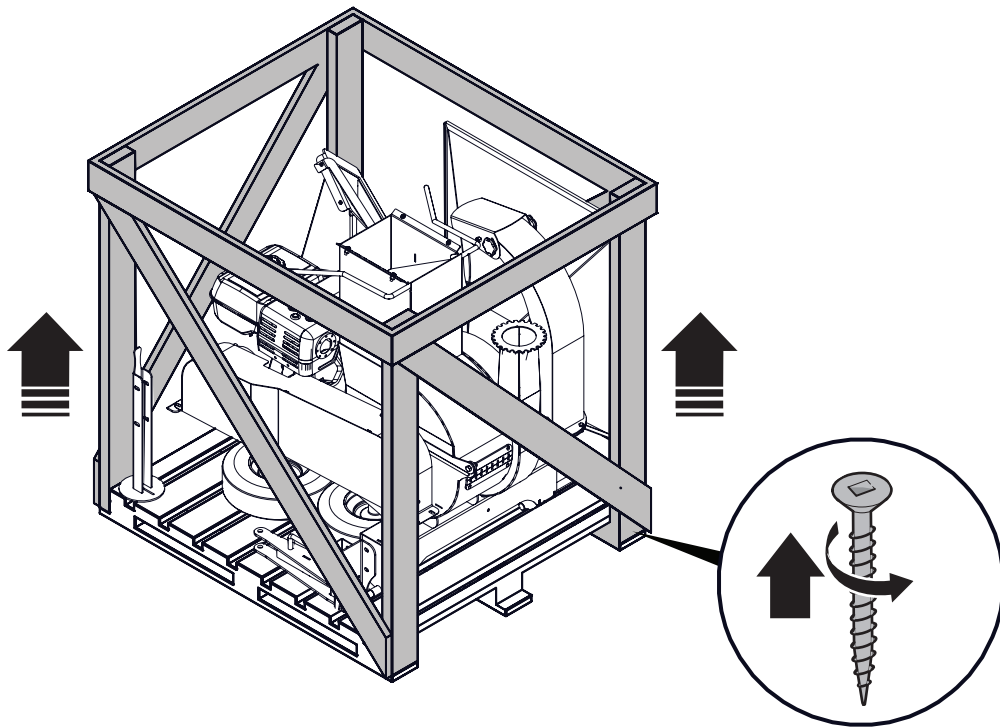
BXMT3213

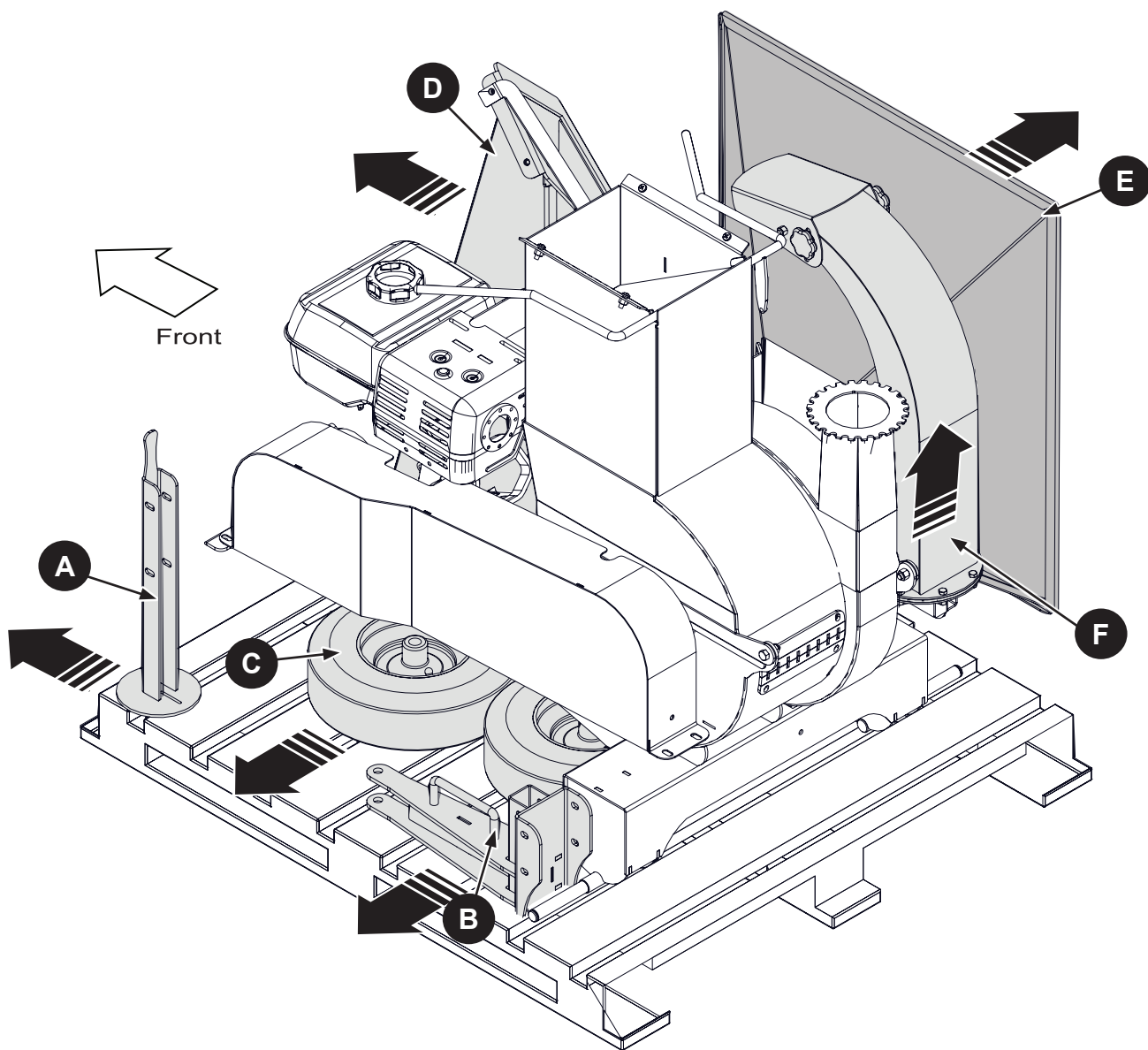


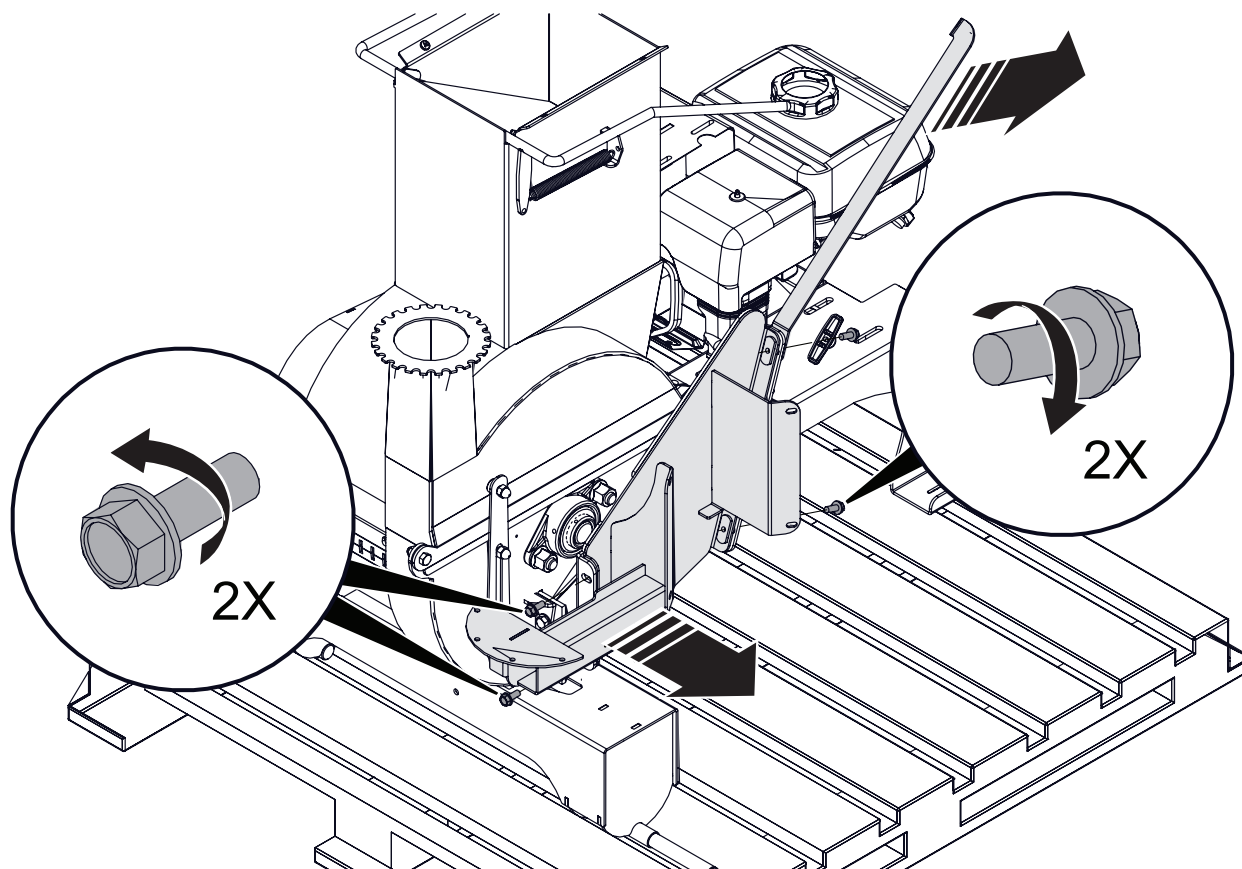
BXMT4224



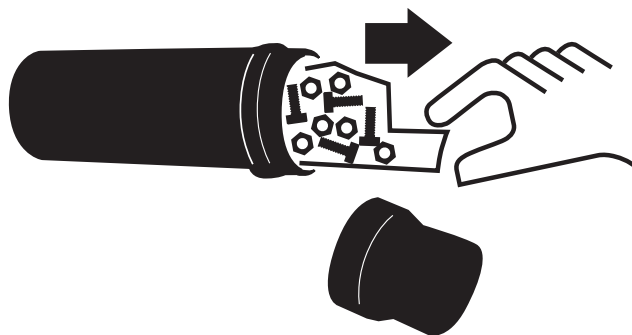
1



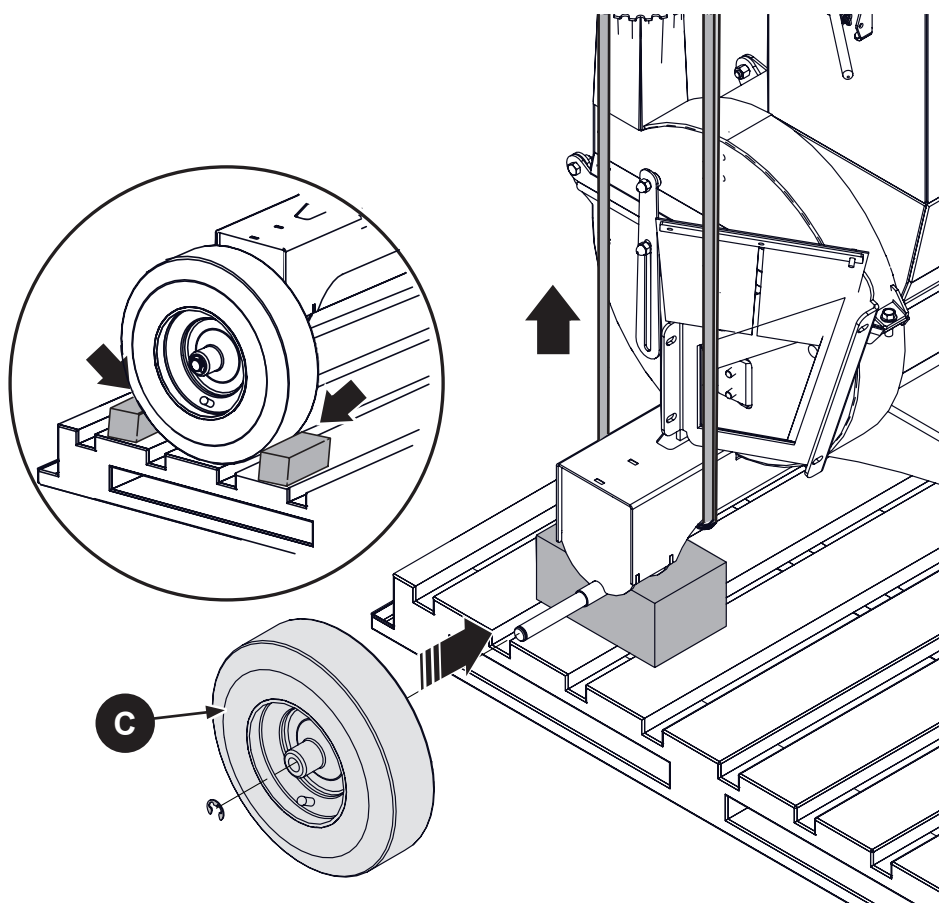


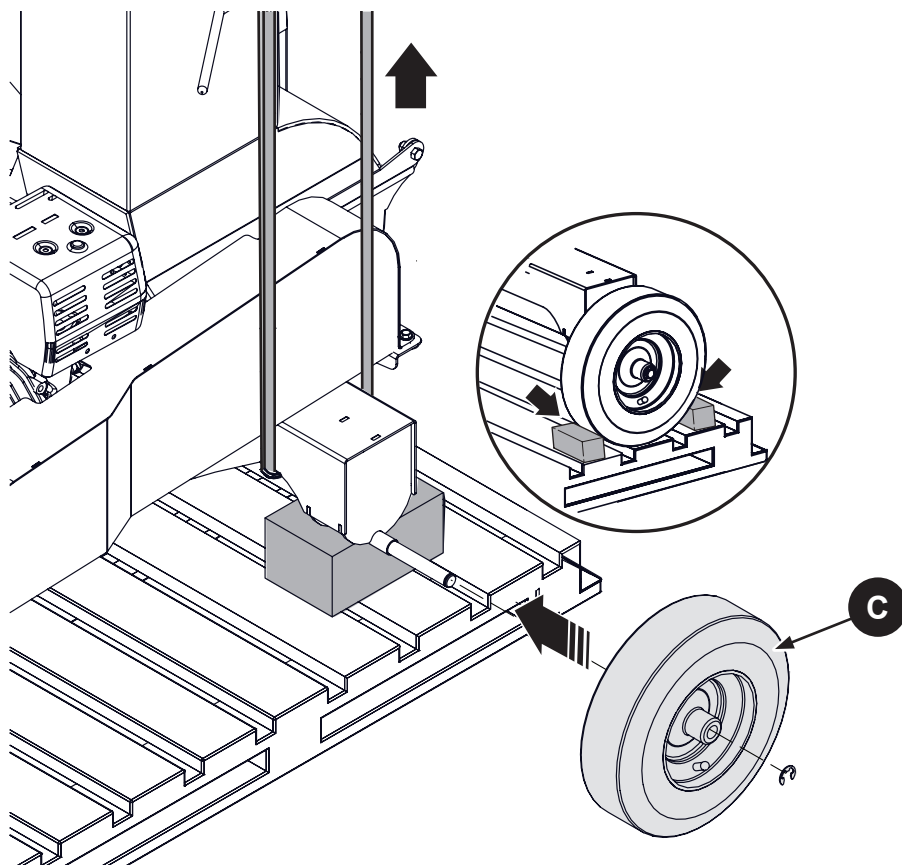


4

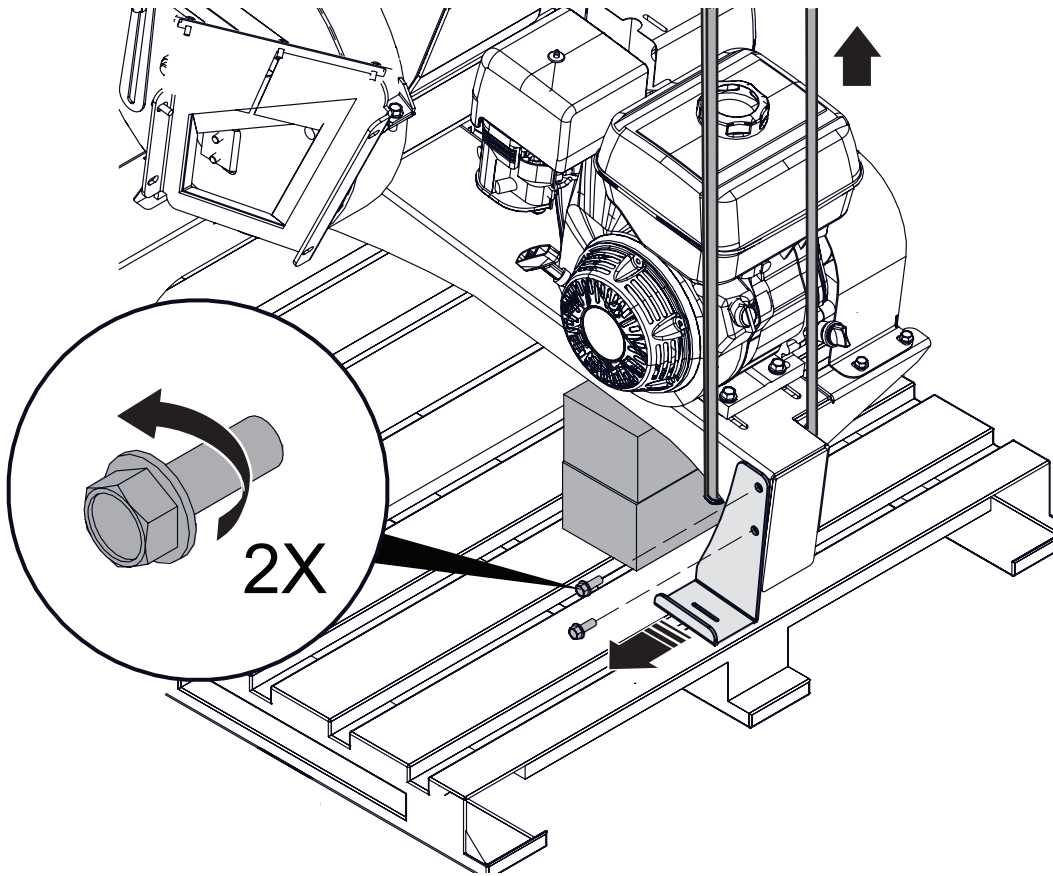


BXMT3209

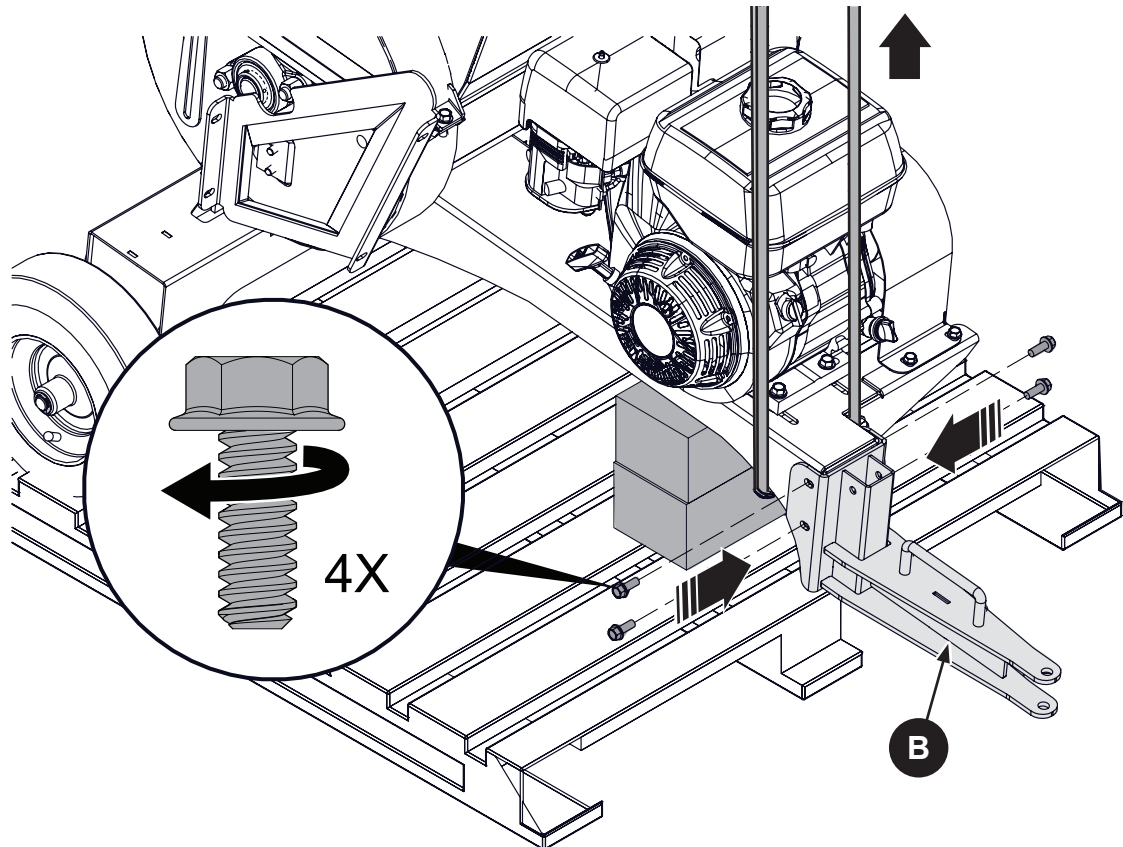


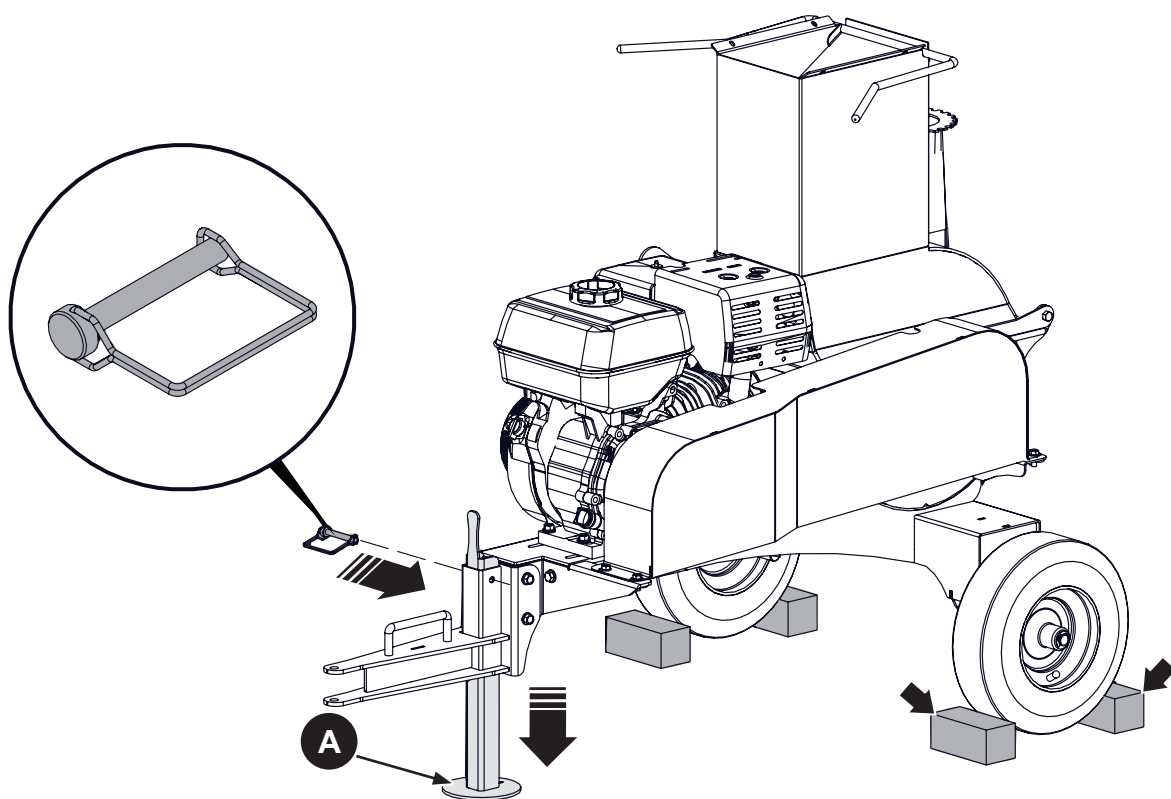
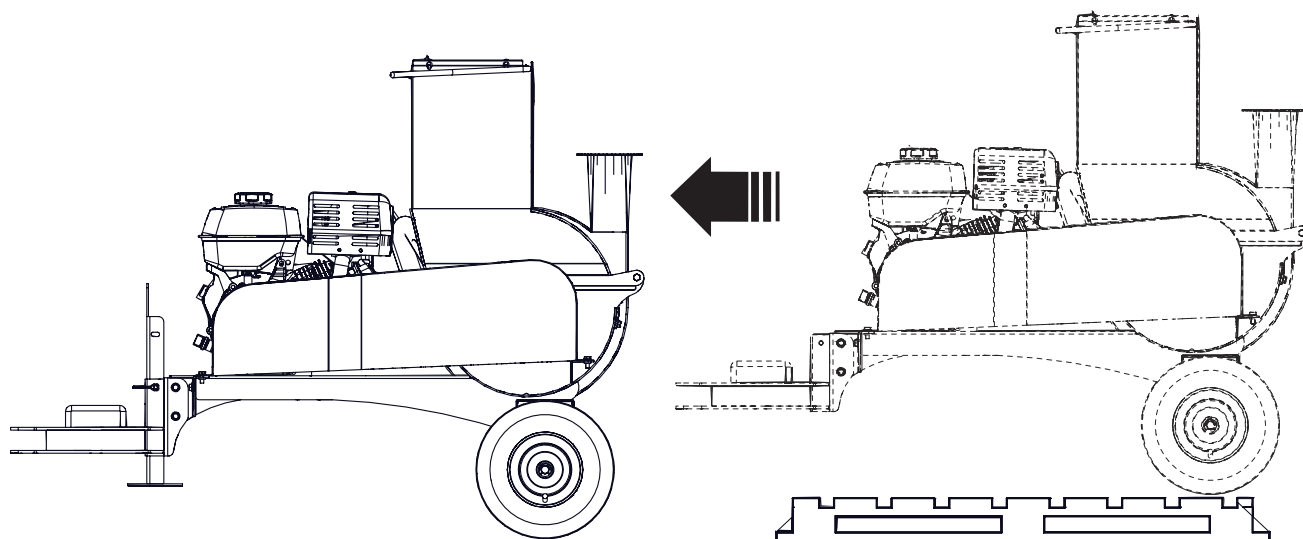


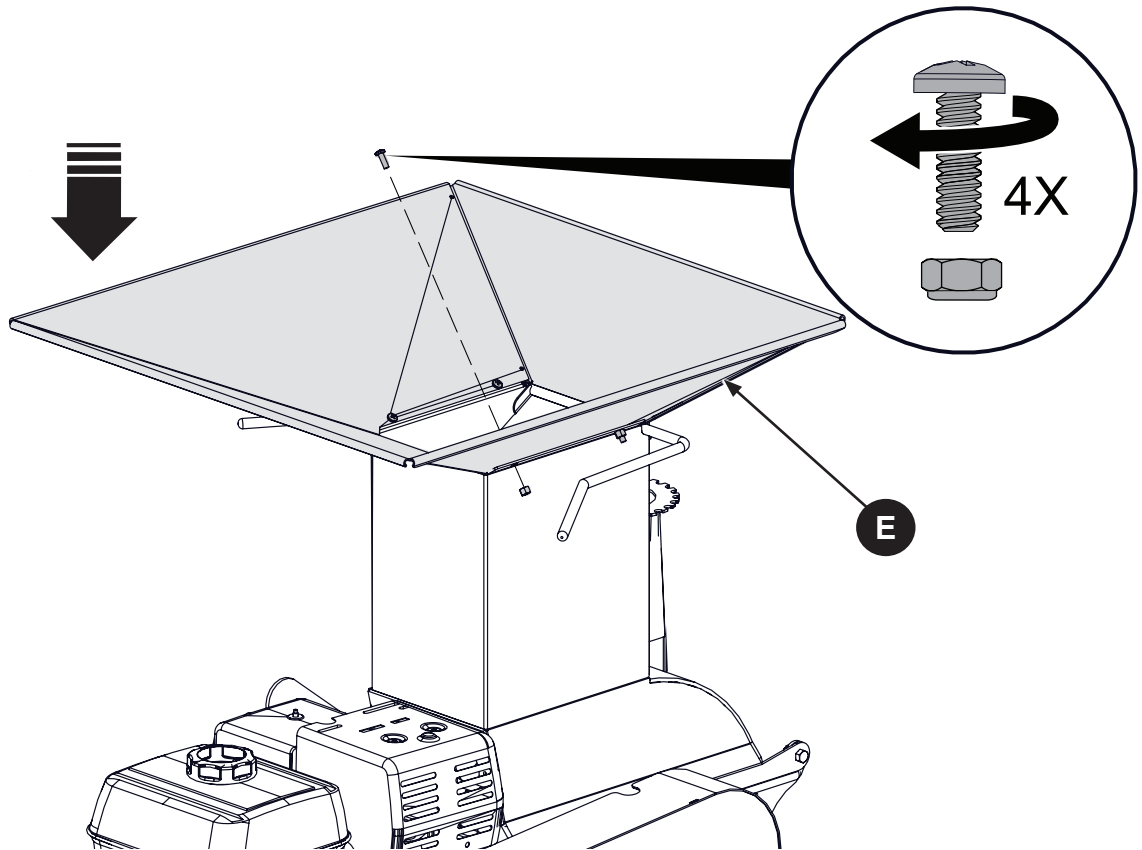
6

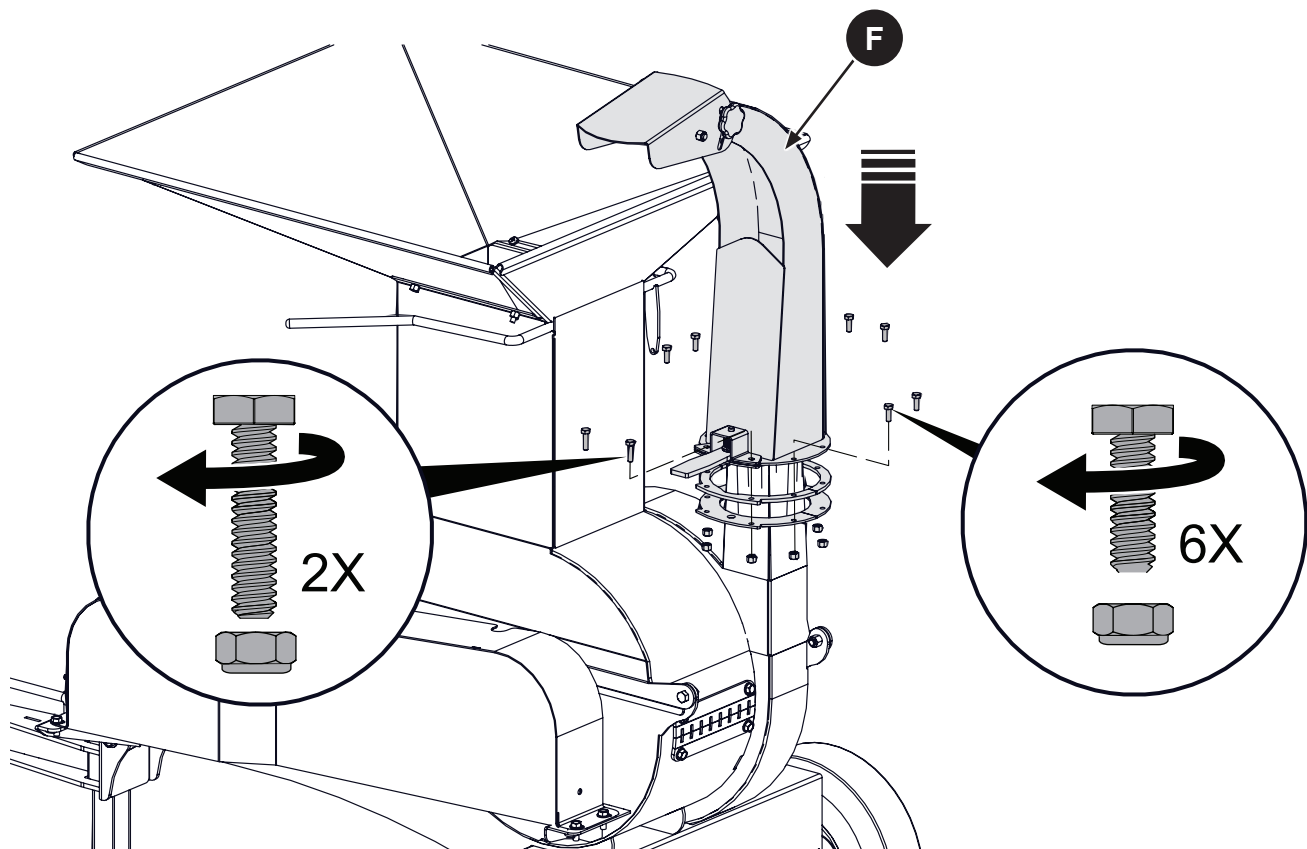


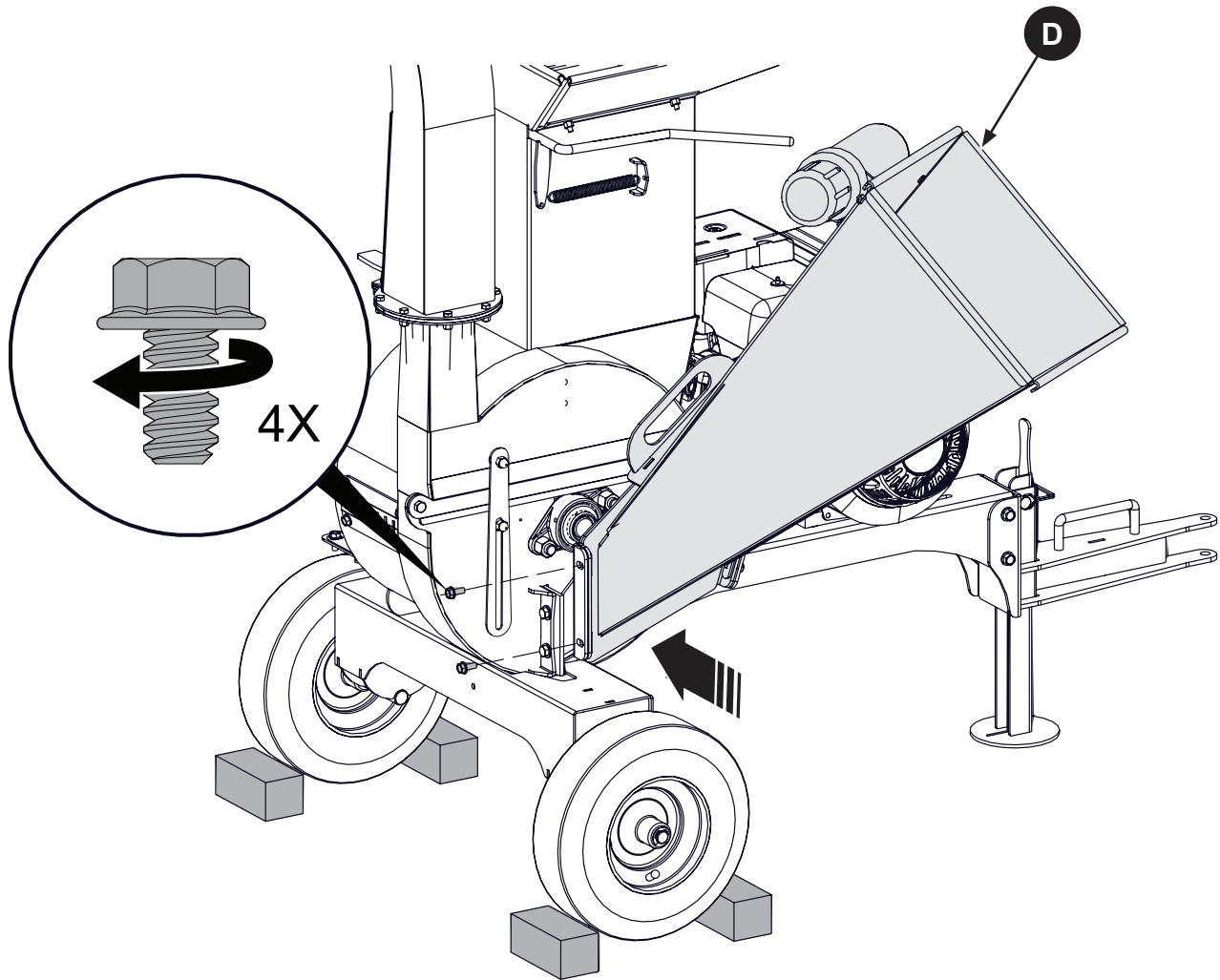
BXMT3209



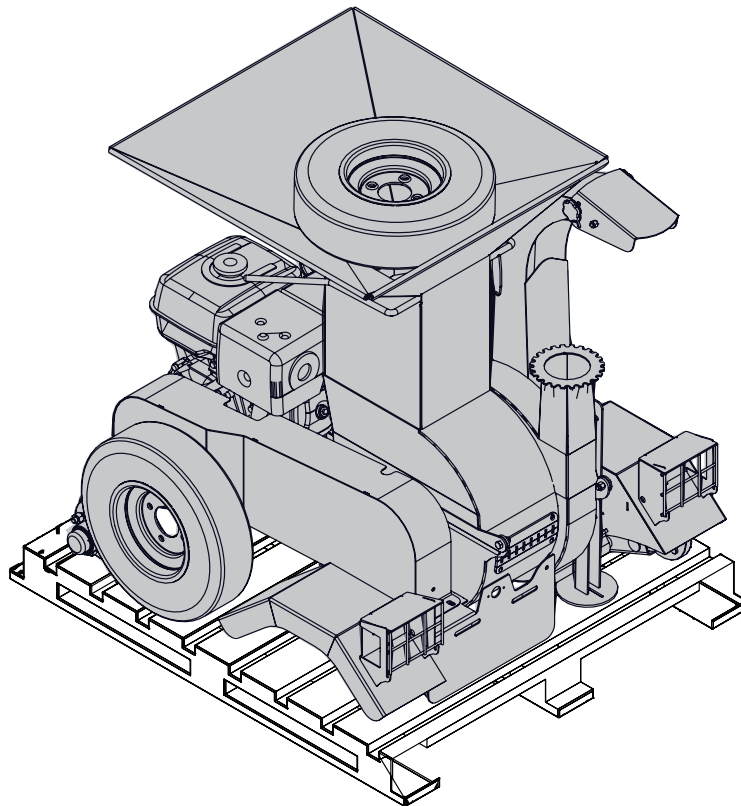
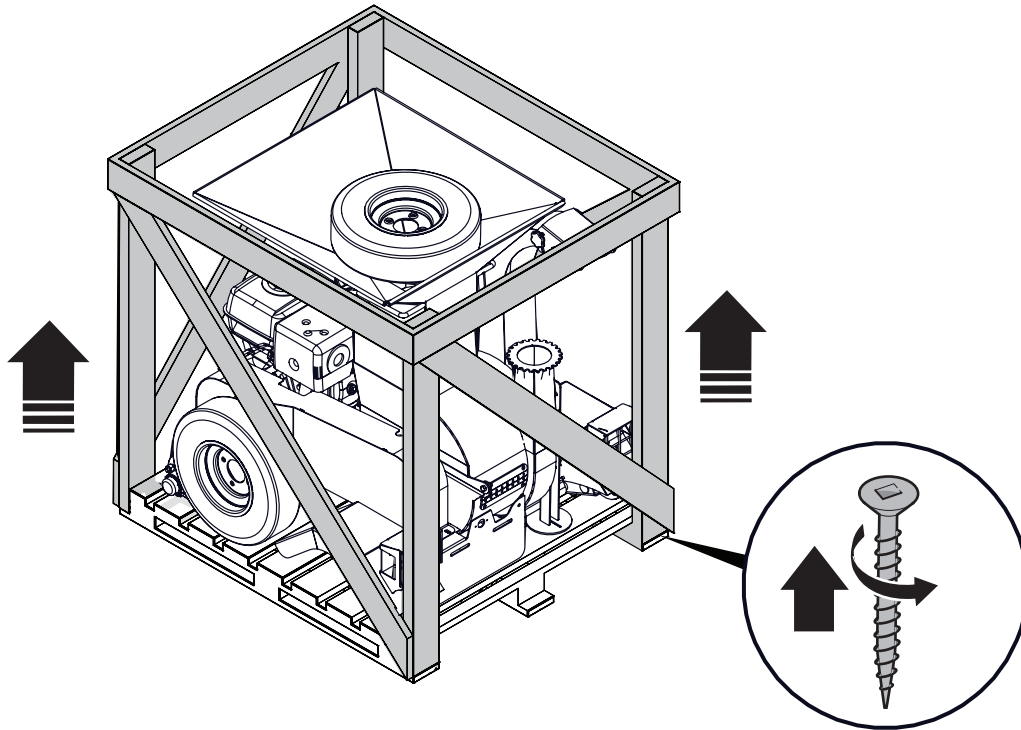




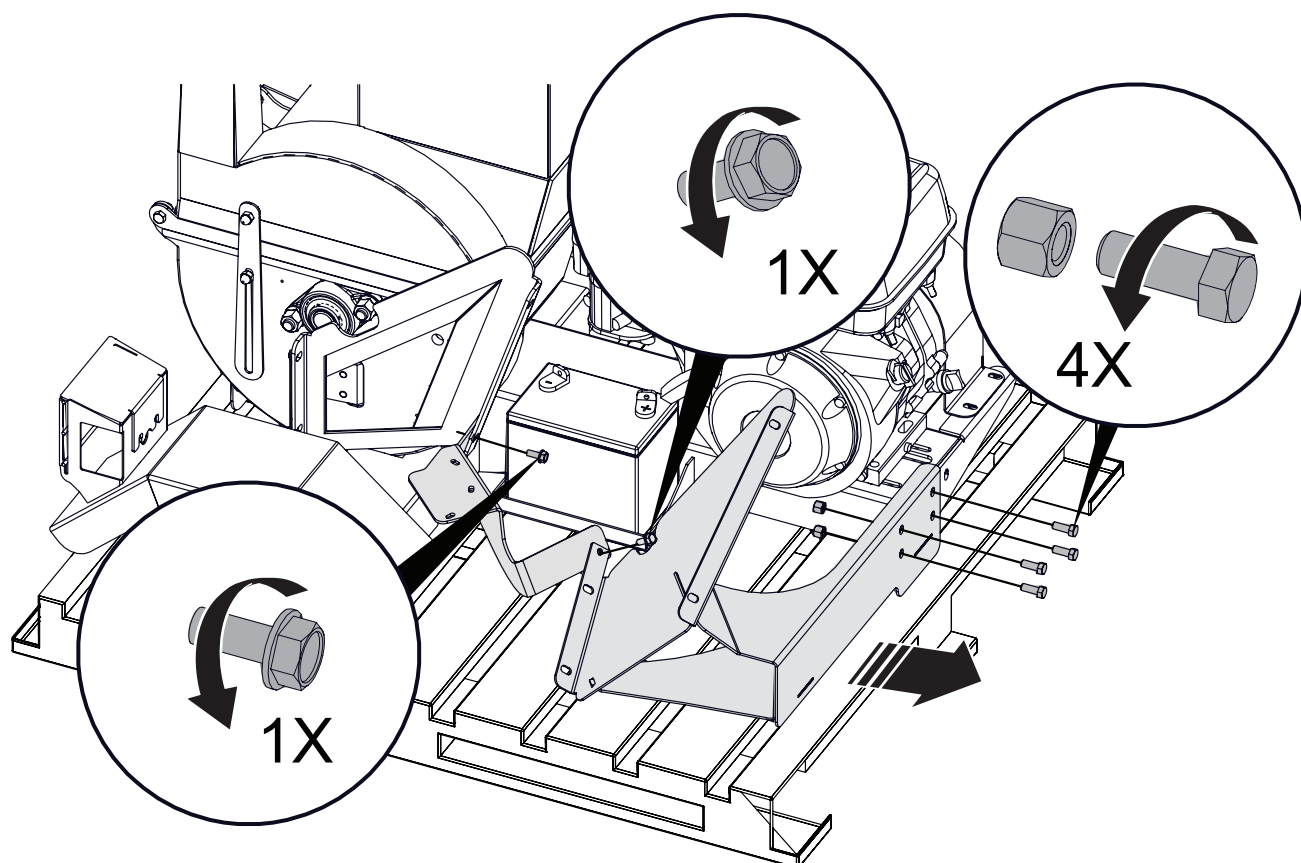


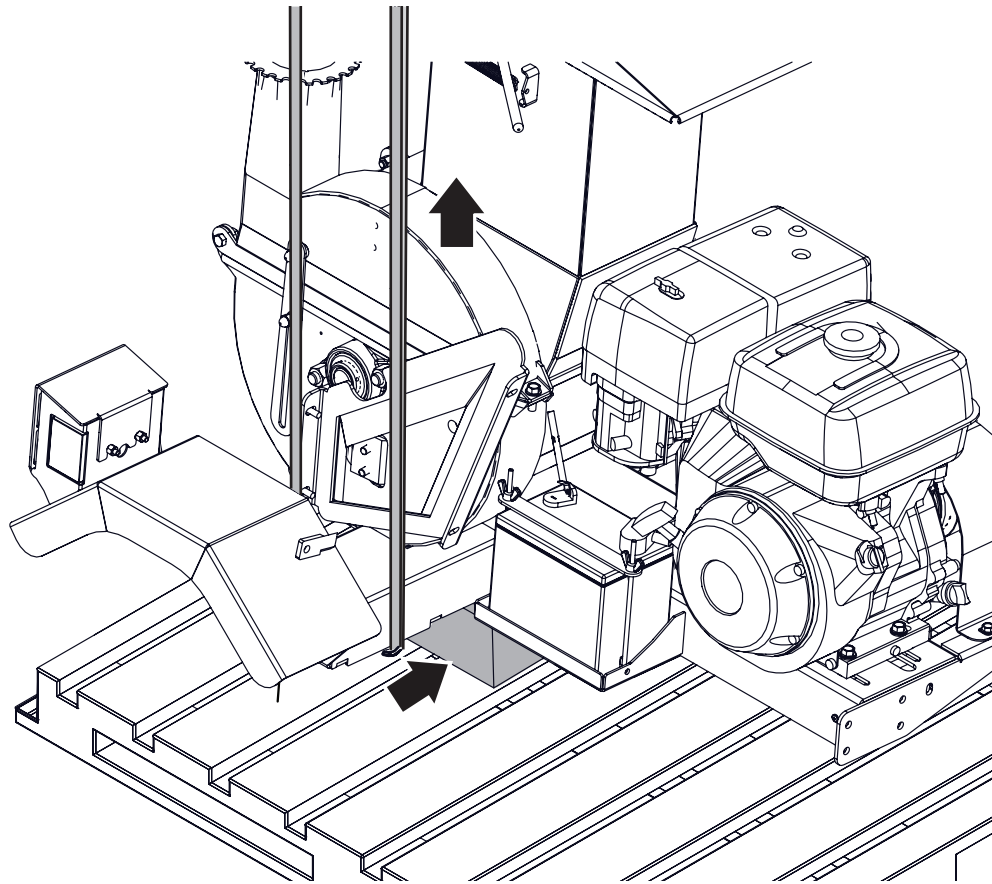


1

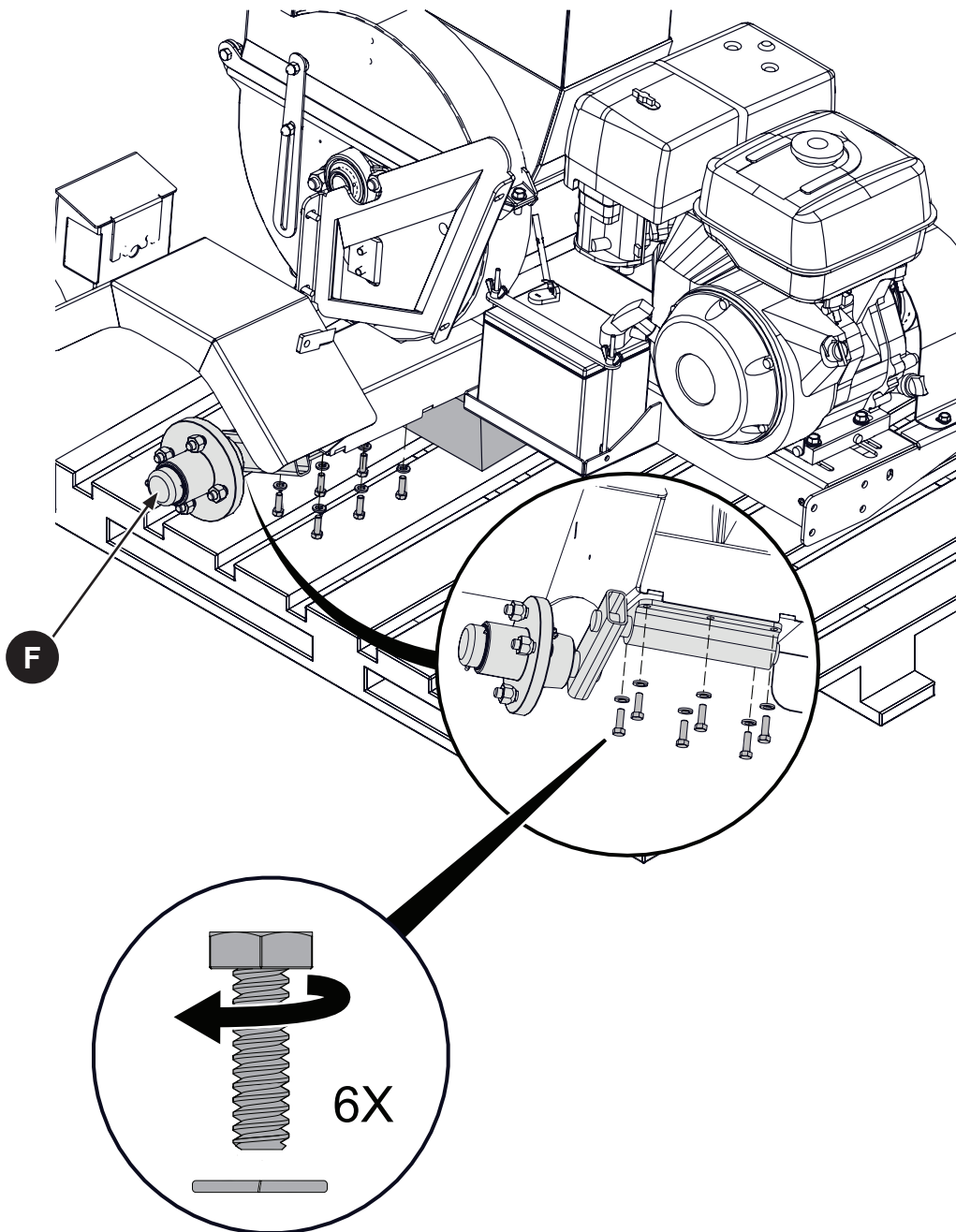
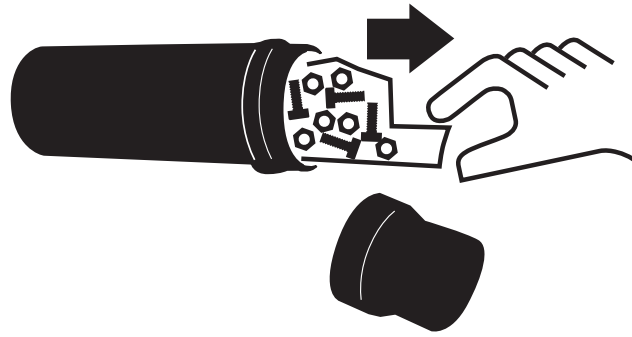


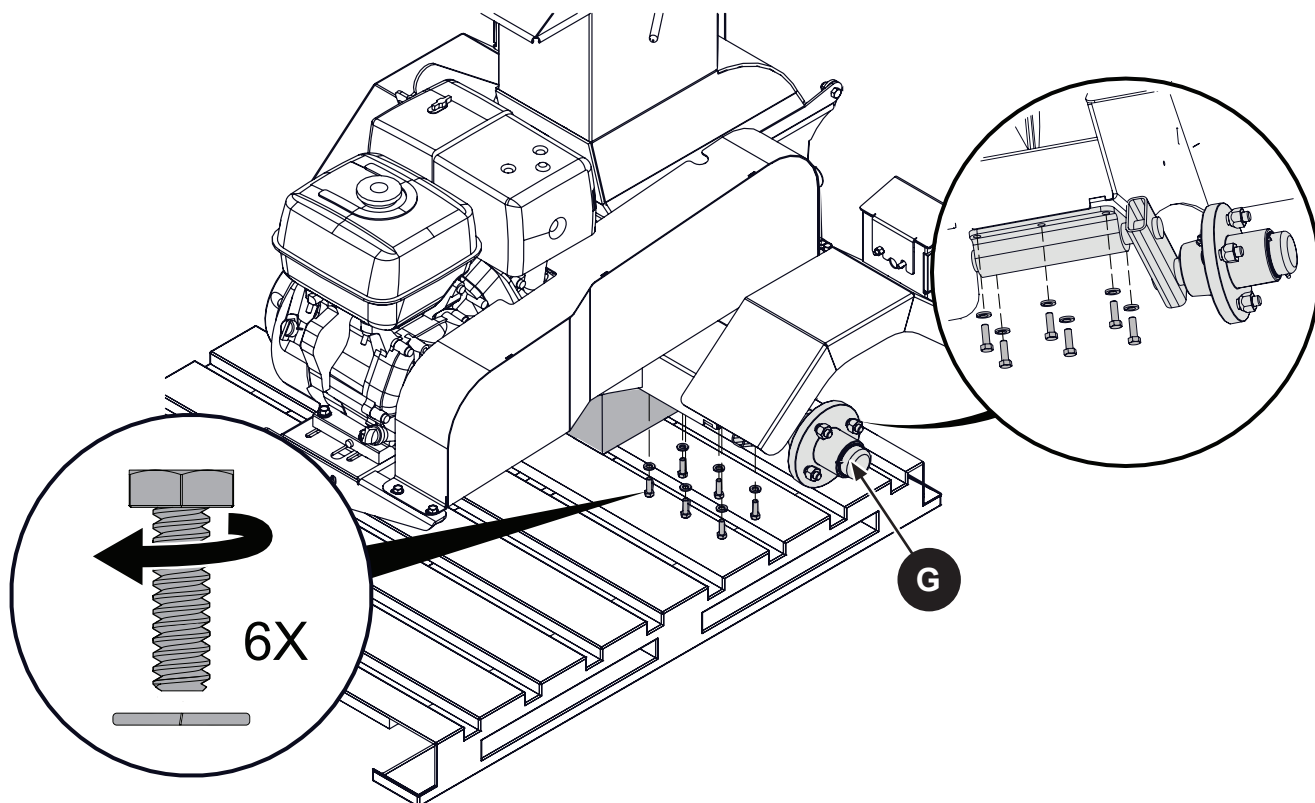


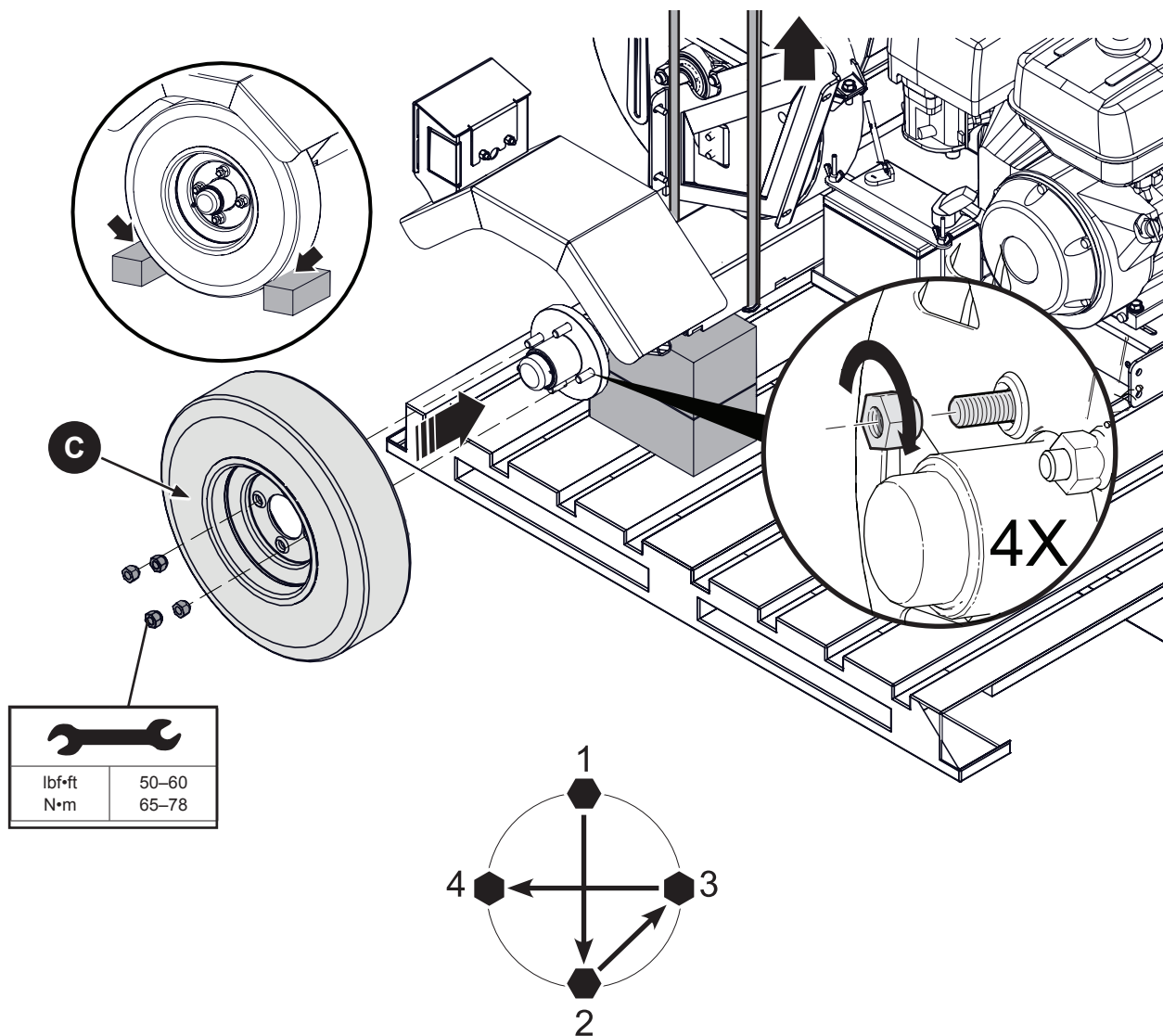


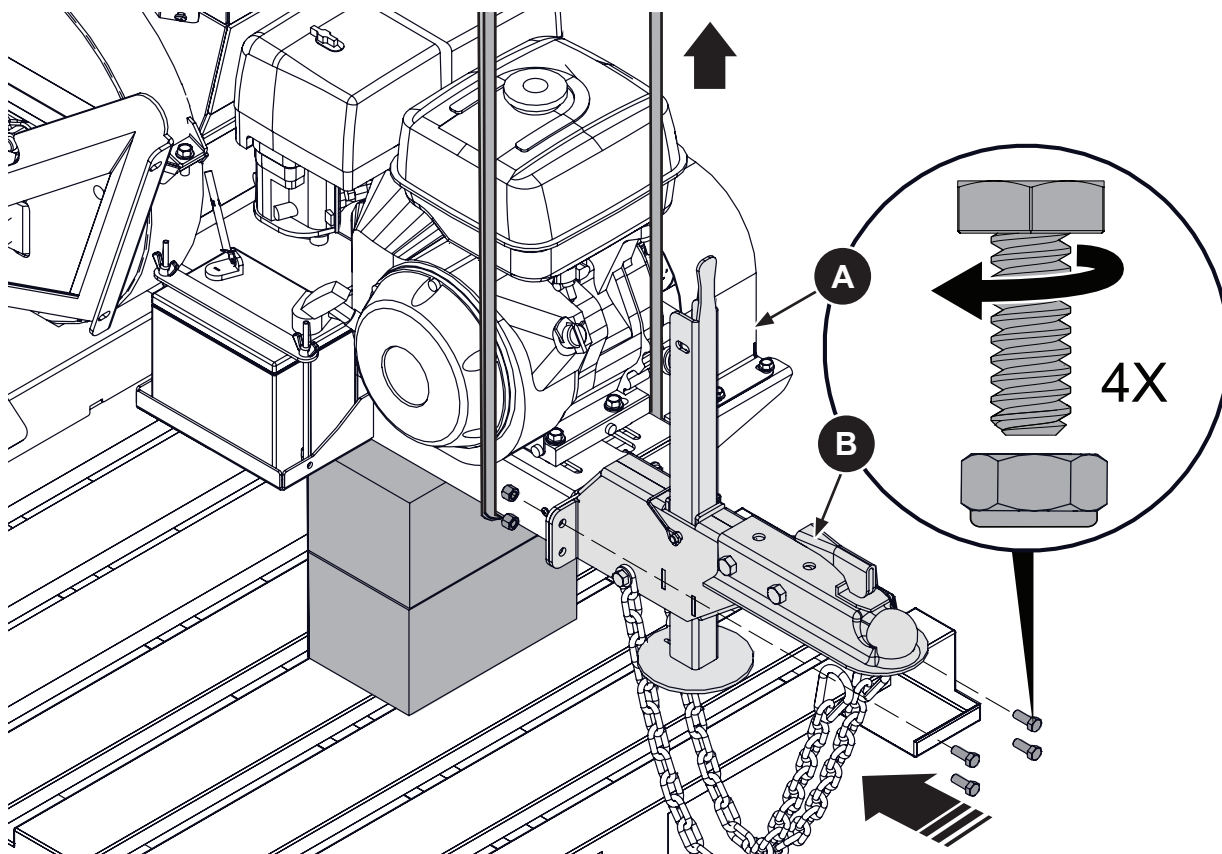


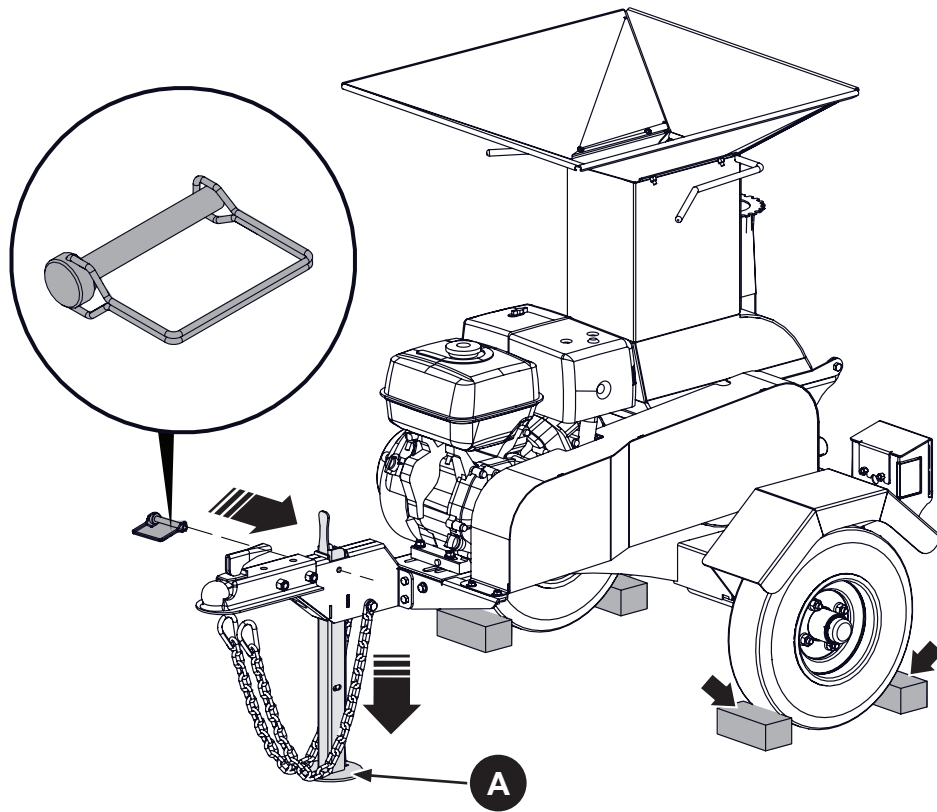
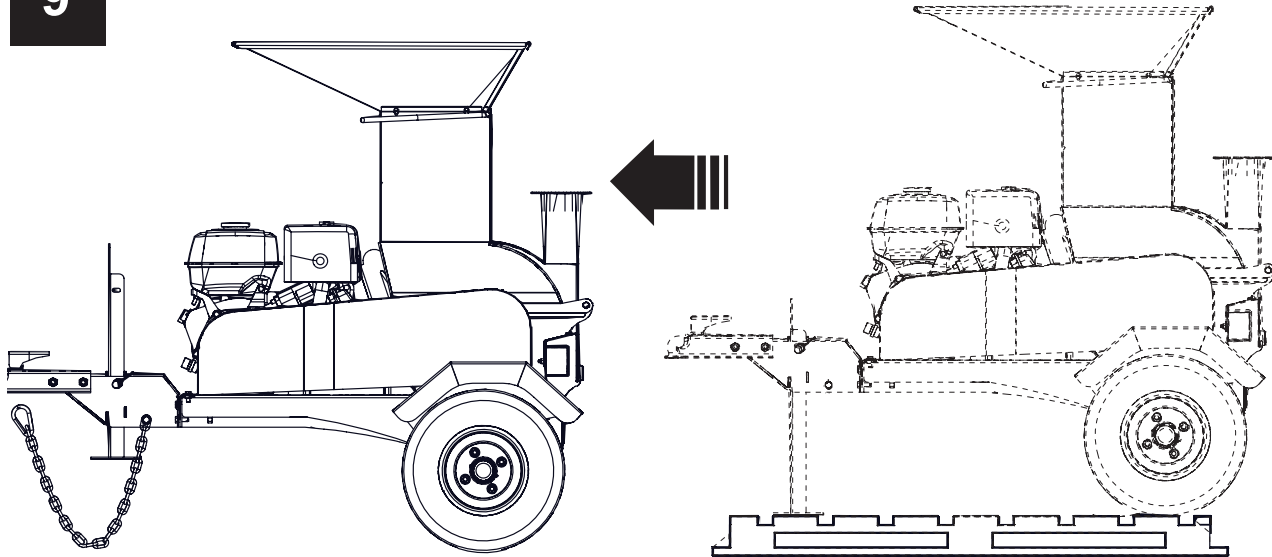
5

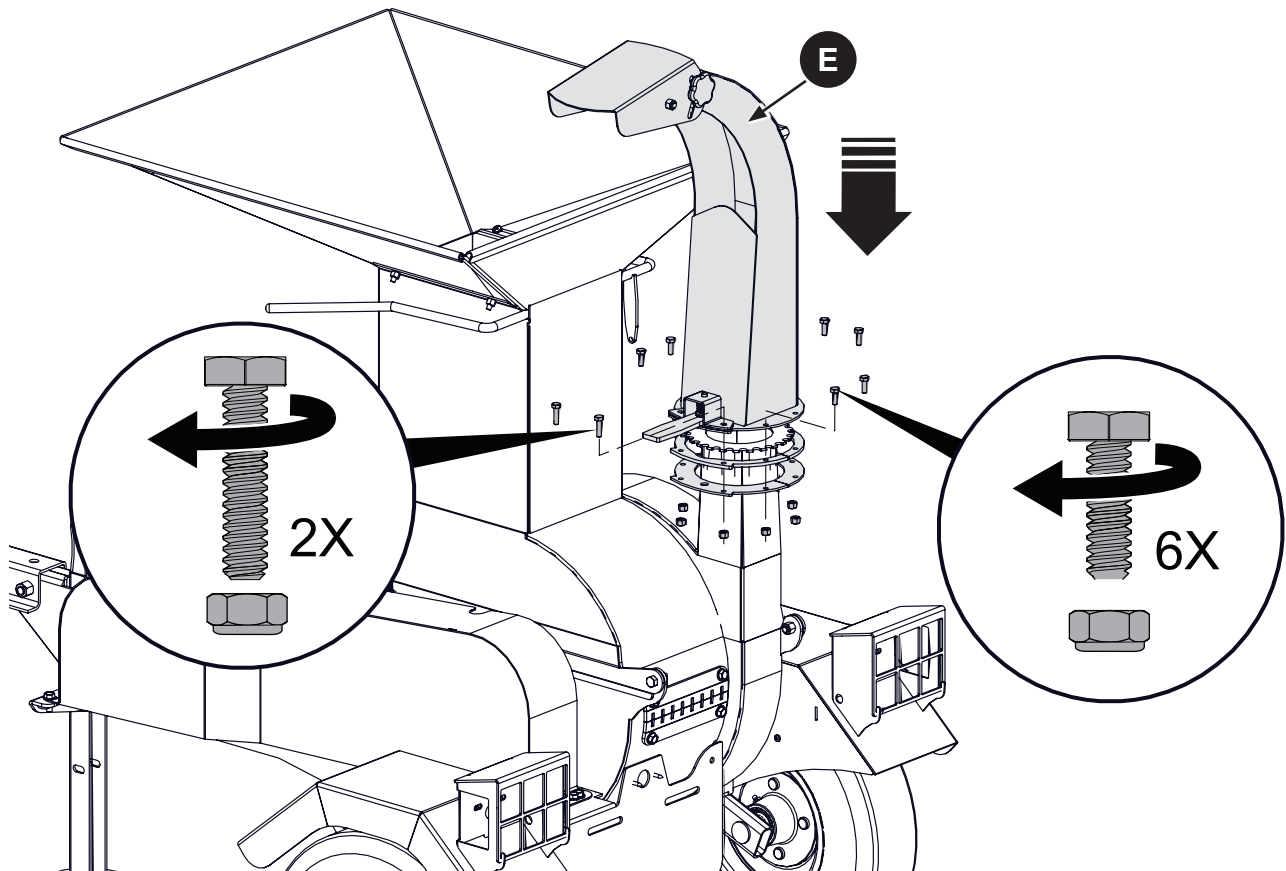


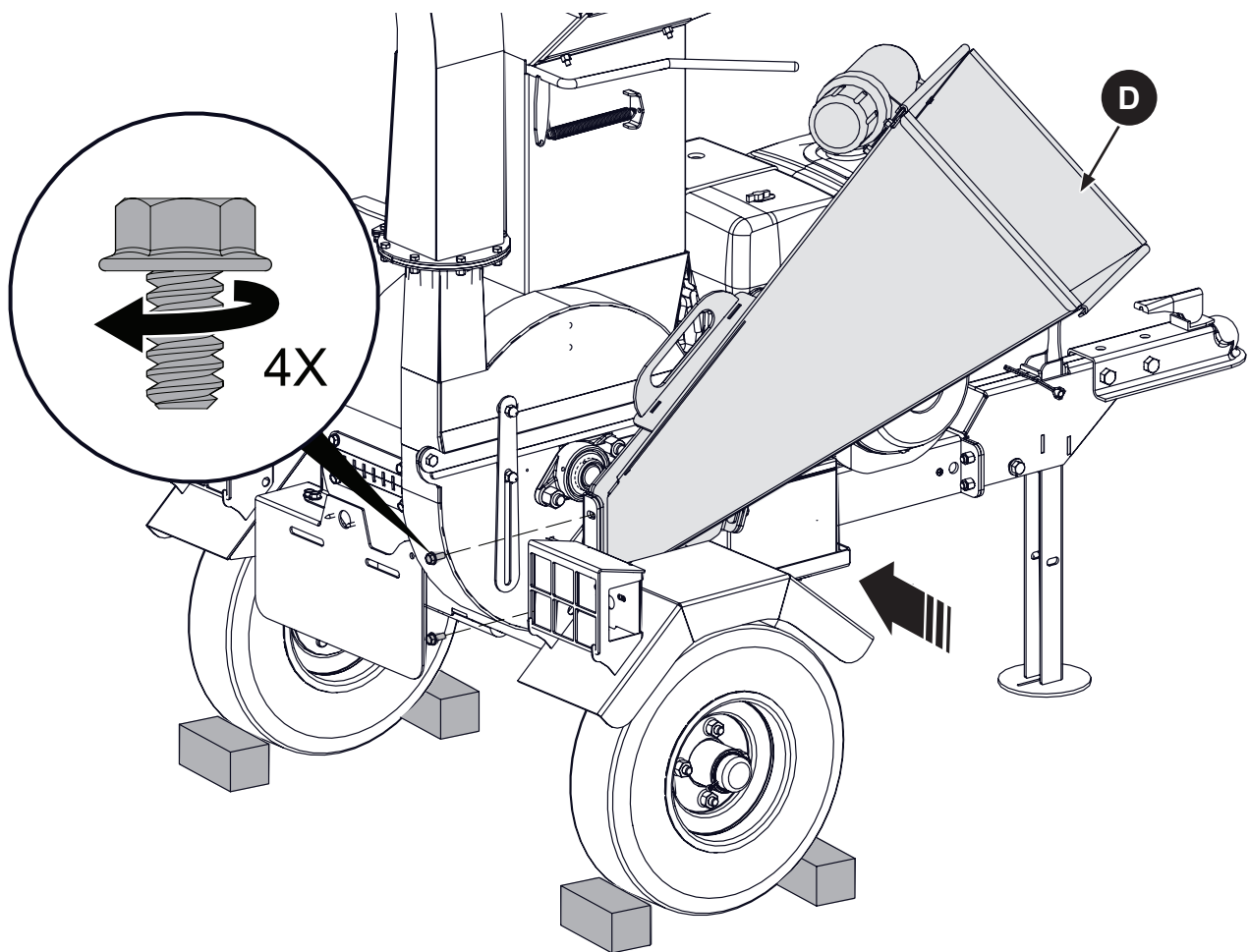




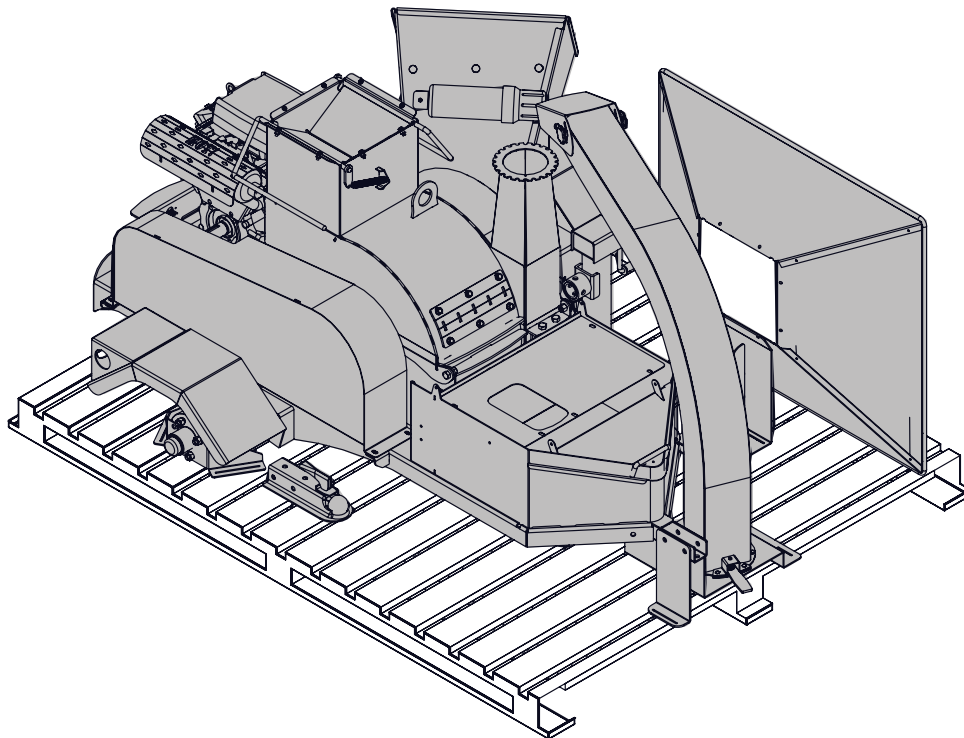
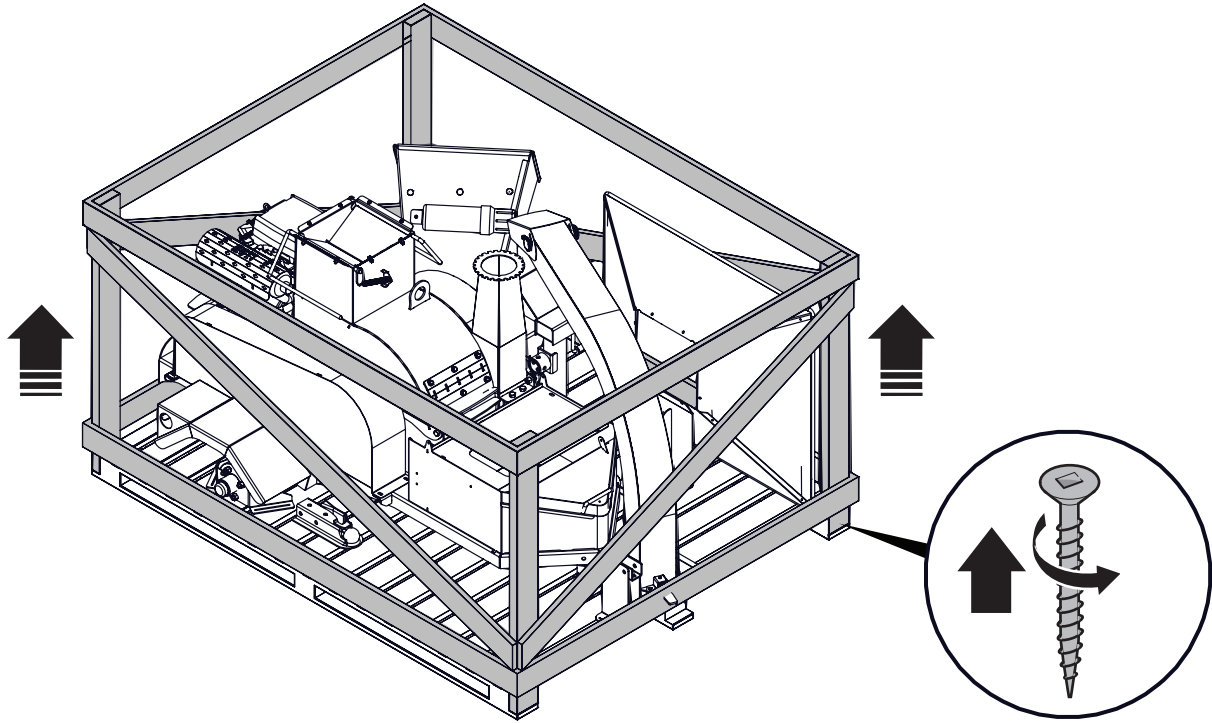






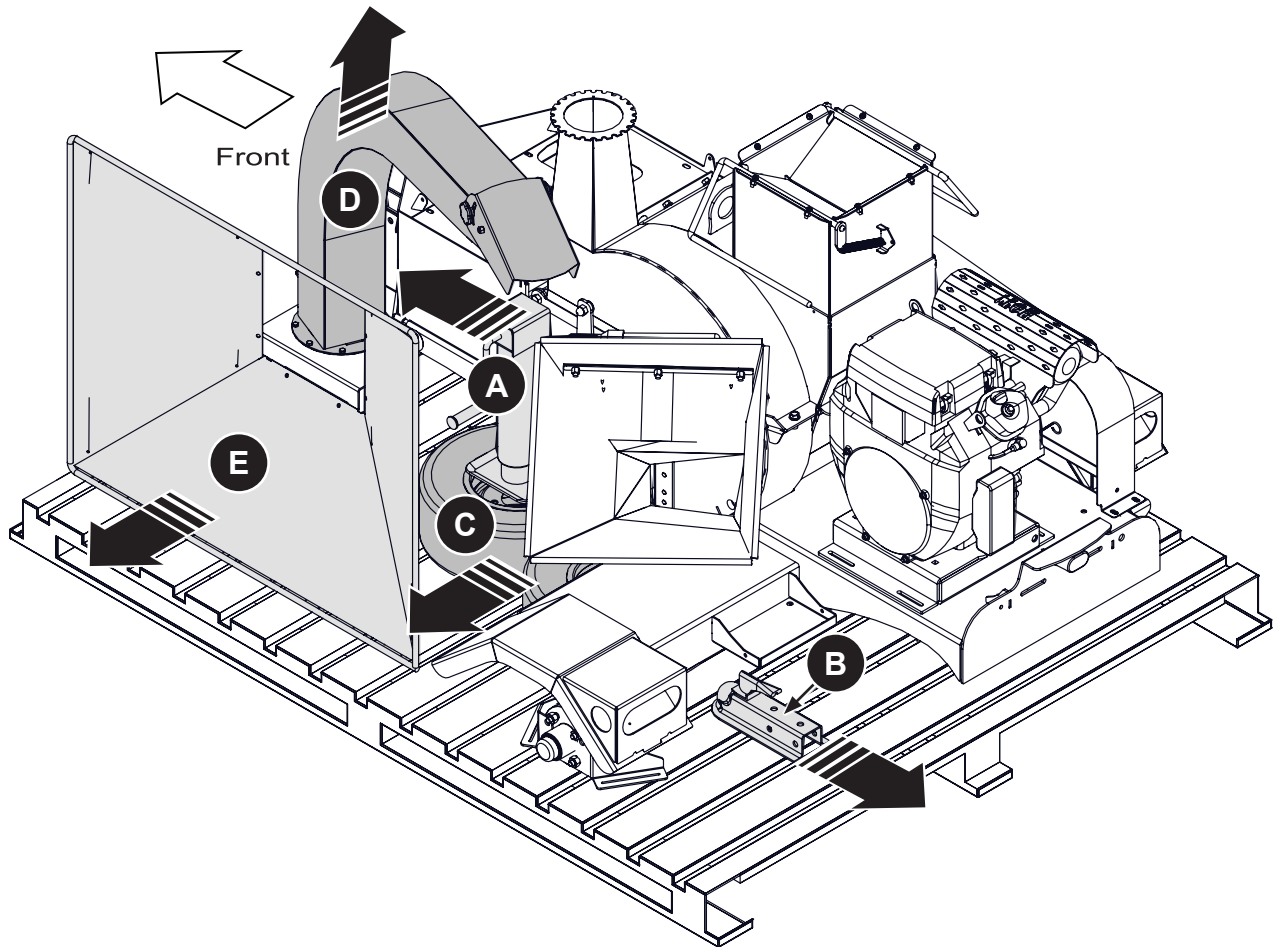


1

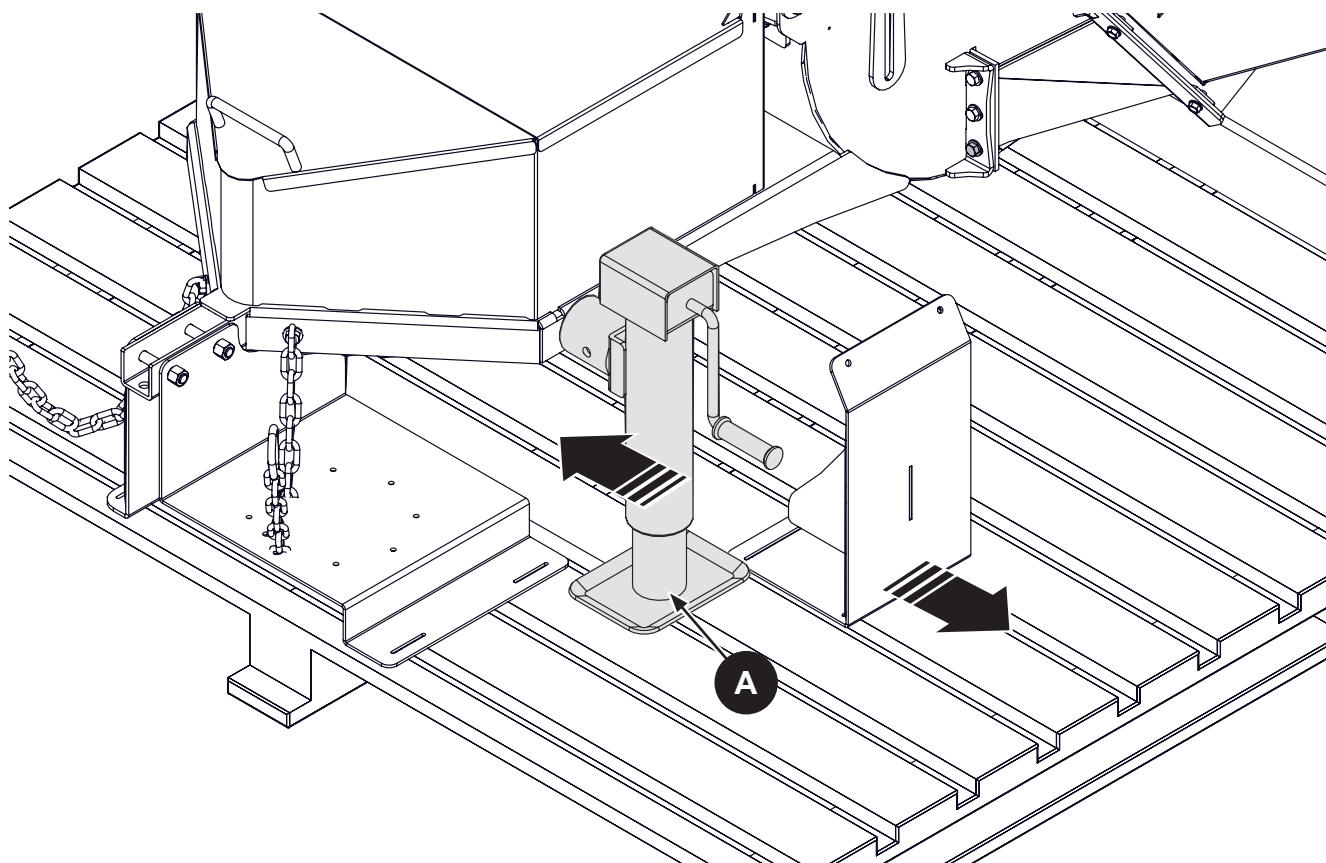


WALLENSTEIN

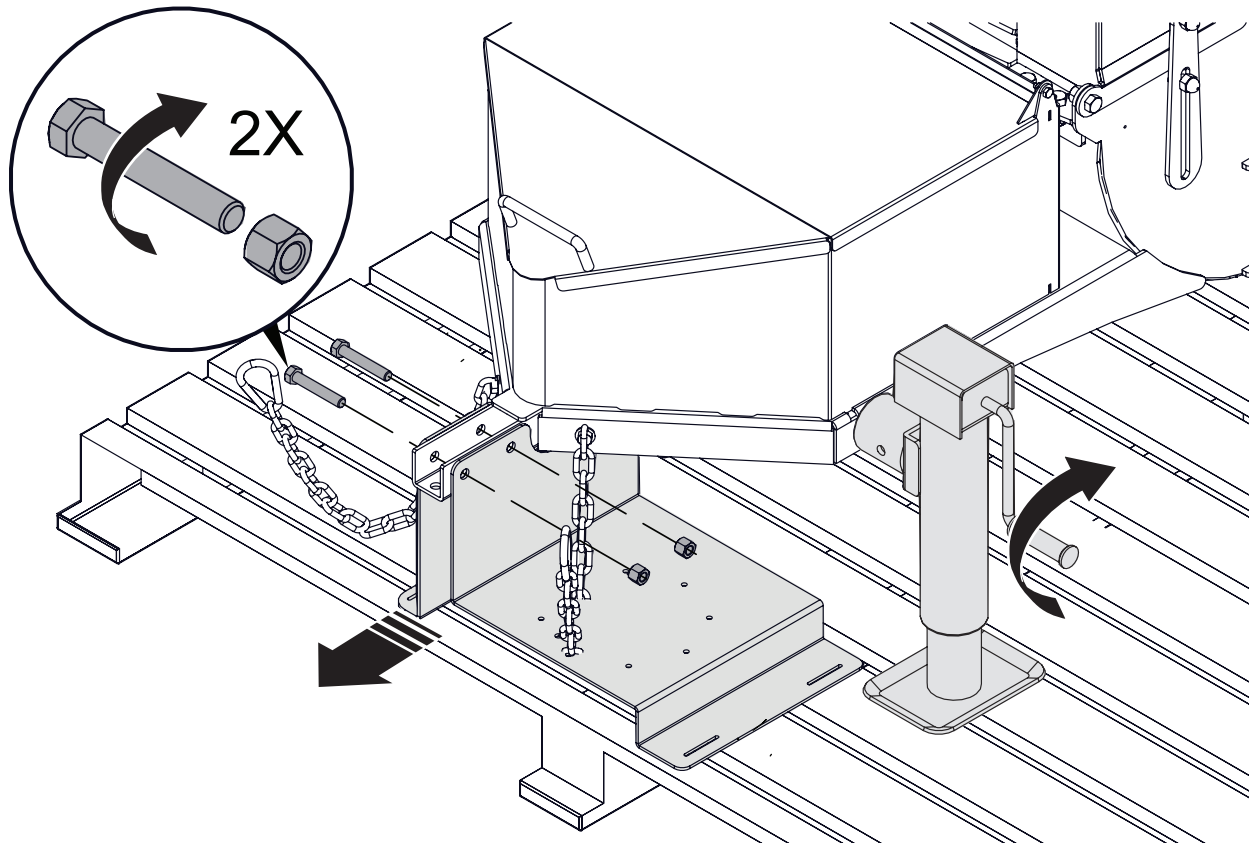
BXMT4224



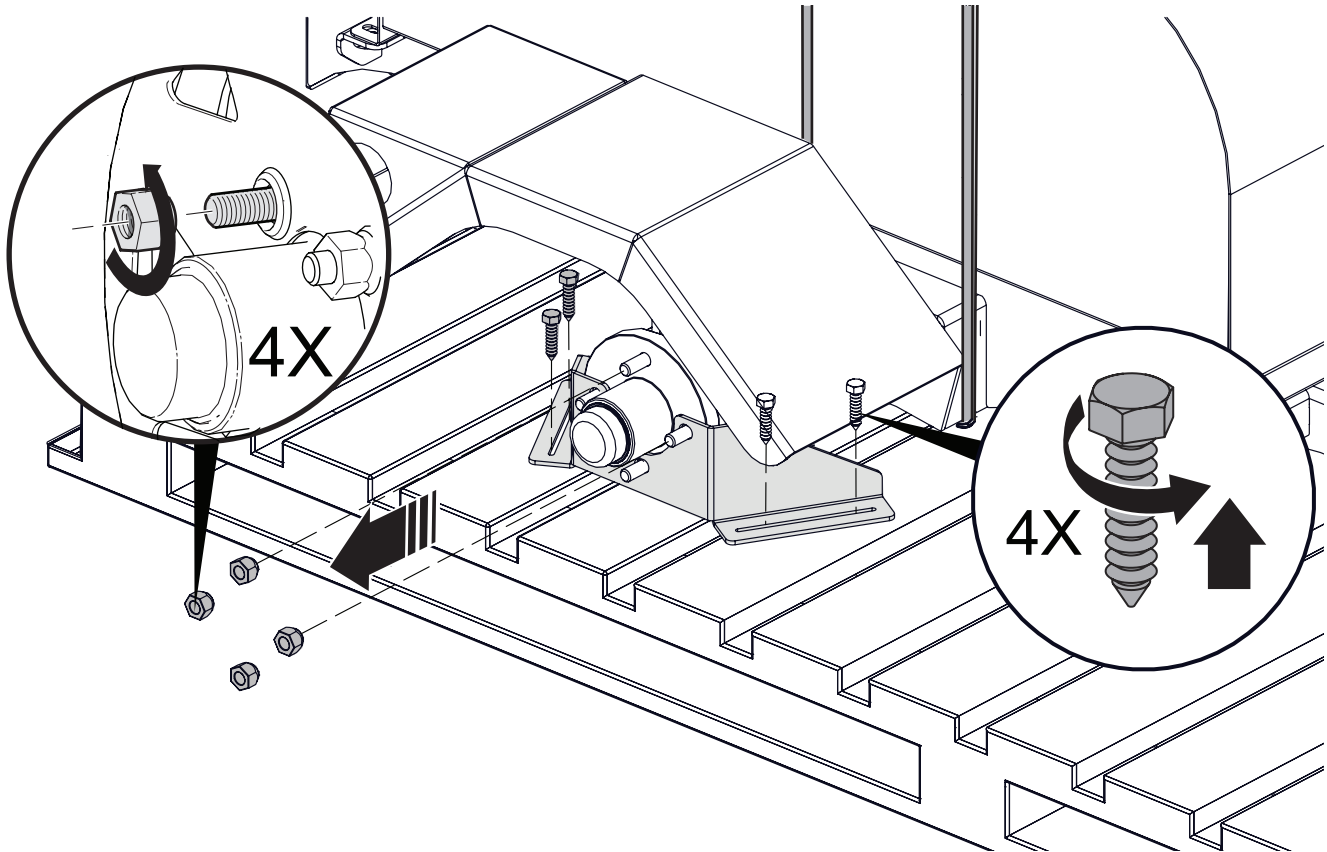
3



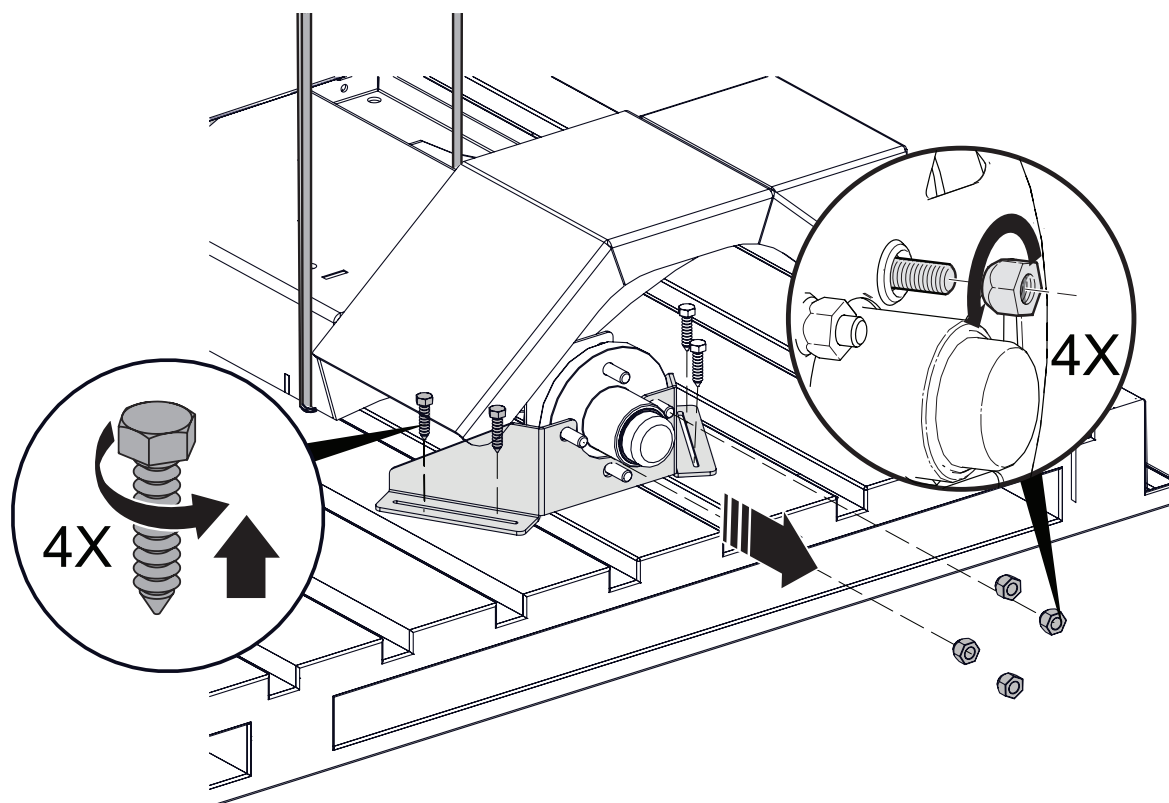
BXMT4224

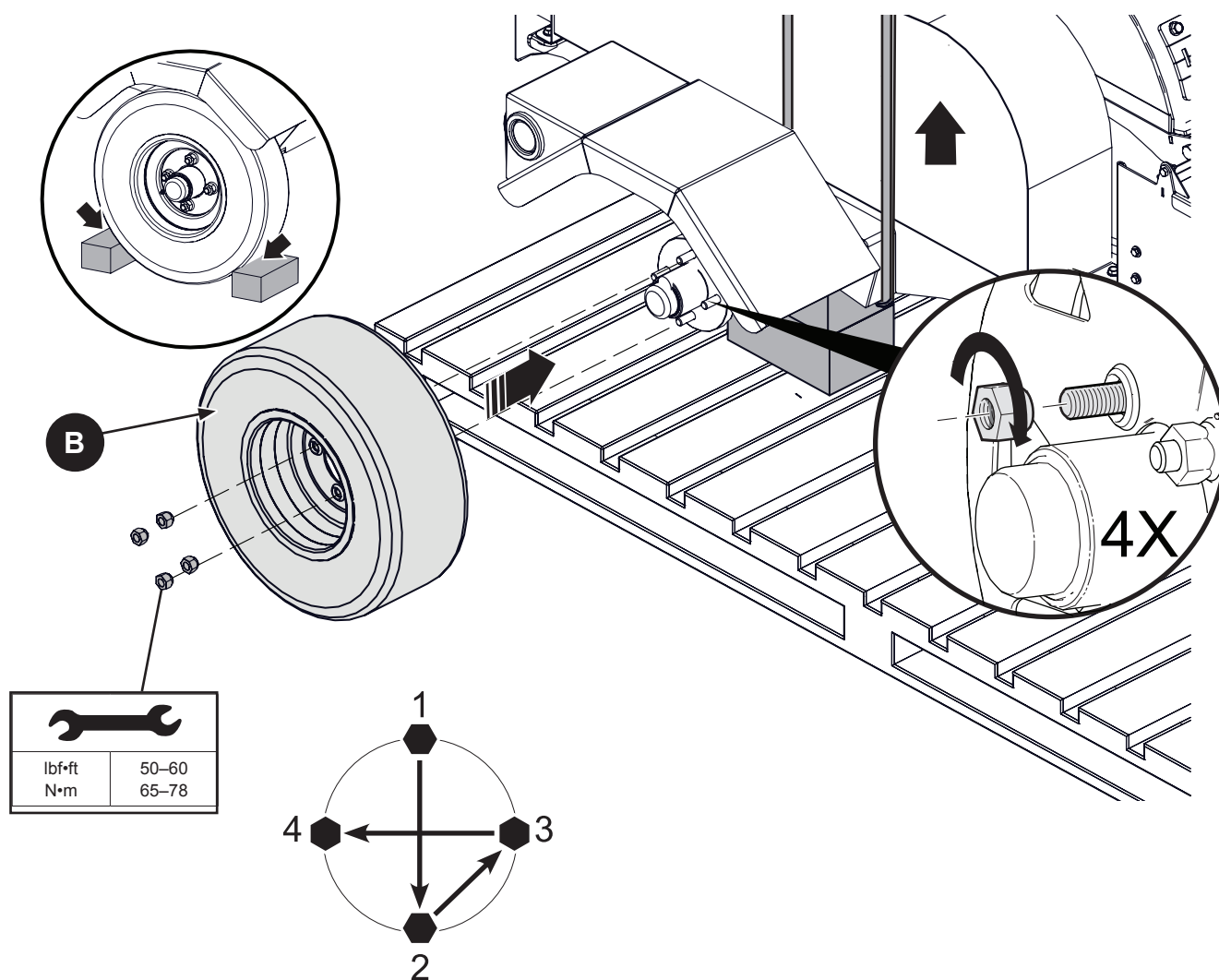


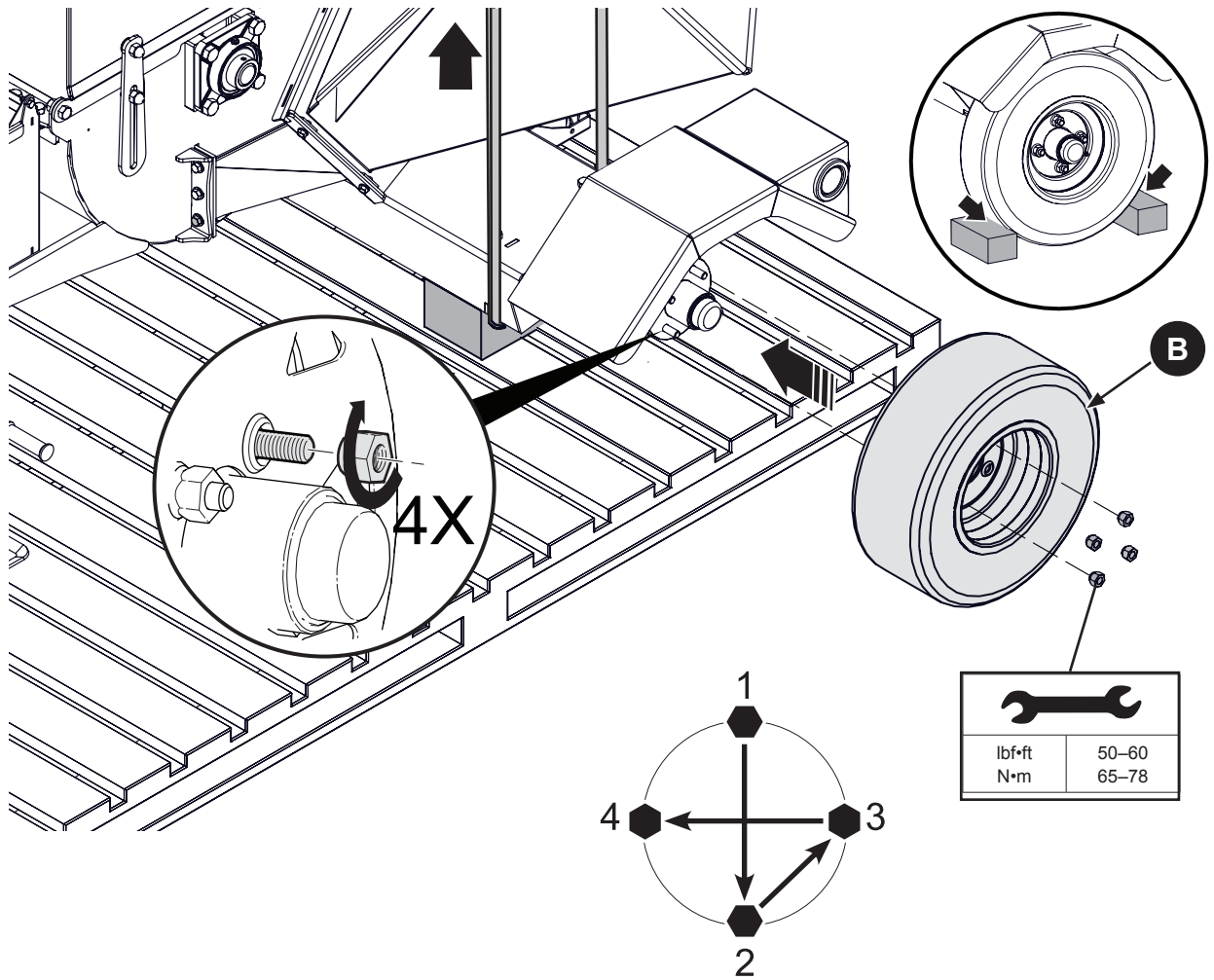
5

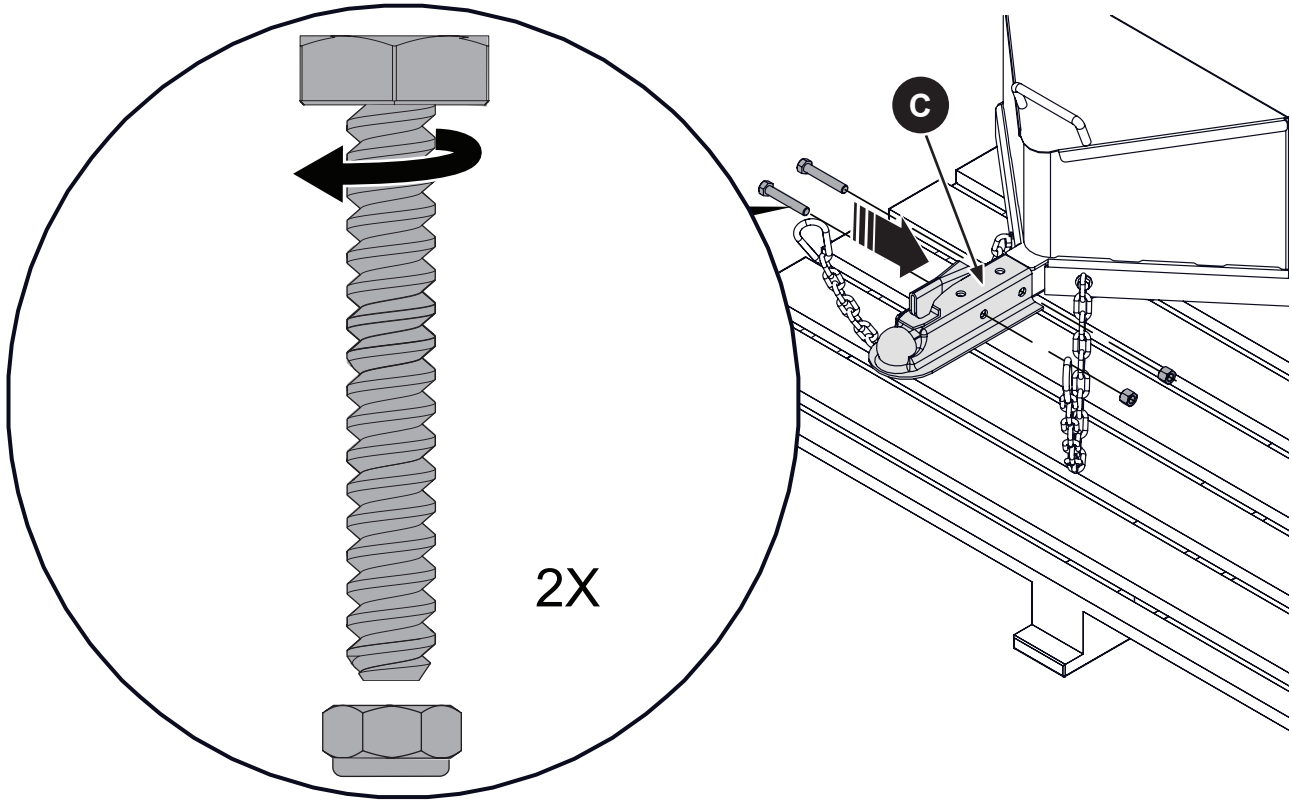


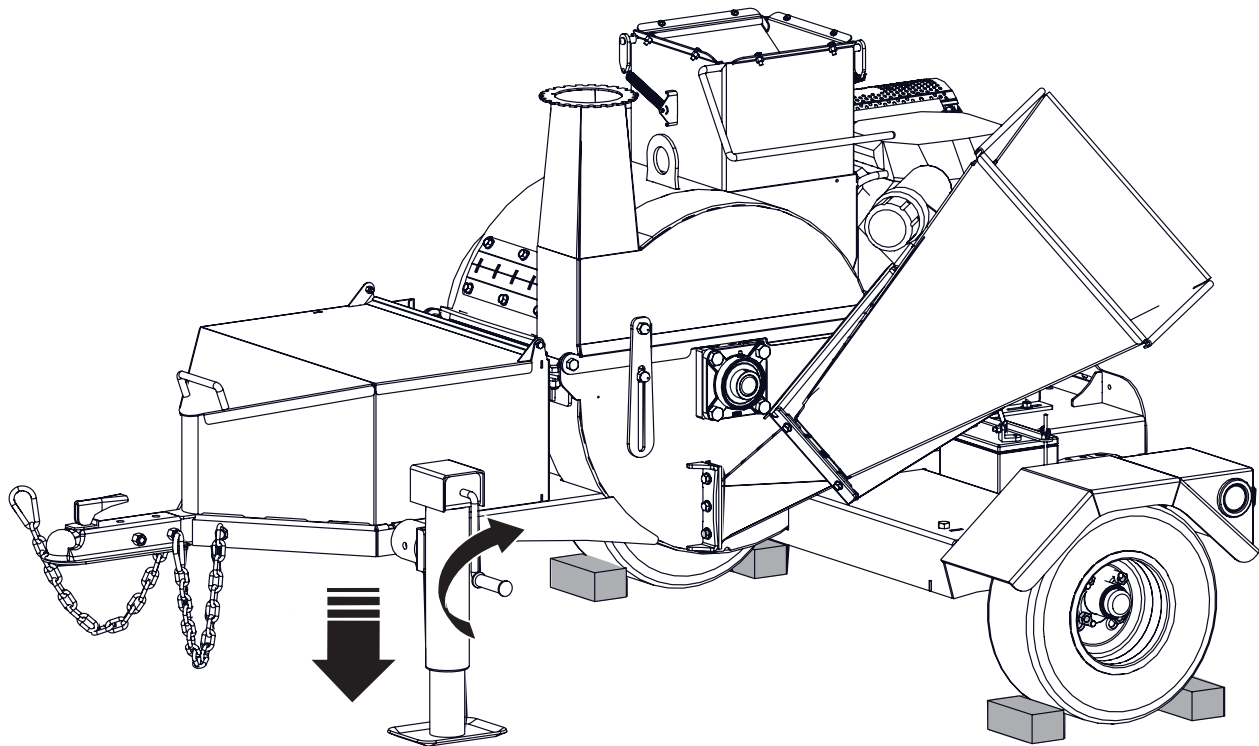
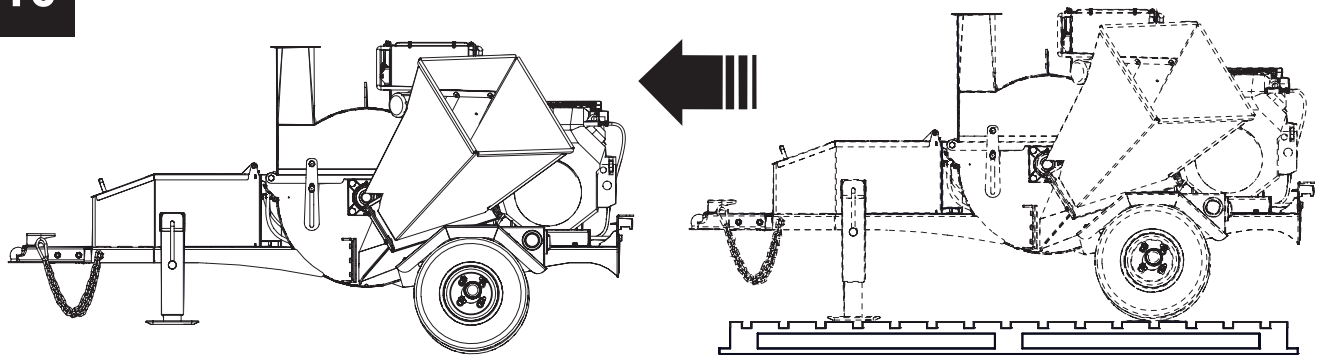
BXMT4224

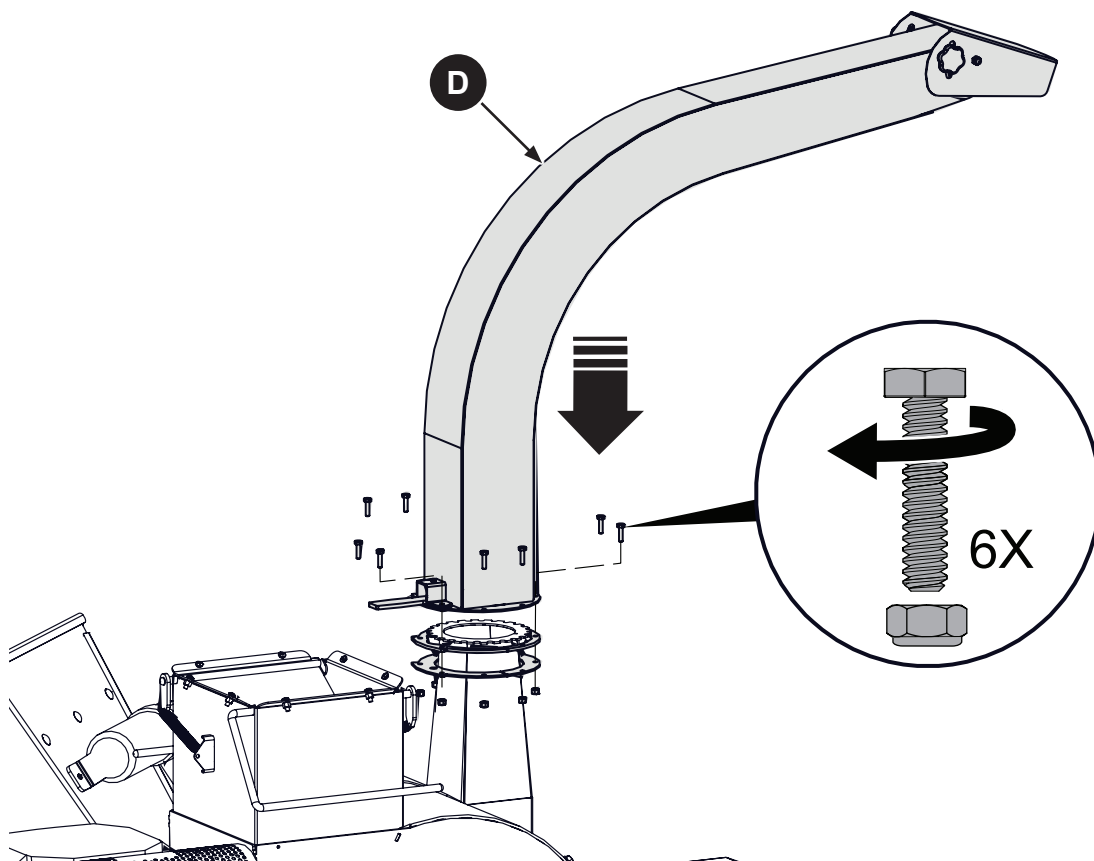


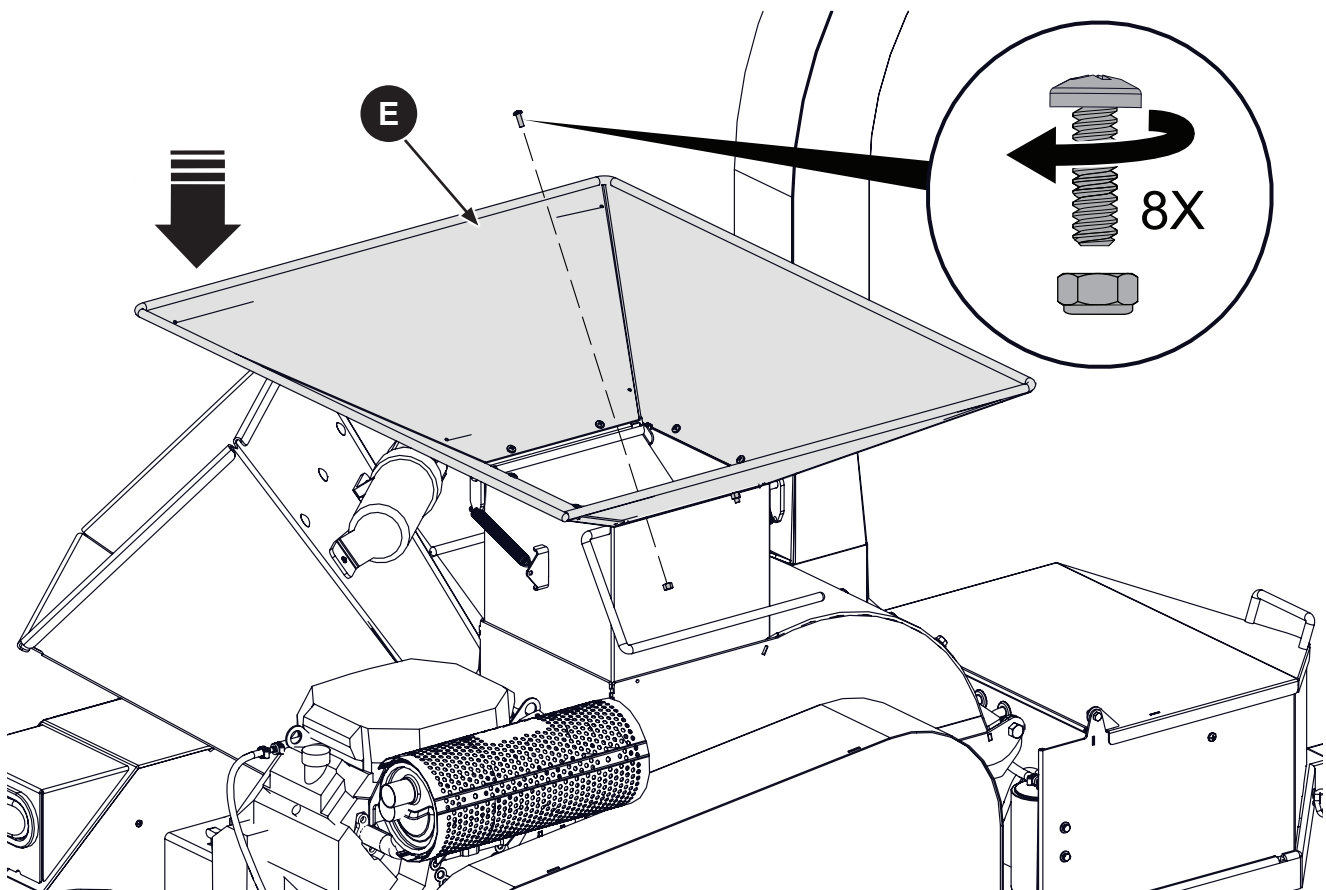


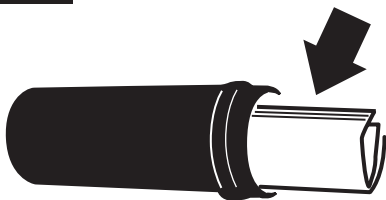












✓	Pre-delivery Inspection
Inspect for damage from shipping. Immediately contact the shipping company if damage is found.	
BXMT Series Wood Chipper-Shredder	
	Check blade clearance and that rotor turns freely
	Check cutting blades and knives
	Check tension and alignment of belt
	Check that all fasteners are tight
	Check tire pressure and inspect wheels
	Check engine and fluid levels
	Check all grease points and lubricate pivot points
	Review operating and safety instructions
Safety Checks	
	All safety decals installed
	Guards and shields installed and secured
	Safety chain on hitch
	Check that retainers are installed through hitch points
	Review operating and safety instructions



Bolt Torque Specifications

Checking Bolt Torque

The tables shown give correct torque values for various bolts and capscrews. Tighten all bolts to the torque values specified in the table, unless indicated otherwise. Check tightness of bolts periodically.

IMPORTANT! If replacing hardware, use fasteners of the same grade.

IMPORTANT! Torque figures indicated in the table are for non-greased or non-oiled threads. Do not grease or oil threads unless indicated otherwise. When using a thread locker, increase torque values by 5%.

Note: Bolt grades are identified by their head markings.

Imperial Bolt Torque Specifications

Bolt Diameter	Torque Value					
	SAE Gr. 2		SAE Gr. 5		SAE Gr. 8	
	lbf•ft	N•m	lbf•ft	N•m	lbf•ft	N•m
1/4"	6	8	9	12	12	17
5/16"	10	13	19	25	27	36
3/8"	20	27	33	45	45	63
7/16"	30	41	53	72	75	100
1/2"	45	61	80	110	115	155
9/16"	60	95	115	155	165	220
5/8"	95	128	160	215	220	305
3/4"	165	225	290	390	400	540
7/8"	170	230	420	570	650	880
1"	225	345	630	850	970	1320



SAE Gr. 2



SAE Gr. 5



SAE Gr. 8

Metric Bolt Torque Specifications

Bolt Diameter	Torque Value			
	Gr. 8.8		Gr. 10.9	
	lbf•ft	N•m	lbf•ft	N•m
M3	0.4	0.5	1.3	1.8
M4	2.2	3	3.3	4.5
M6	7	10	11	15
M8	18	25	26	35
M10	37	50	52	70
M12	66	90	92	125
M16	166	225	229	310
M20	321	435	450	610
M30	1,103	1 495	1,550	2 100
M36	1,917	2 600	2,700	3 675



8.8



10.9

Wheel Lug Torque

It is an extremely important safety procedure to apply and maintain proper wheel mounting torque on your trailer axle. Torque wrenches are the best method to assure the proper amount of torque is being applied to a fastener.

Wheel lugs should be torqued before first road use and after each wheel removal. Check and re torque after the first 10 miles (16 km), 25 miles (40 km), and again at 50 miles (80 km). Check periodically thereafter.



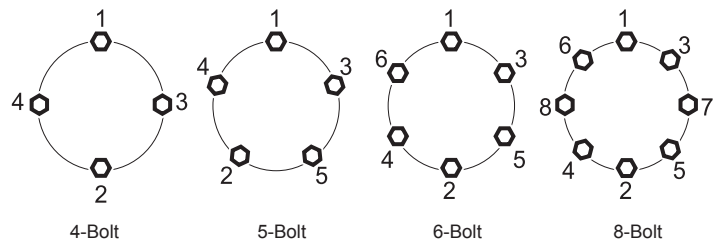
WARNING!

Wheel lug nuts must be installed and kept at the proper torque value to prevent loose wheels, broken studs, or possible separation of wheels from axle.

- Start all lug nuts onto the threads by hand.
- Tighten lug nuts in stages, following the pattern shown in the Wheel Lug Nut Torque table.

Wheel Lug Nut Torque				
Wheel Size	Units	1st Stage	2nd Stage	3rd Stage
8"	lb•ft N•m	12–20 16–26	30–35 39–45.5	45–55 58.5–71.5
12"	lb•ft N•m	20–25 26–32.5	35–40 45.5–52	50–60 65–78
13"	lb•ft N•m	20–25 26–32.5	35–40 45.5–52	50–60 65–78
14"	lb•ft N•m	20–25 26–32.5	50–60 65–78	90–120 117–156
15"	lb•ft N•m	20–25 26–32.5	50–60 65–78	90–120 117–156
16"	lb•ft N•m	20–25 26–32.5	50–60 65–78	90–120 117–156

Wheel Lug Torque Pattern

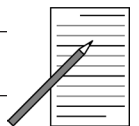




Two horizontal lines for a header or title.

Twenty horizontal lines for the main body of the page, providing space for writing.

Blank lined paper for writing.



Couple appliqué sur les écrous

de roue

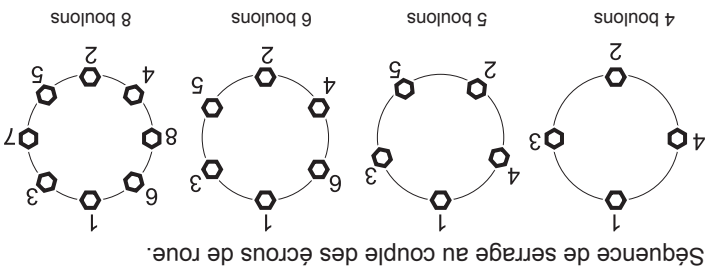


Des écrous de roue desserrés peuvent se traduire par la rupture de goujons, et la roue risque alors de sortir du moyen de l'essieu. Gardez les écrous de roue serrés au couple selon les indications.

Le maintien d'un couple approprié sur les écrous de roue de l'essieu de votre remorque est une mesure de sécurité extrêmement importante. Utilisez toujours une clé dynamométrique correctement calibrée.

Serrez au couple les écrous de roue avant la première utilisation sur la route et chaque fois qu'une roue a été enlevée. Vérifiez et resserrerz au couple au bout des 10 premiers milles (16 km), 25 mi (40 km), et encore après 50 mi (80 km). Vérifiez périodiquement par la suite.

- Serrez d'abord tous les écrous à la main pour ne pas fausser le filetage.
- Serrez les écrous de roue en suivant la séquence de serrage au couple des écrous de roue. Serrez chaque ensemble d'écrous de roue par étapes, comme indiqué.



Couple appliqué sur les écrous de roue				
Dimensions des roues	Unités	1 ^{er} stade	2 ^e stade	3 ^e stade
8 po	lb•pi N•m	12-20 16-26	30-35 39-45,5	45-55 58,5-71,5
12 po	lb•pi N•m	20-25 26-32,5	35-40 45,5-52	50-60 65-78
13 po	lb•pi N•m	20-25 26-32,5	35-40 45,5-52	50-60 65-78
14 po	lb•pi N•m	20-25 26-32,5	50-60 65-78	90-120 117-156
15 po	lb•pi N•m	20-25 26-32,5	50-60 65-78	90-120 117-156
16 po	lb•pi N•m	20-25 26-32,5	50-60 65-78	90-120 117-156

Couple appliqué sur les boulons

Vérification du couple appliqué sur les boulons

Les tableaux figurant ci-dessous donnent les valeurs correctes de couple pour divers boulons et vis de blocage. Serrez tous les boulons selon le couple spécifié dans le tableau, sauf mention contraire. Vérifiez de temps à autre que les boulons sont bien serrés.

IMPORTANT! Si vous remplacez de la même quincaillerie, utilisez des fixations de la même catégorie.

IMPORTANT! Les valeurs de couple de serrage indiquées dans le tableau s'appliquent aux filets non graissés et non huilés. Ne pas graisser ou huiler les filets, sauf mention contraire. Lorsque vous utilisez un enduit frein pour filets, augmentez la valeur de couple de 5 %.

Remarque : Les catégories des boulons sont indiquées sur leur tête.

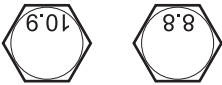
Spécifications relatives au couple de serrage des boulons en unités impériales

Diamètre du boulon		SAE Gr. 2		SAE Gr. 5	SAE Gr. 8	
		lb•pi	N•m	lb•pi	N•m	lb•pi
1/4 po	6	8	9	12	12	17
5/16 po	10	13	19	25	27	36
3/8 po	20	27	33	45	45	63
7/16 po	30	41	53	72	75	100
1/2 po	45	61	80	110	115	155
9/16 po	60	95	115	155	165	220
5/8 po	95	128	160	215	220	305
3/4 po	165	225	290	390	400	540
7/8 po	170	230	420	570	650	880
1 po	225	345	630	850	970	1 320



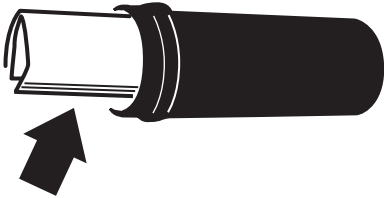
Spécifications relatives au couple de serrage des boulons en unités métriques

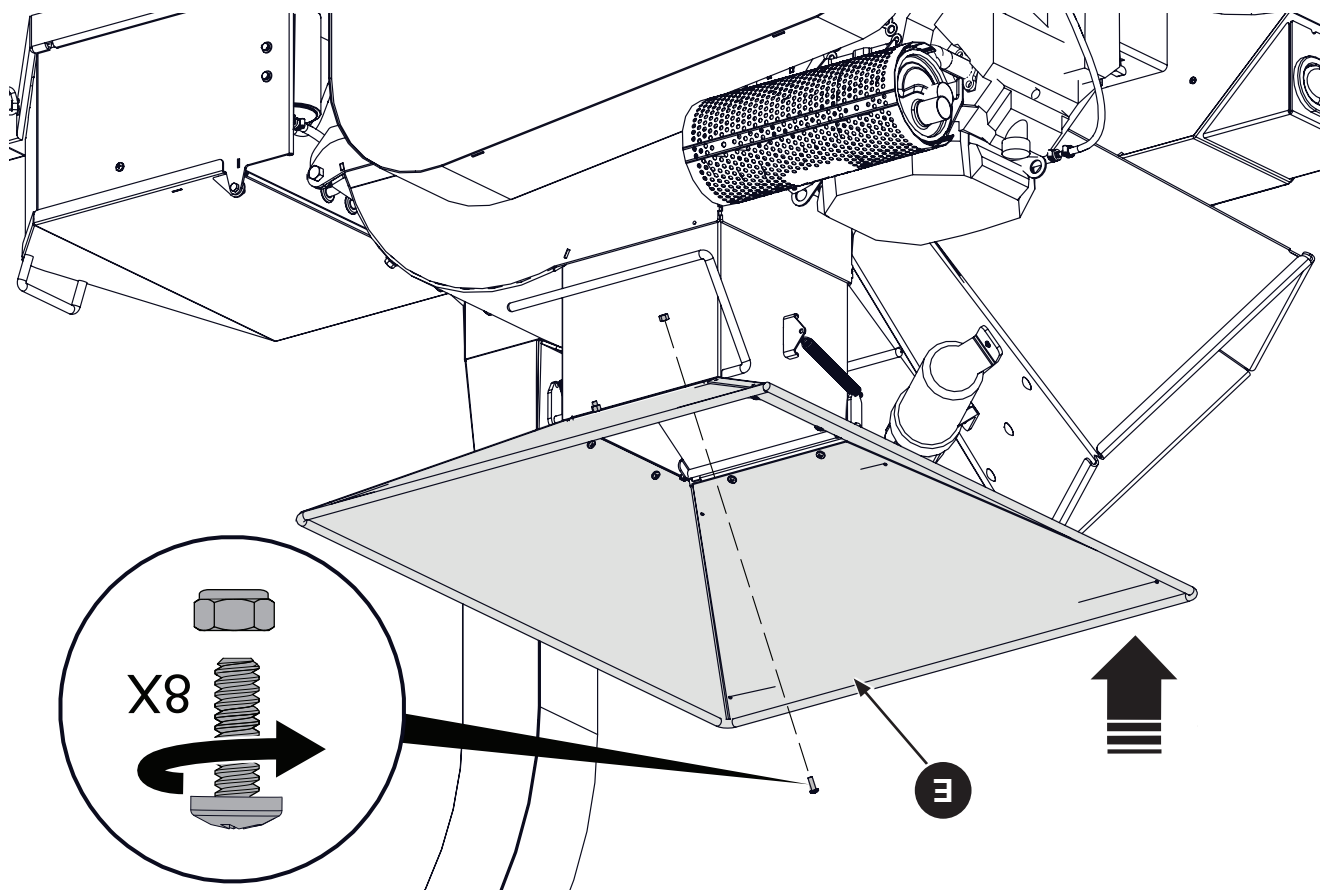
Diamètre du boulon		Gr. 8,8		Gr. 10,9	Couple de serrage	
		lb•pi	N•m	lb•pi	N•m	
M3	0,4	0,5	1,3	1,8	4,5	
M4	2,2	3	3,3	4,5	15	
M6	7	10	11	35	70	
M8	18	25	26	125	310	
M10	37	50	52	610	2 100	
M12	66	90	92	2 700	3 675	
M16	166	225	229			
M20	321	435	450			
M30	1 103	1 495	1 550			
M36	1 917	2 600	2 700			



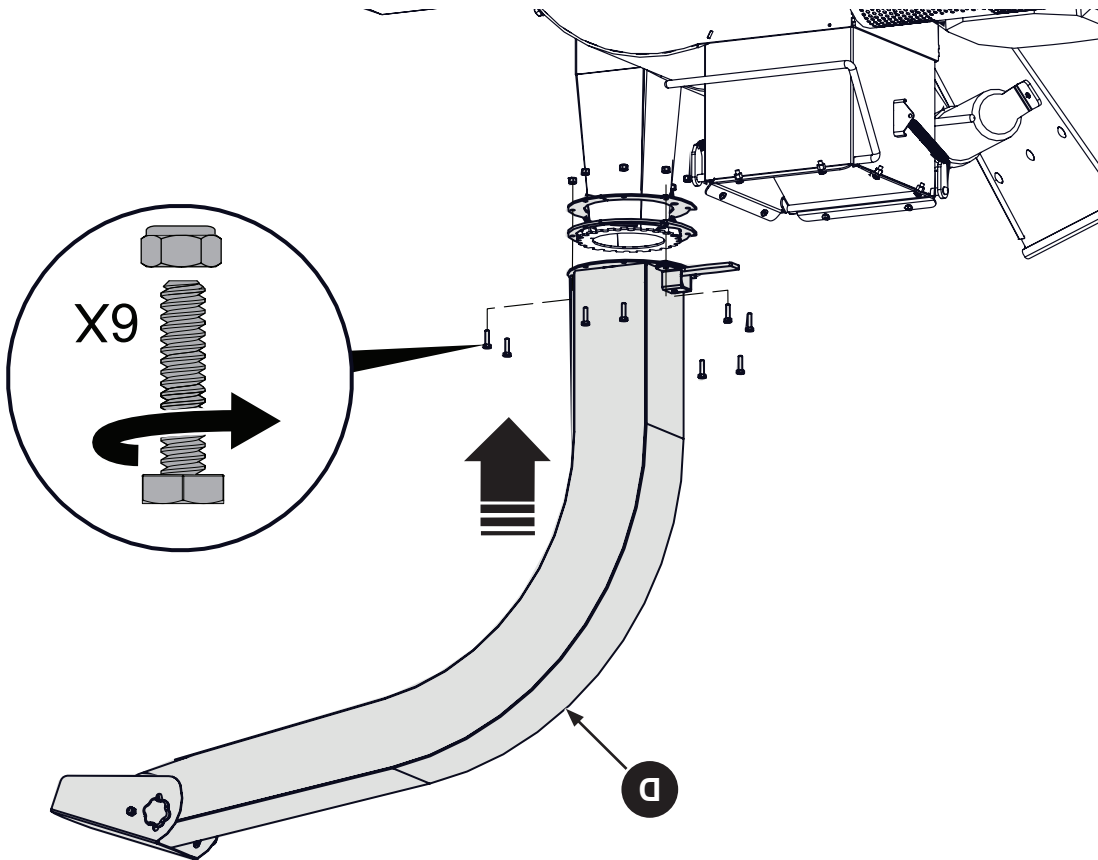


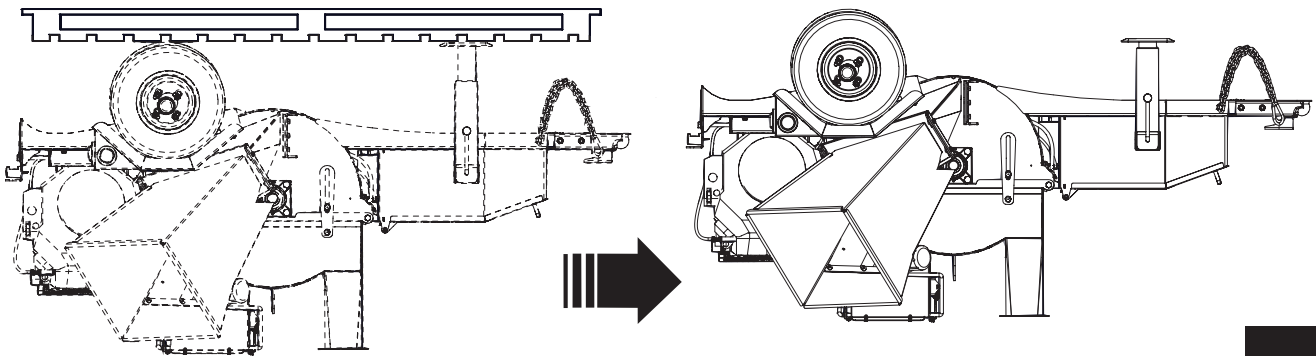
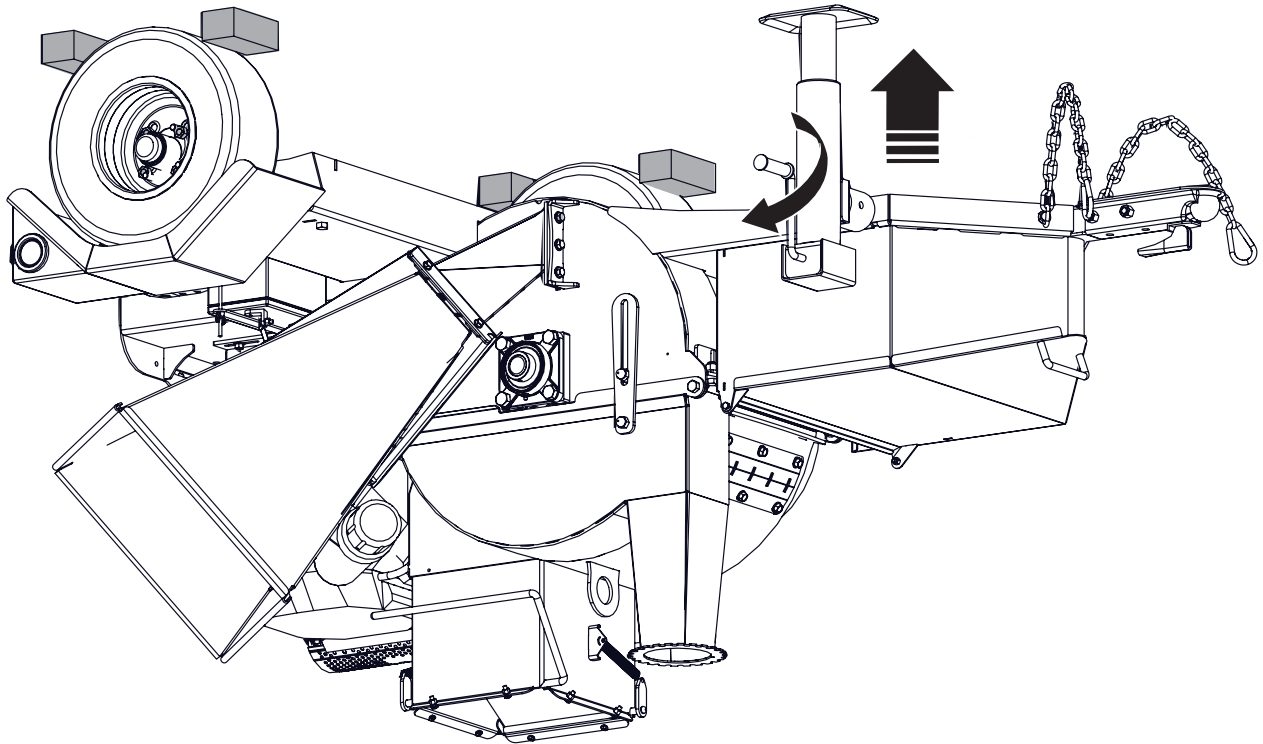
✓	Pre-delivery Inspection	Inspect for damage from shipping. Immediately contact the shipping company if damage is found.
BxMT Series Wood Chipper-Shredder		
	Check blade clearance and that rotor turns freely	
	Check cutting blades and knives	
	Check tension and alignment of belt	
	Check that all fasteners are tight	
	Check tire pressure and inspect wheels	
	Check engine and fluid levels	
	Check all grease points and lubricate pivot points	
	Review operating and safety instructions	
Safety Checks		
	All safety decals installed	
	Guards and shields installed and secured	
	Safety chain on hitch	
	Check that retainers are installed through hitch points	
	Review operating and safety instructions	



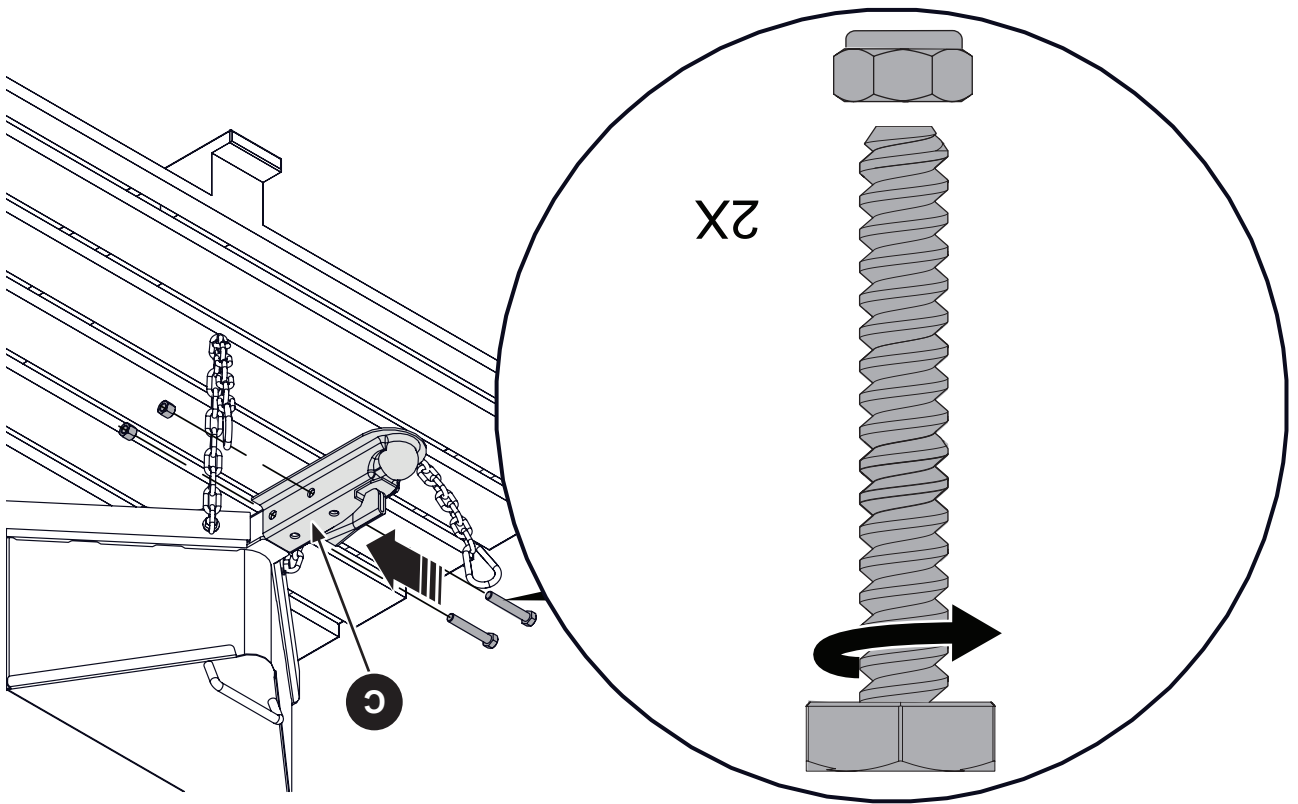


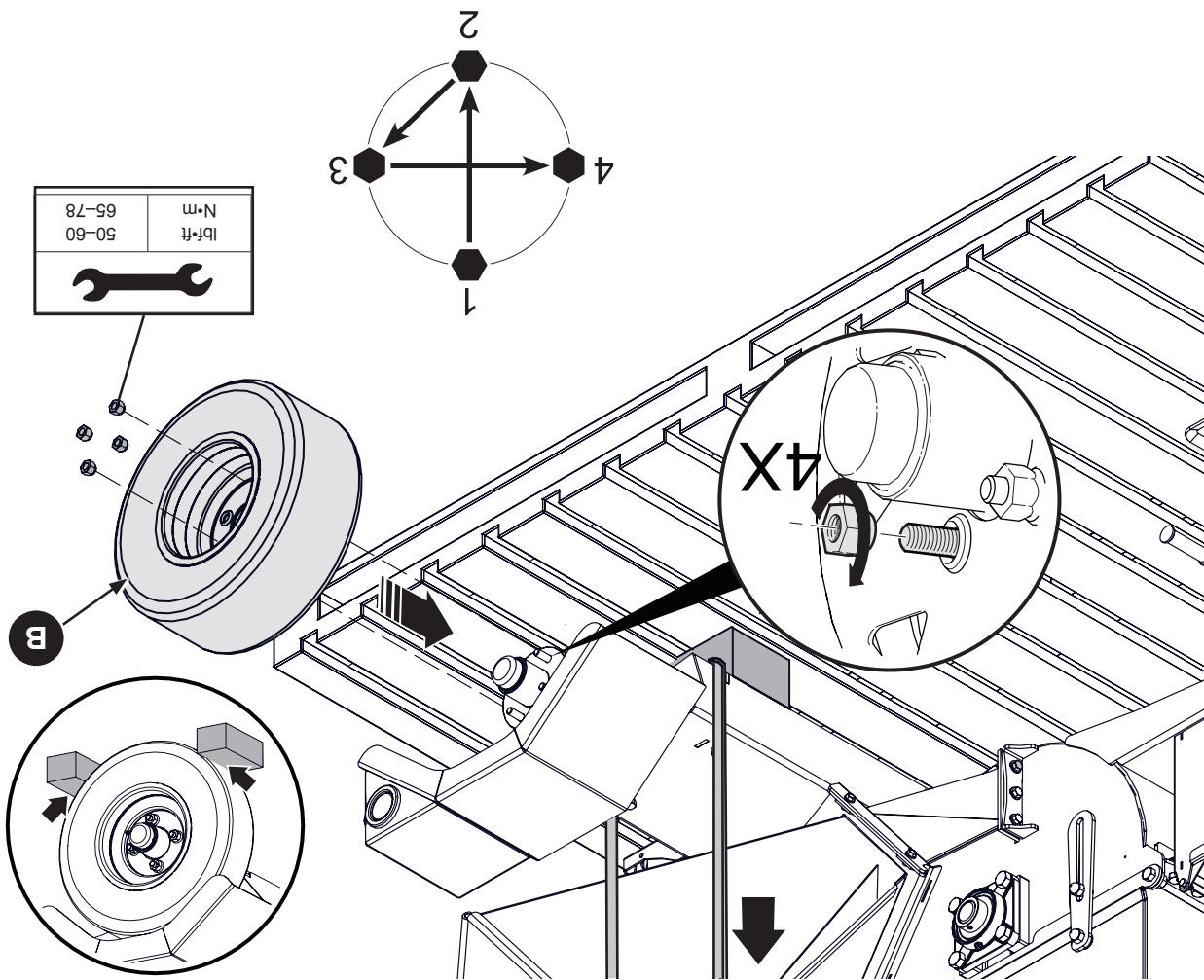
BXMT4224

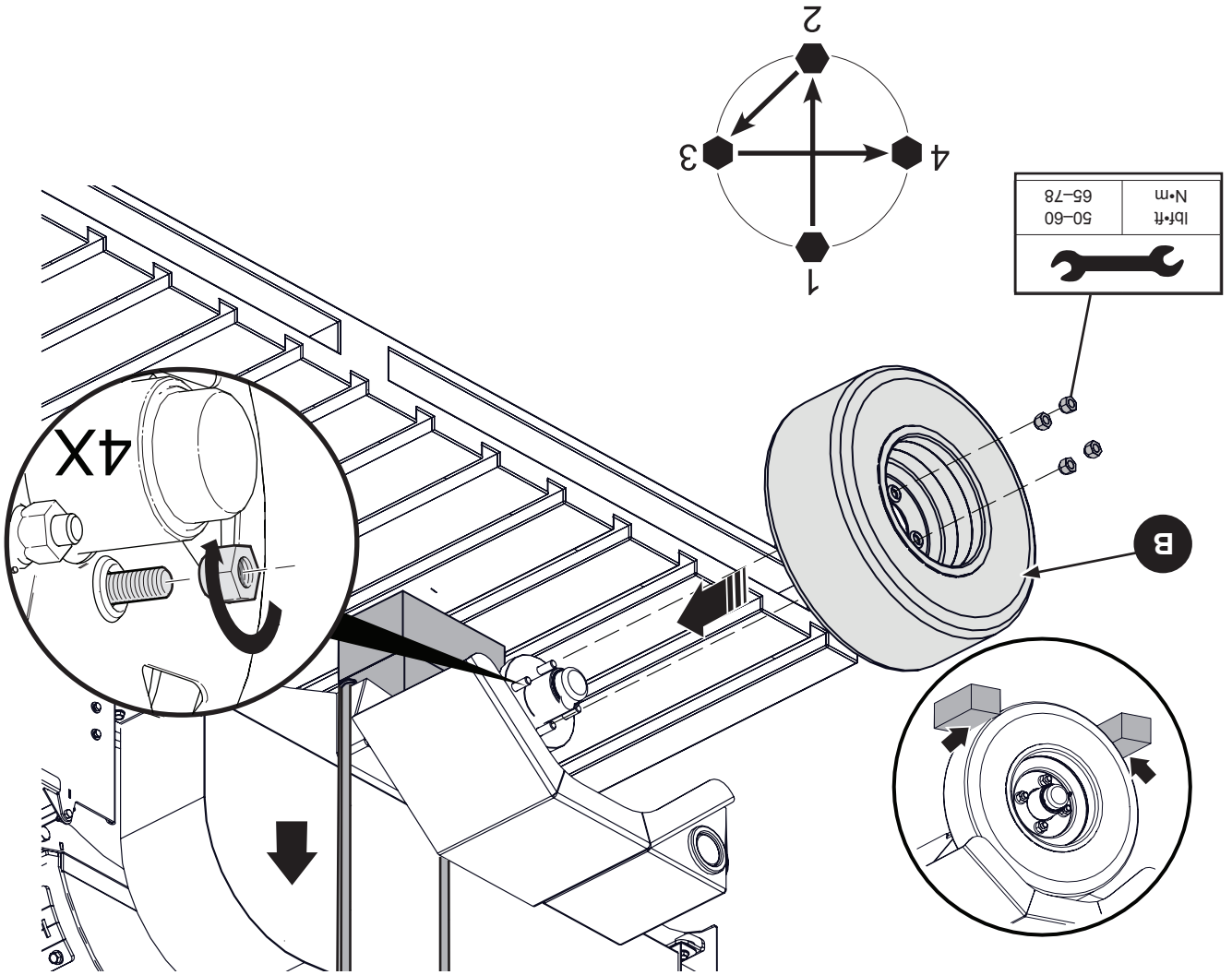




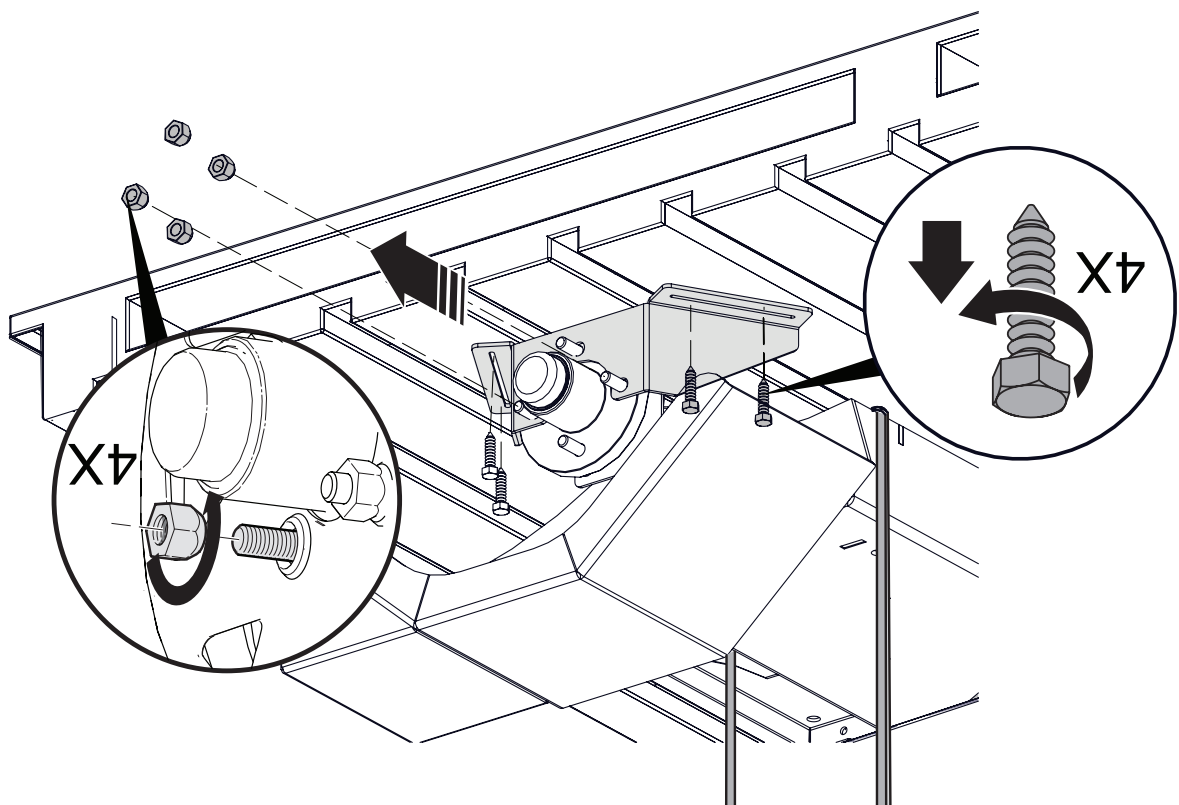
BXMT4224



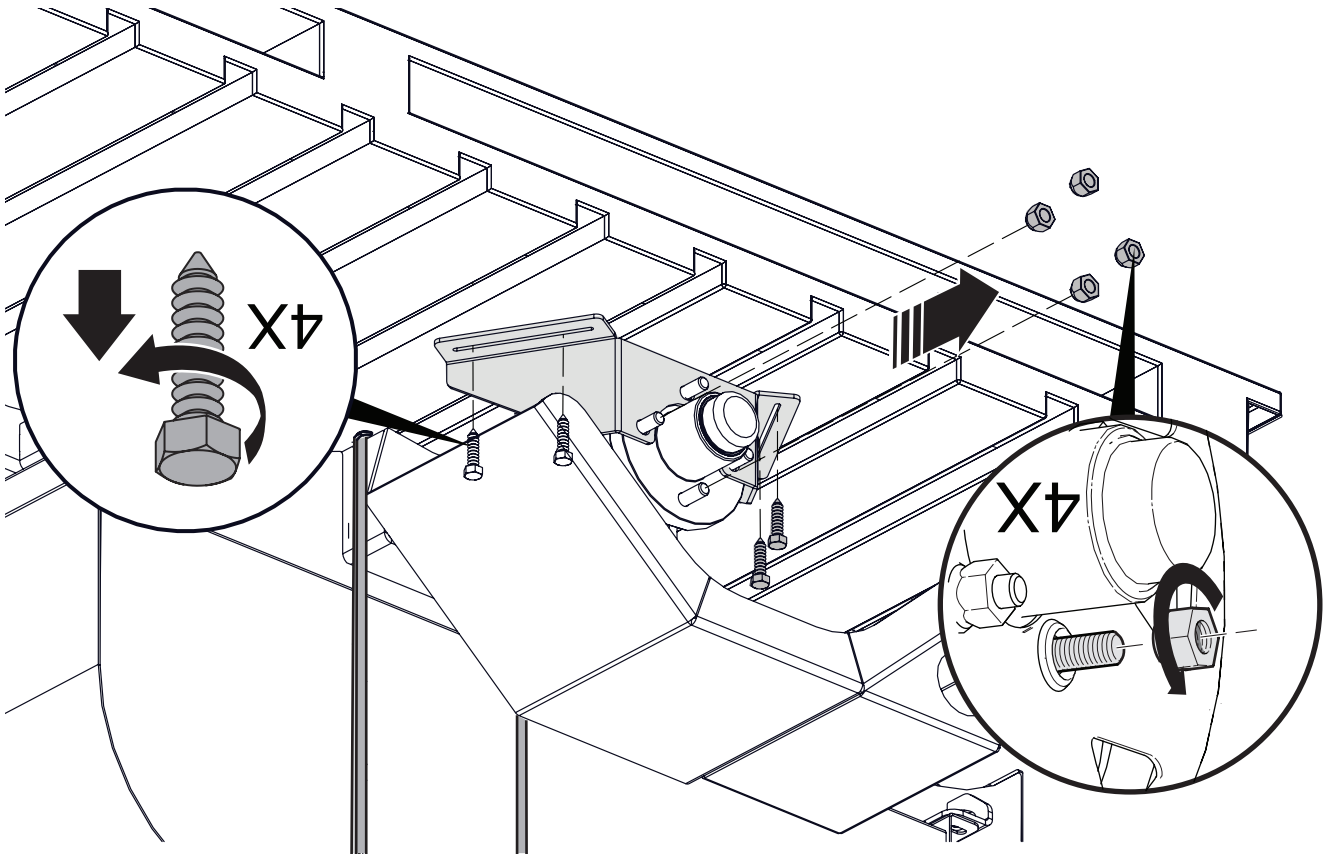


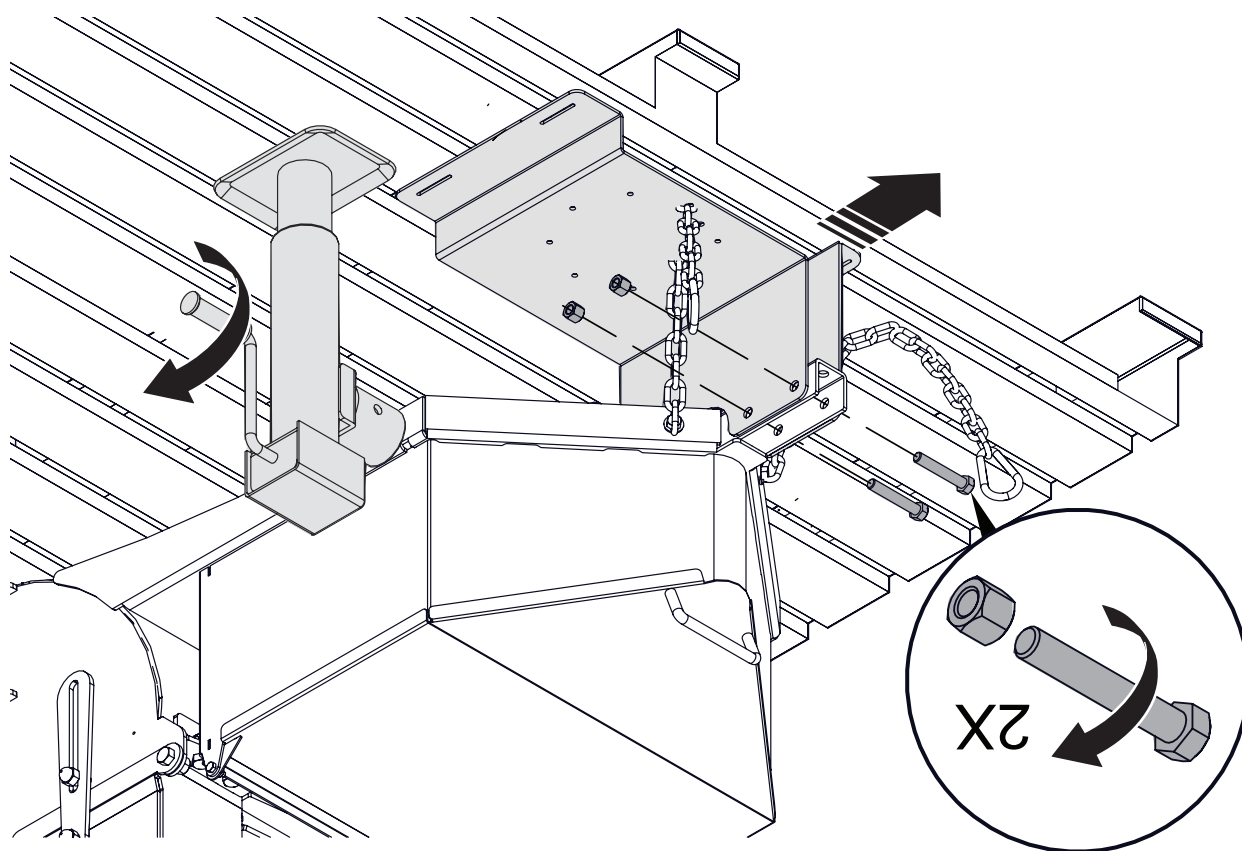


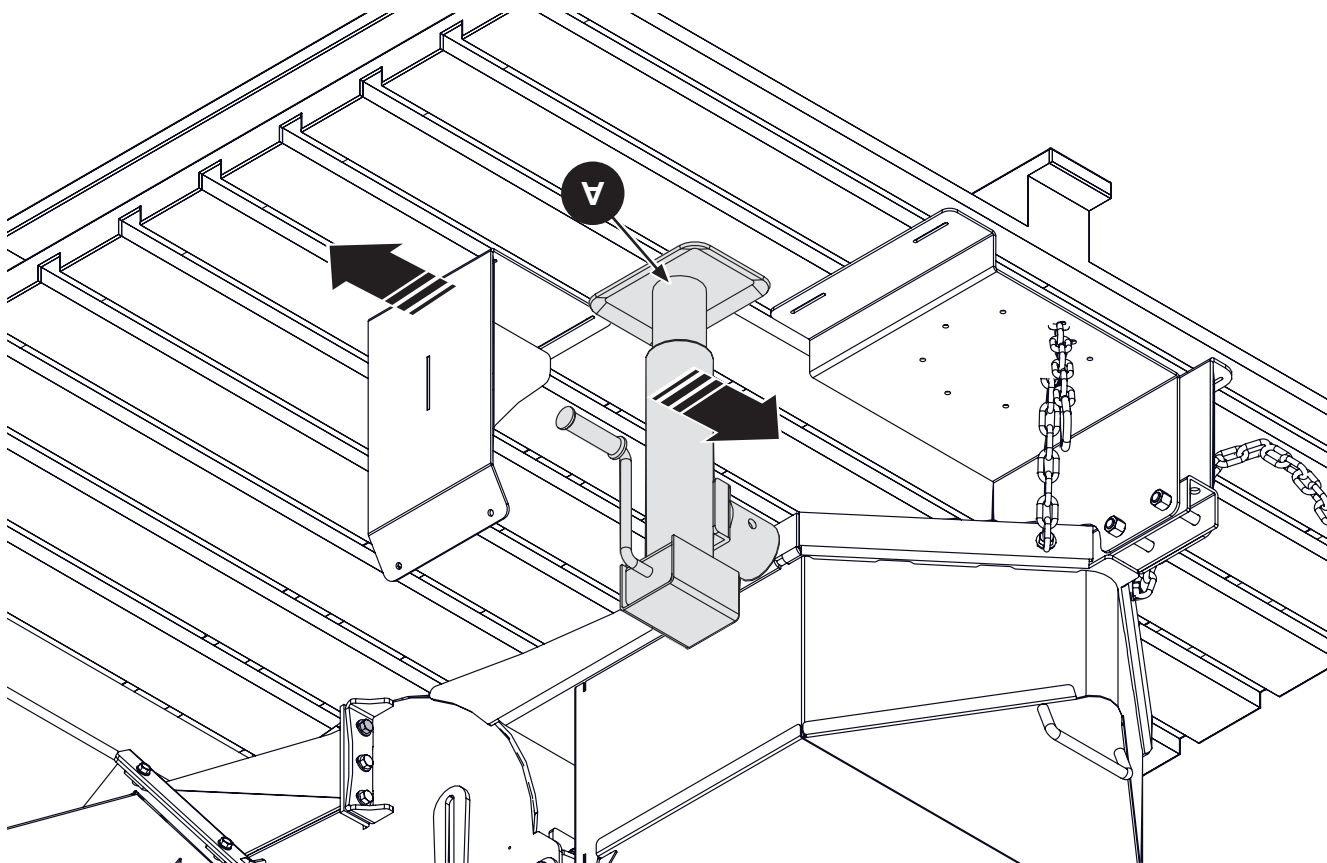
BXMT4224



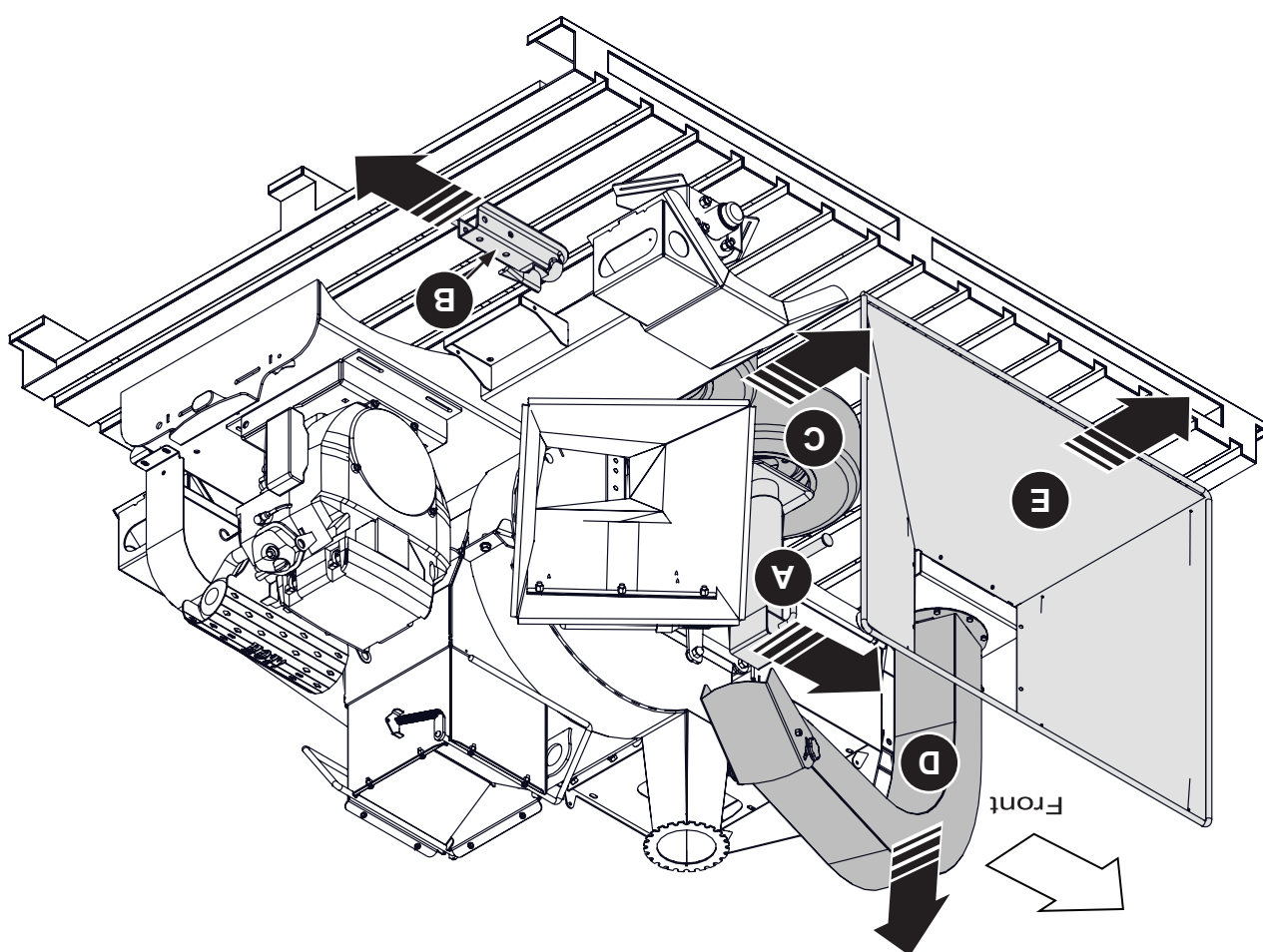
BXMT4224

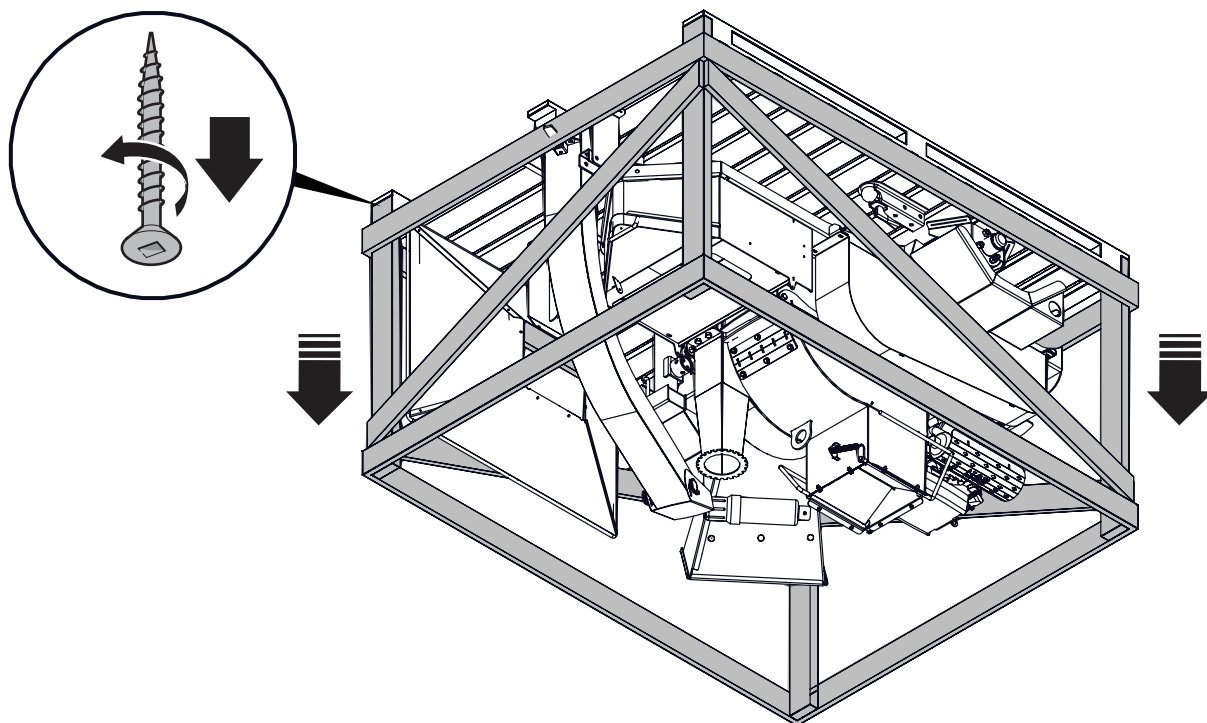
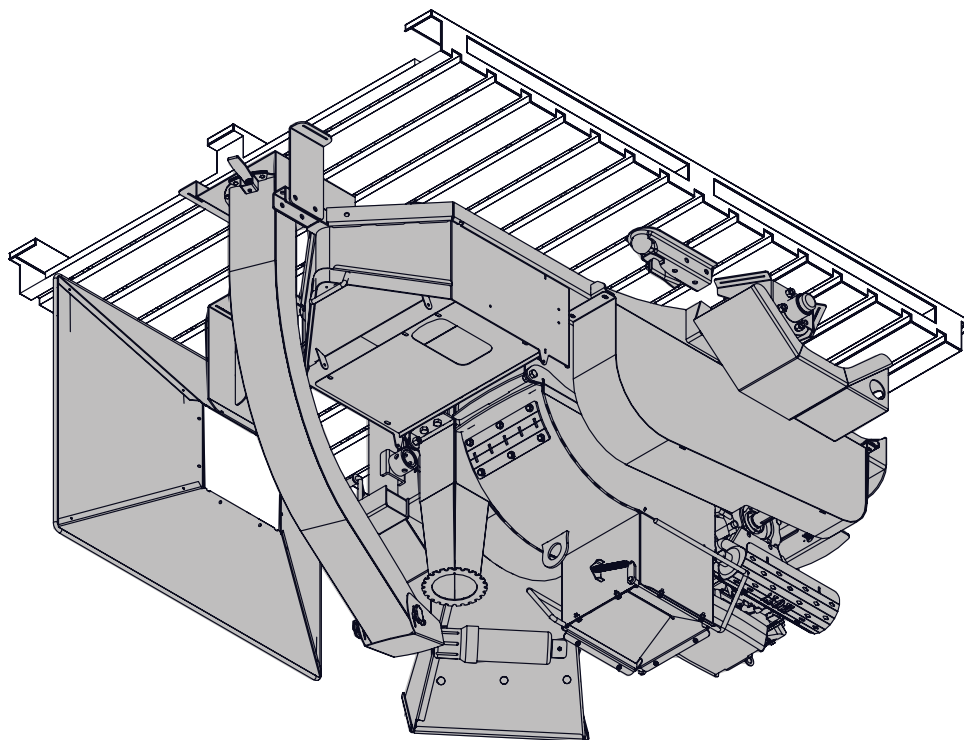




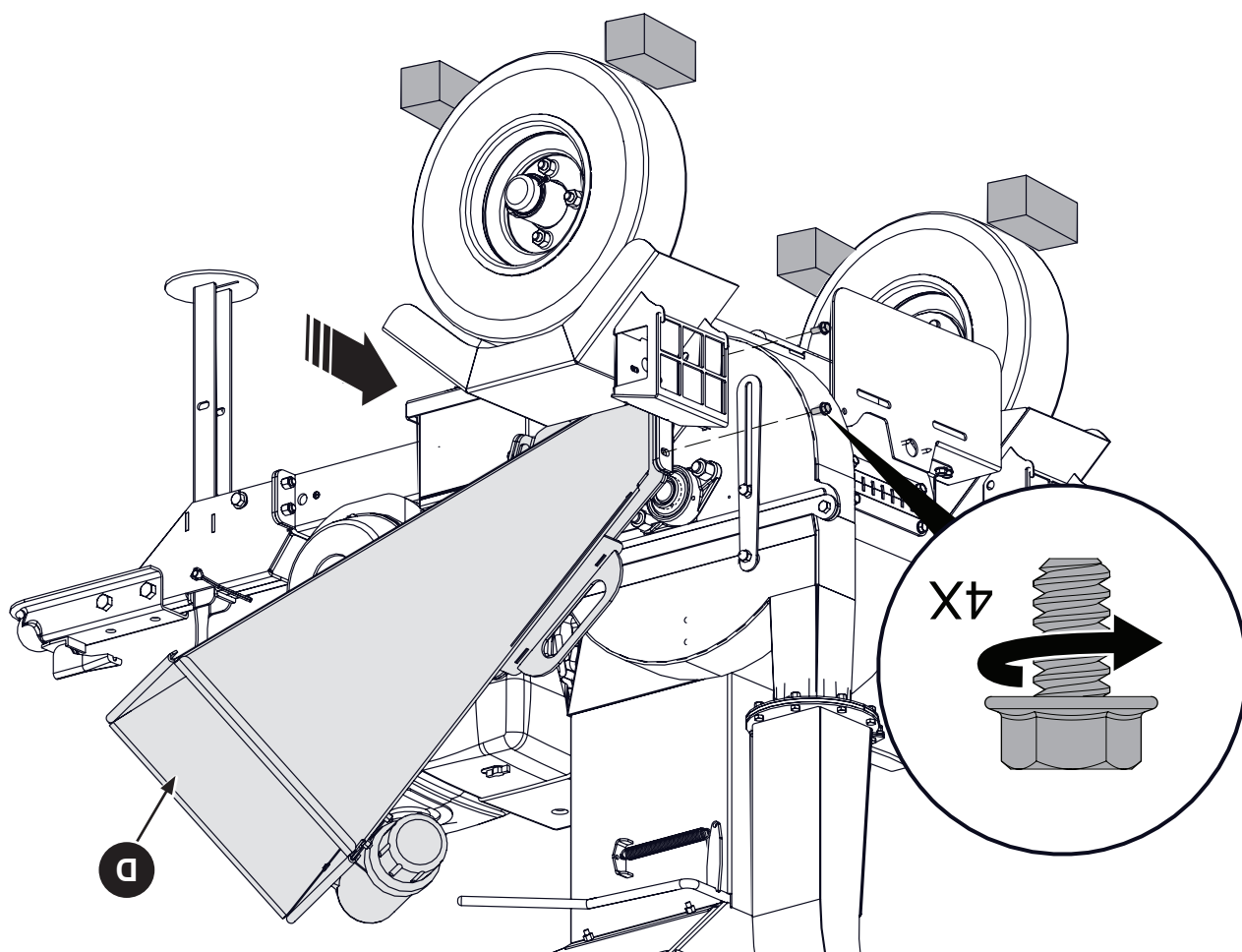


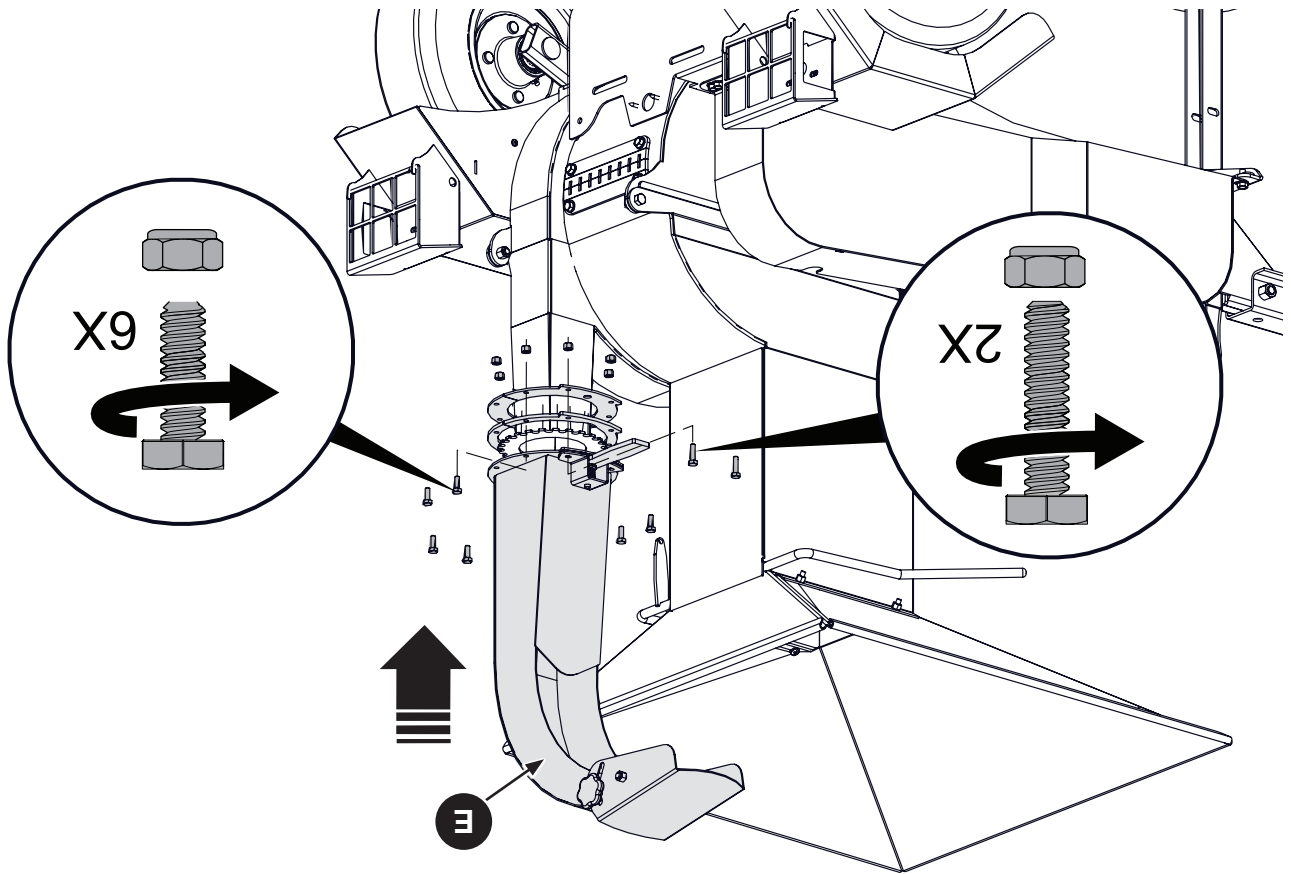
BXMT4224



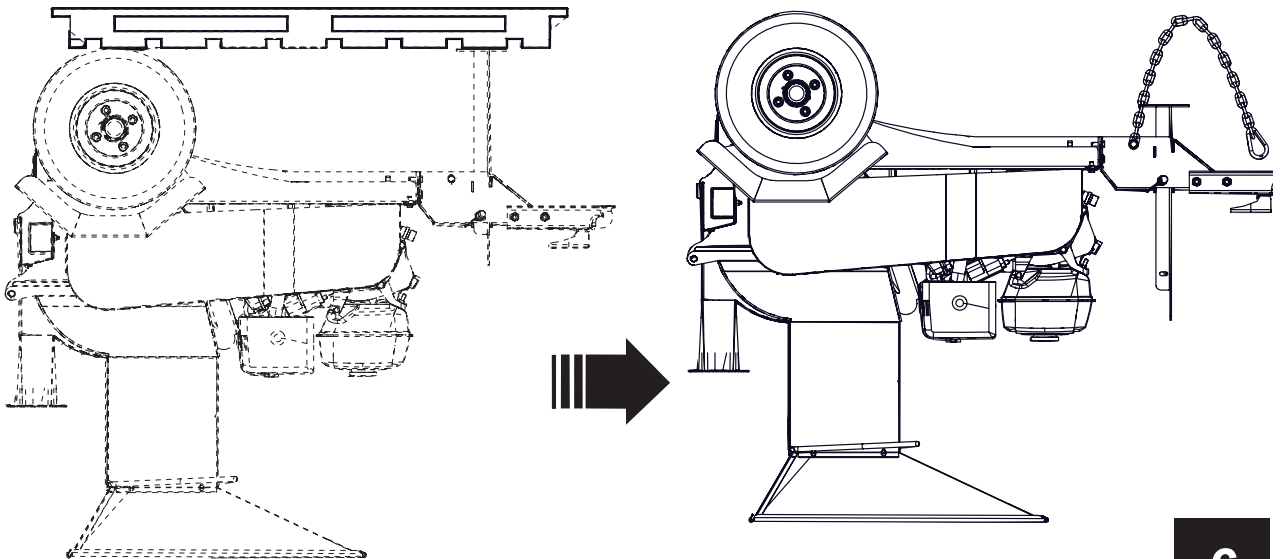
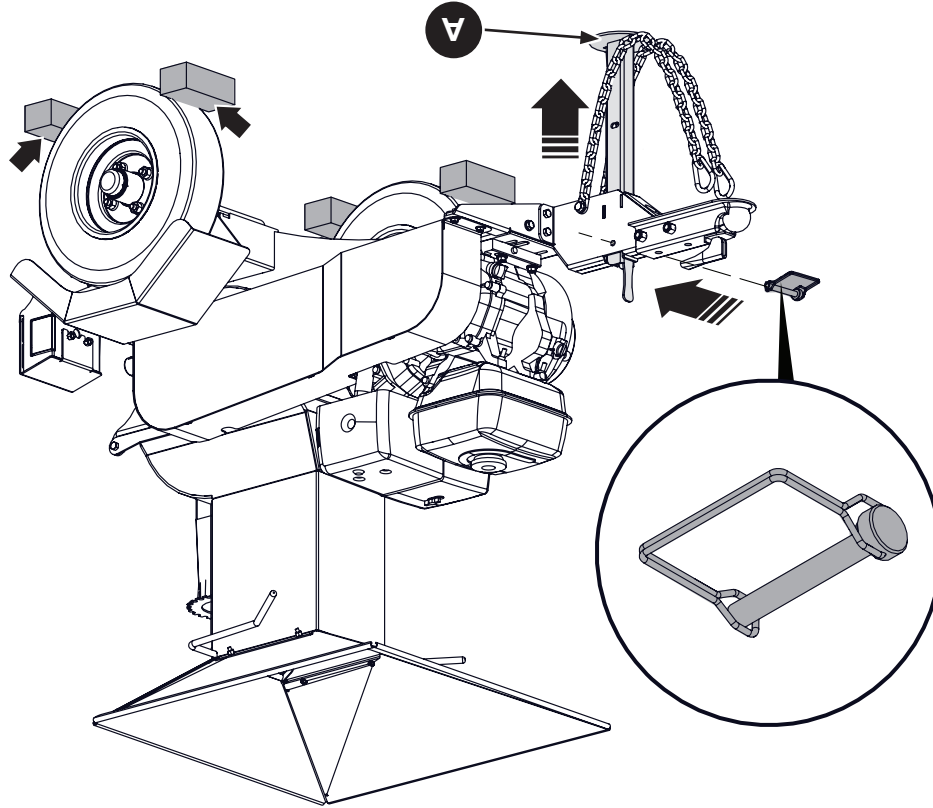


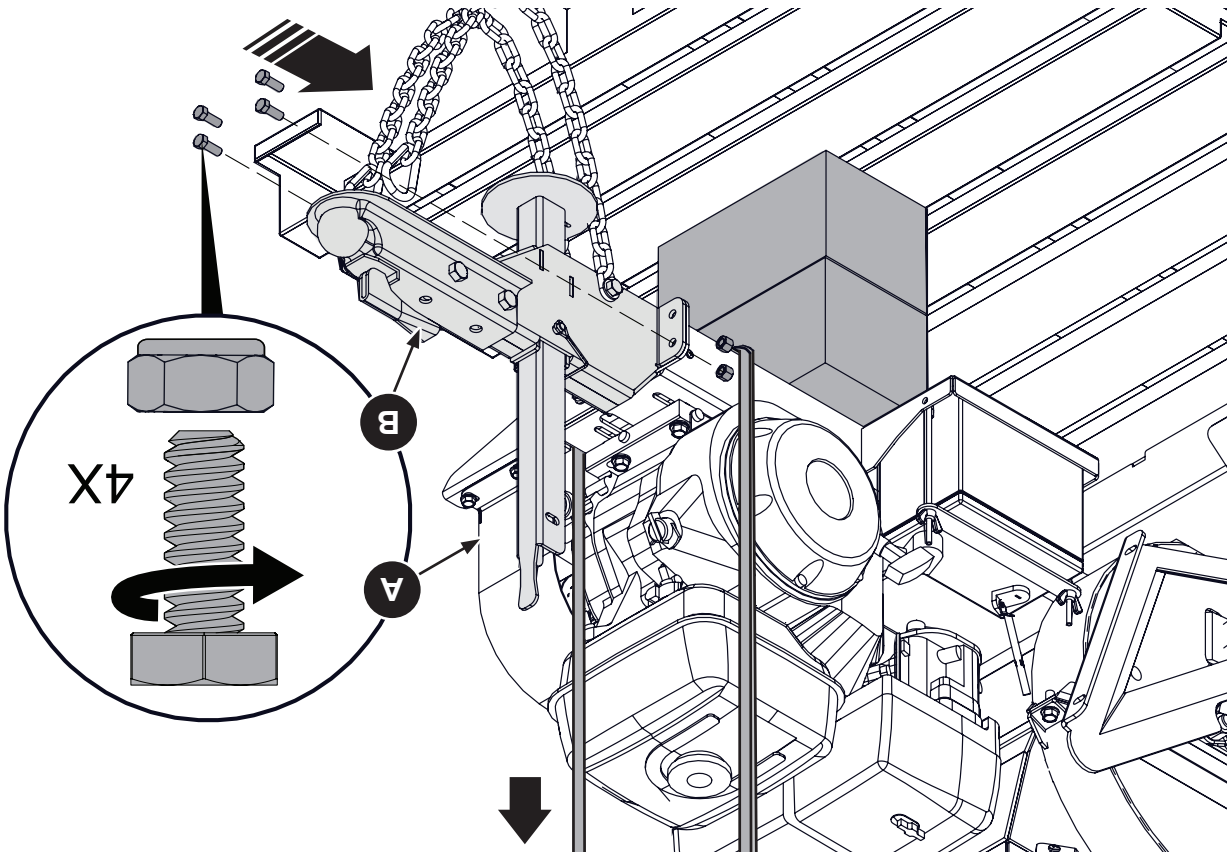
BXMT4224



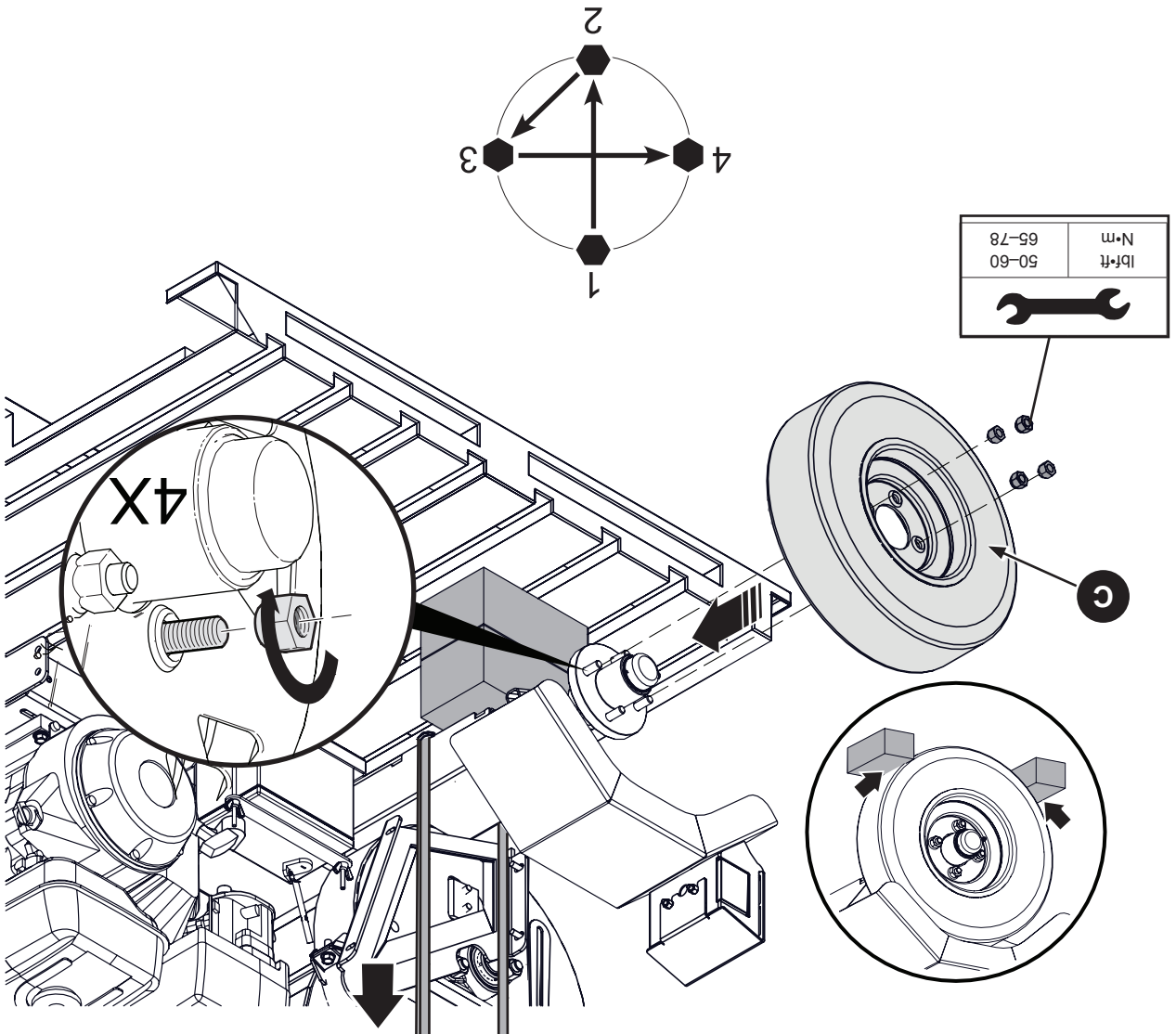


BXMT3213

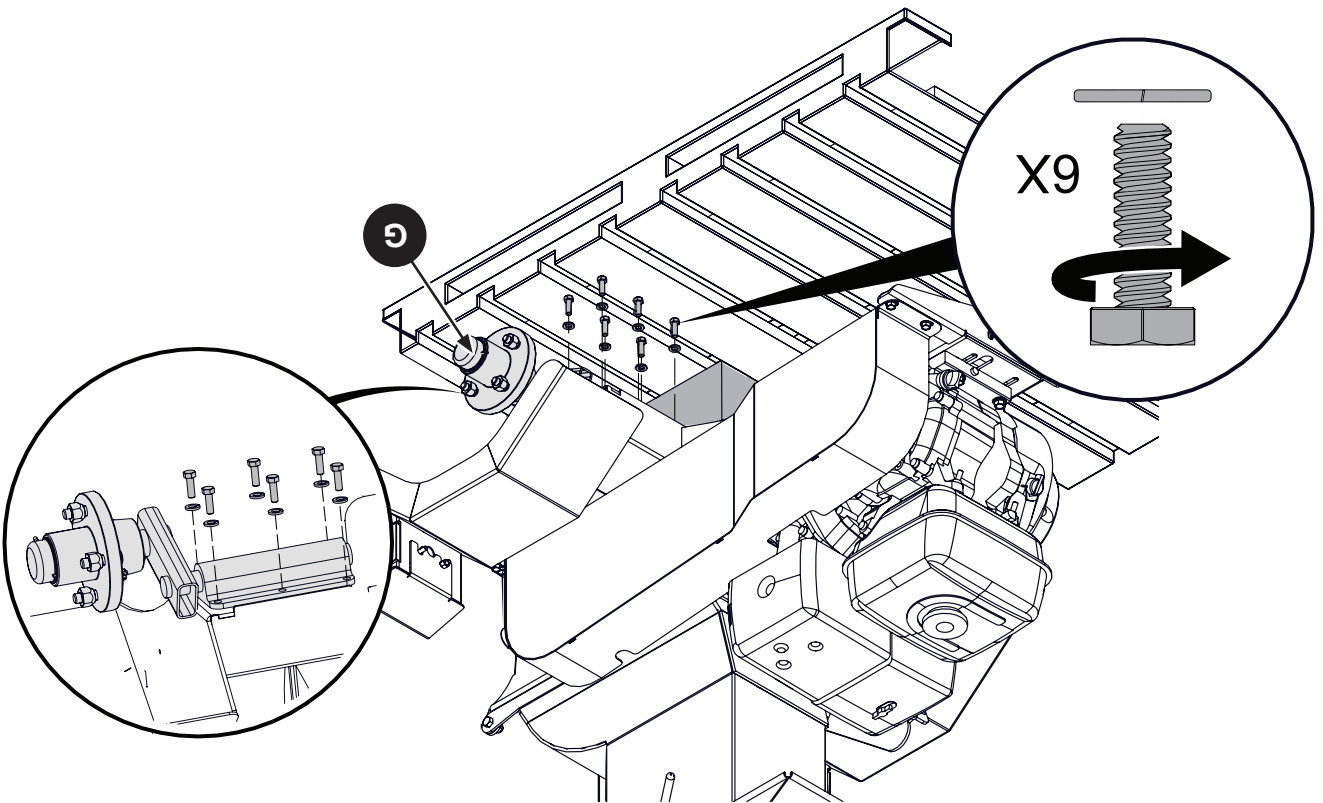


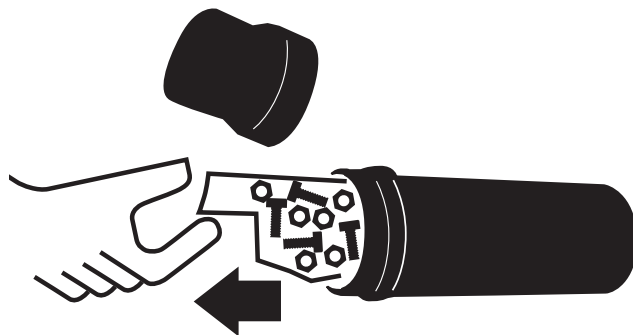
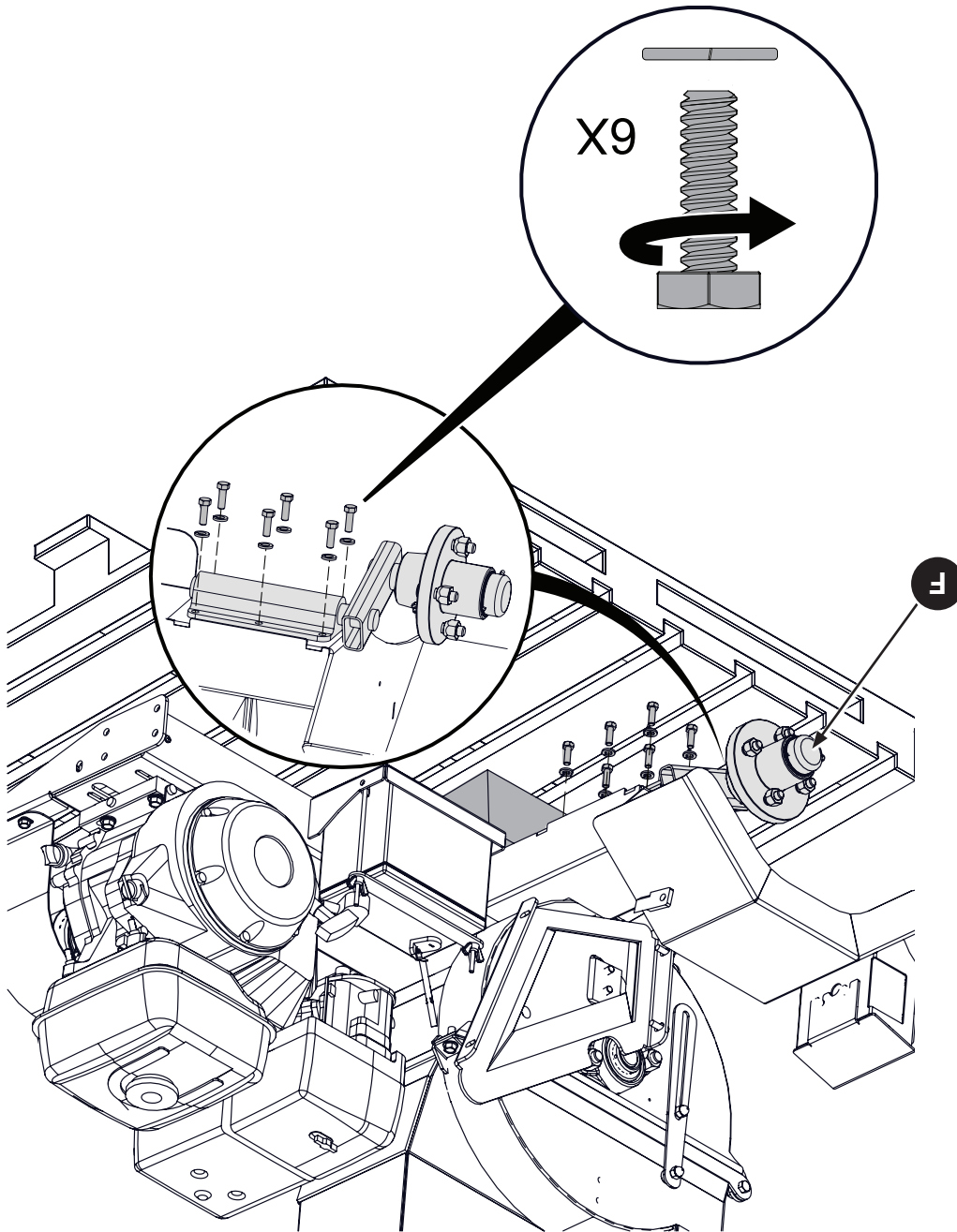


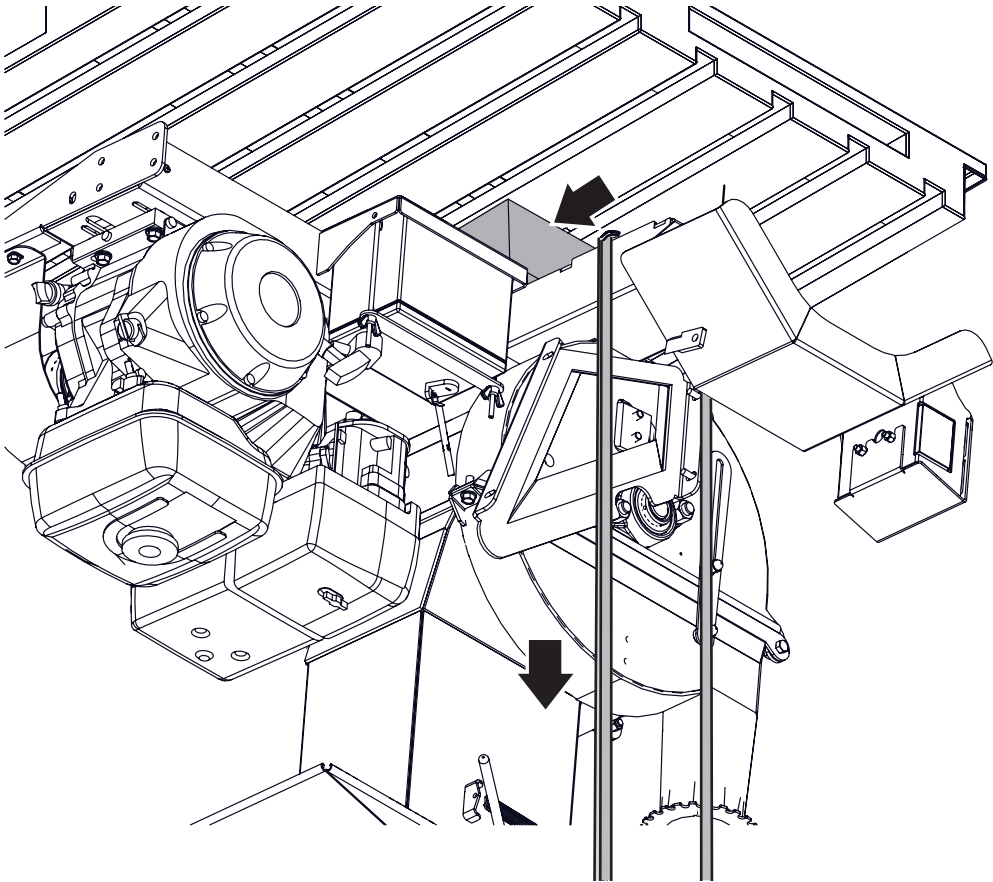
BXMT3213



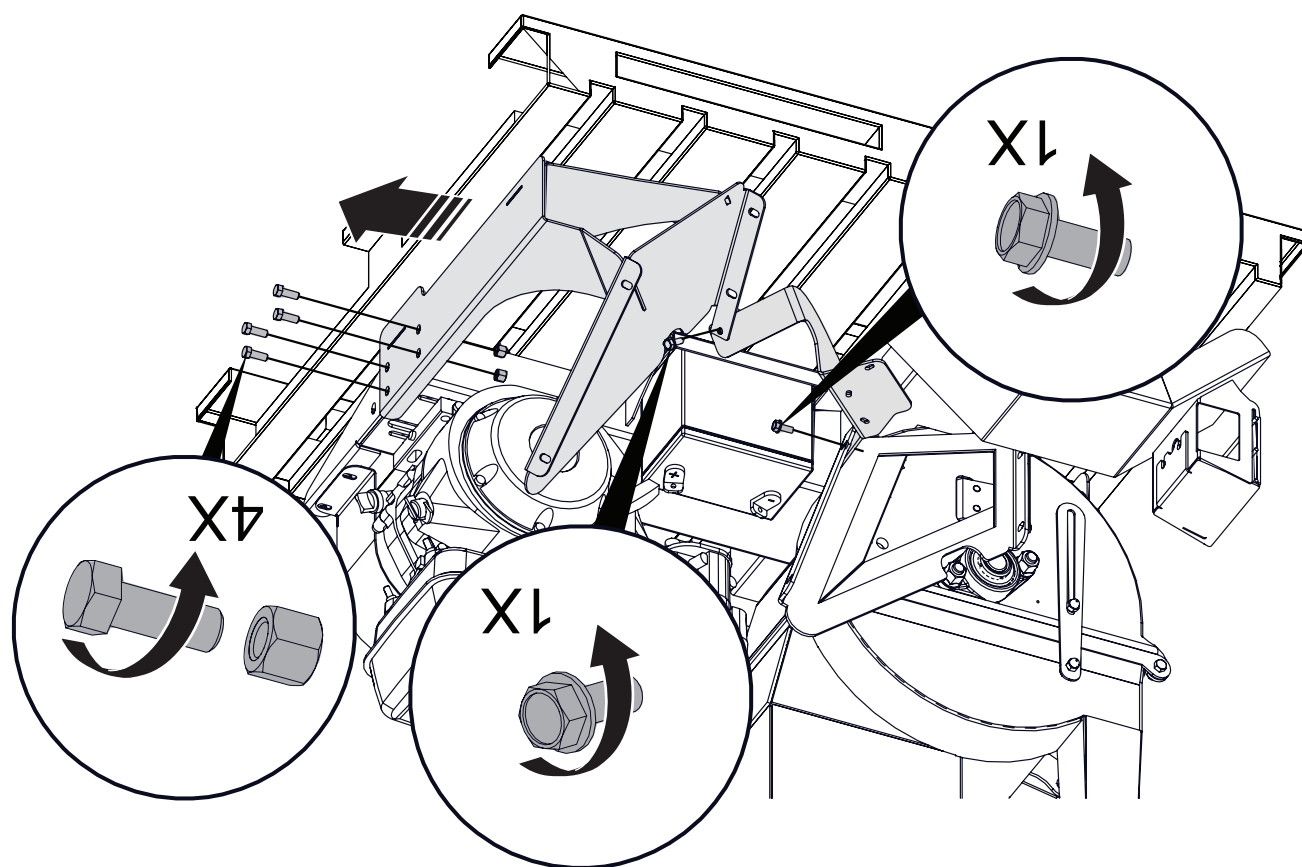
BXMT3213

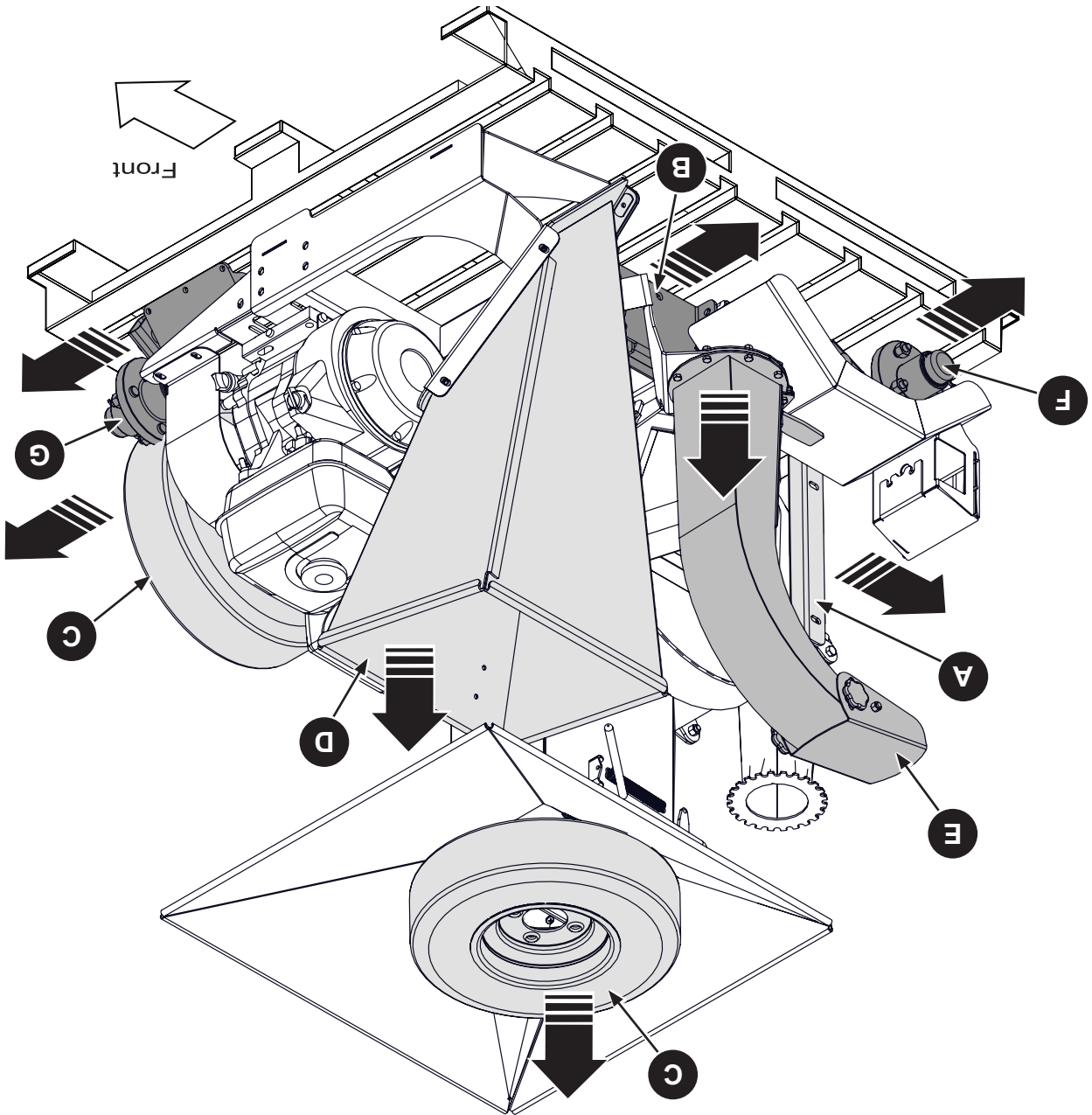




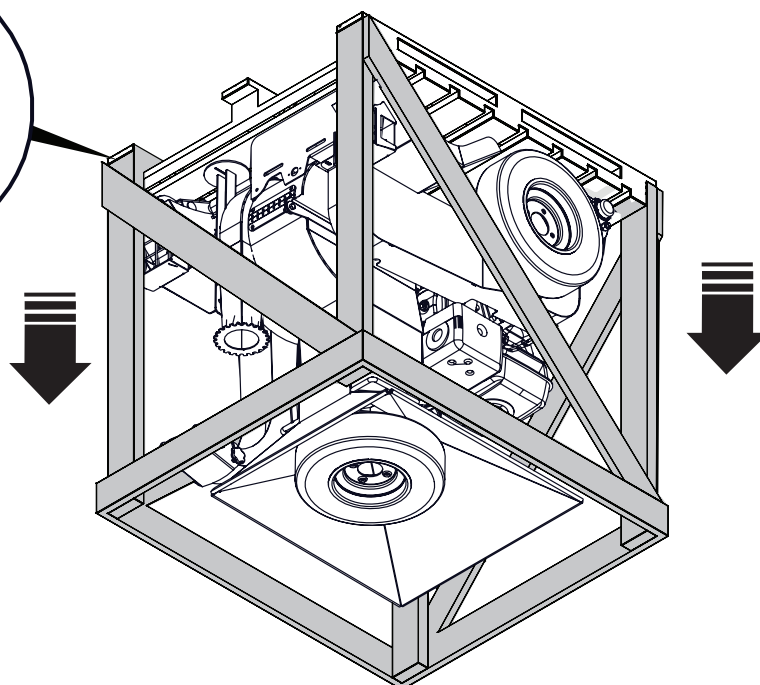
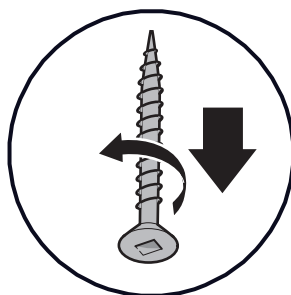
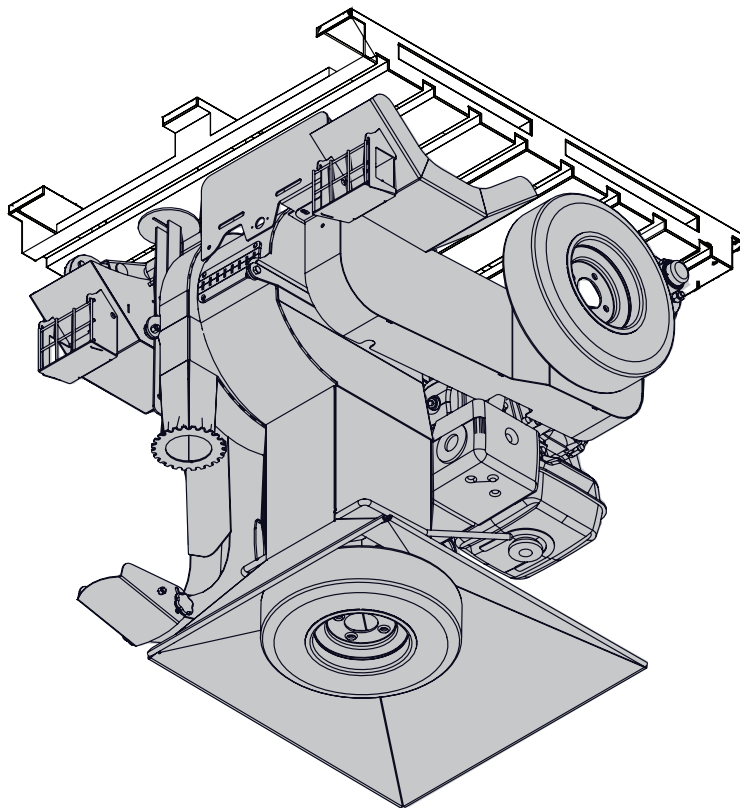


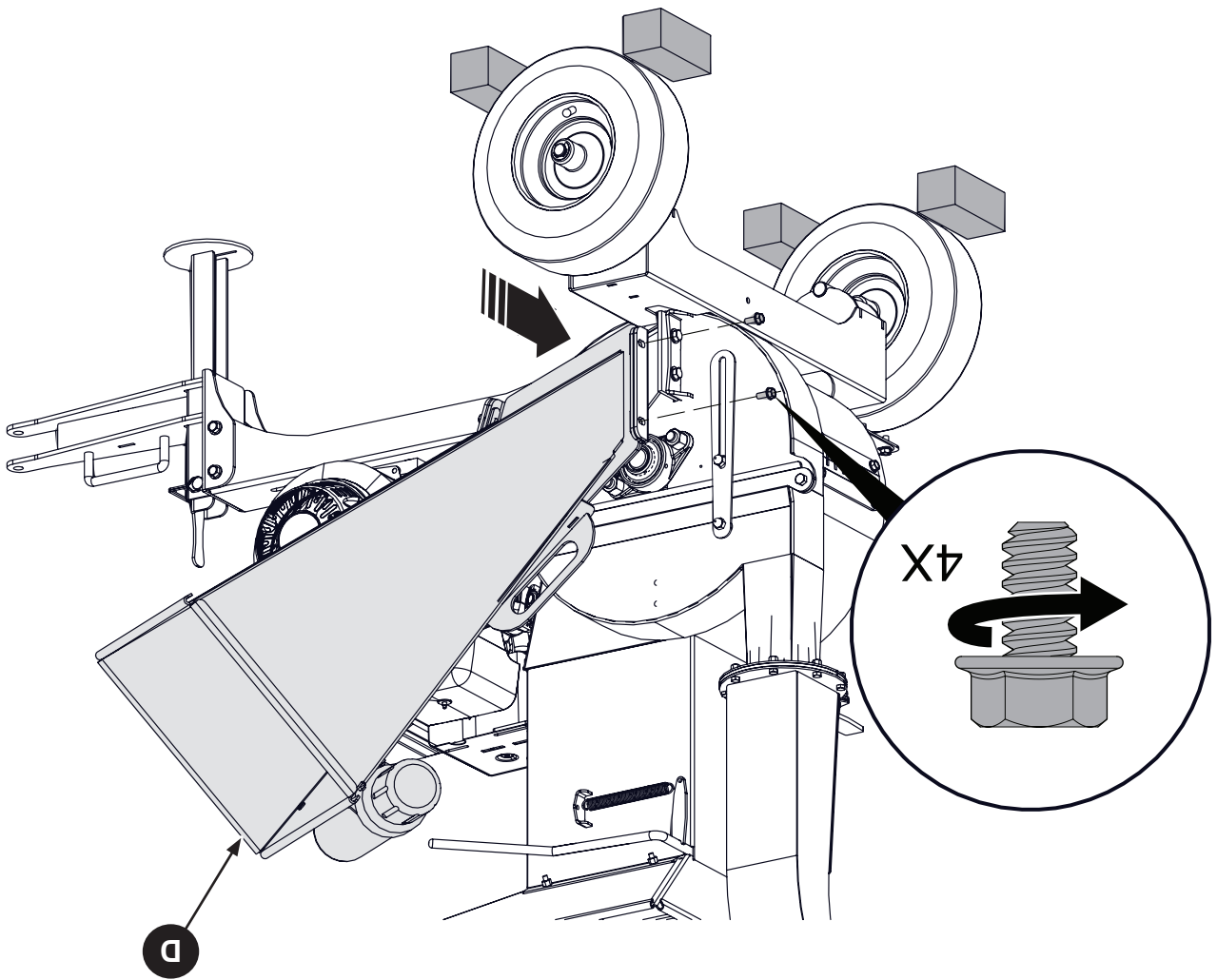
BXMT3213



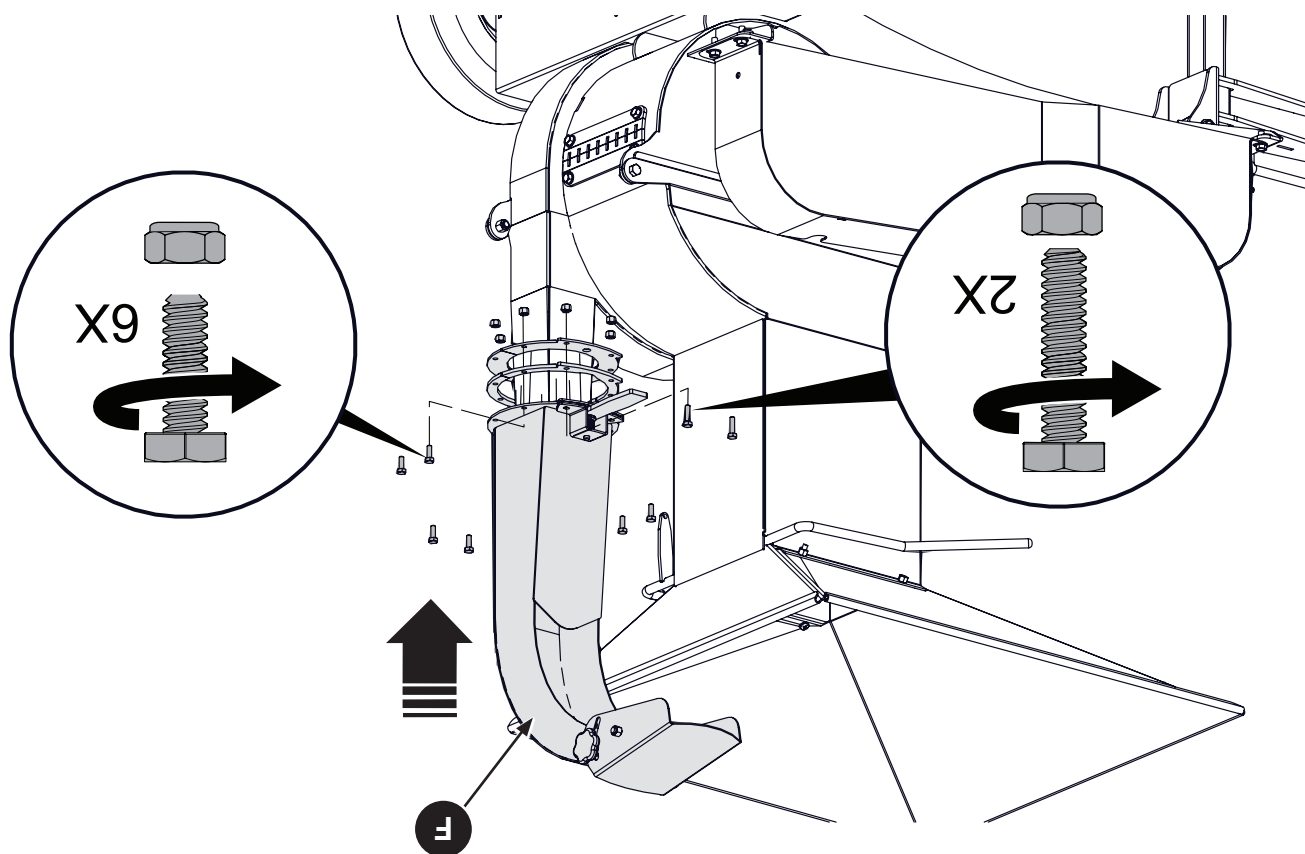


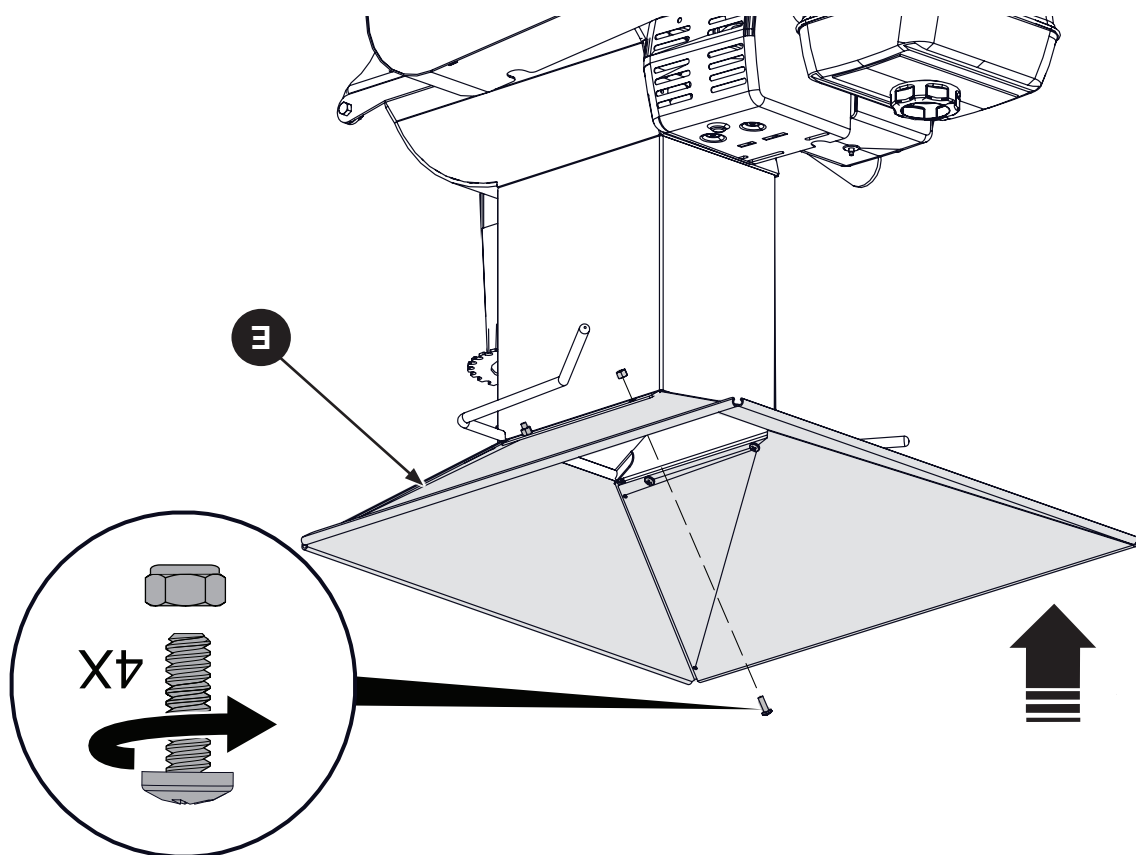
BXMT3213



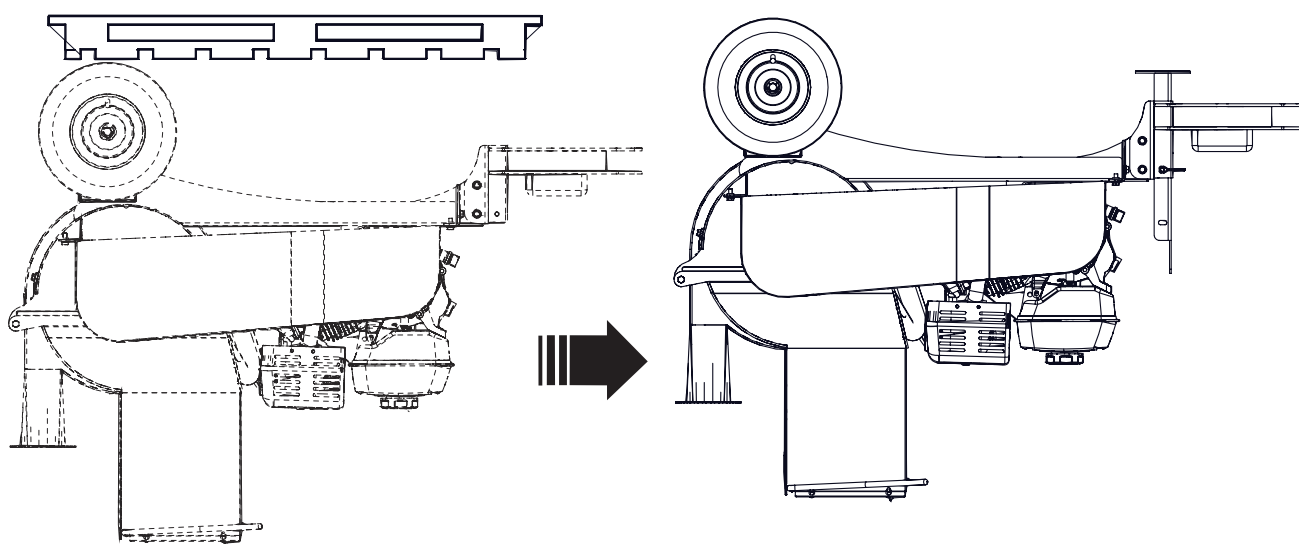
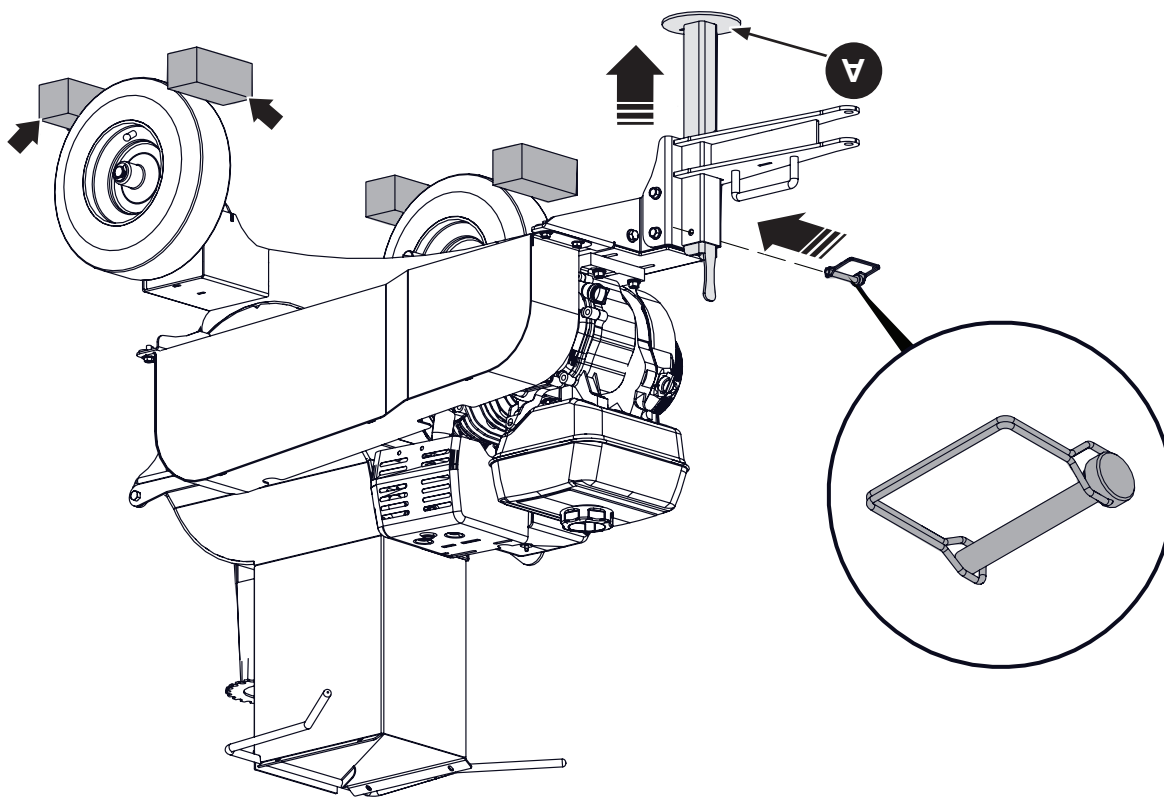


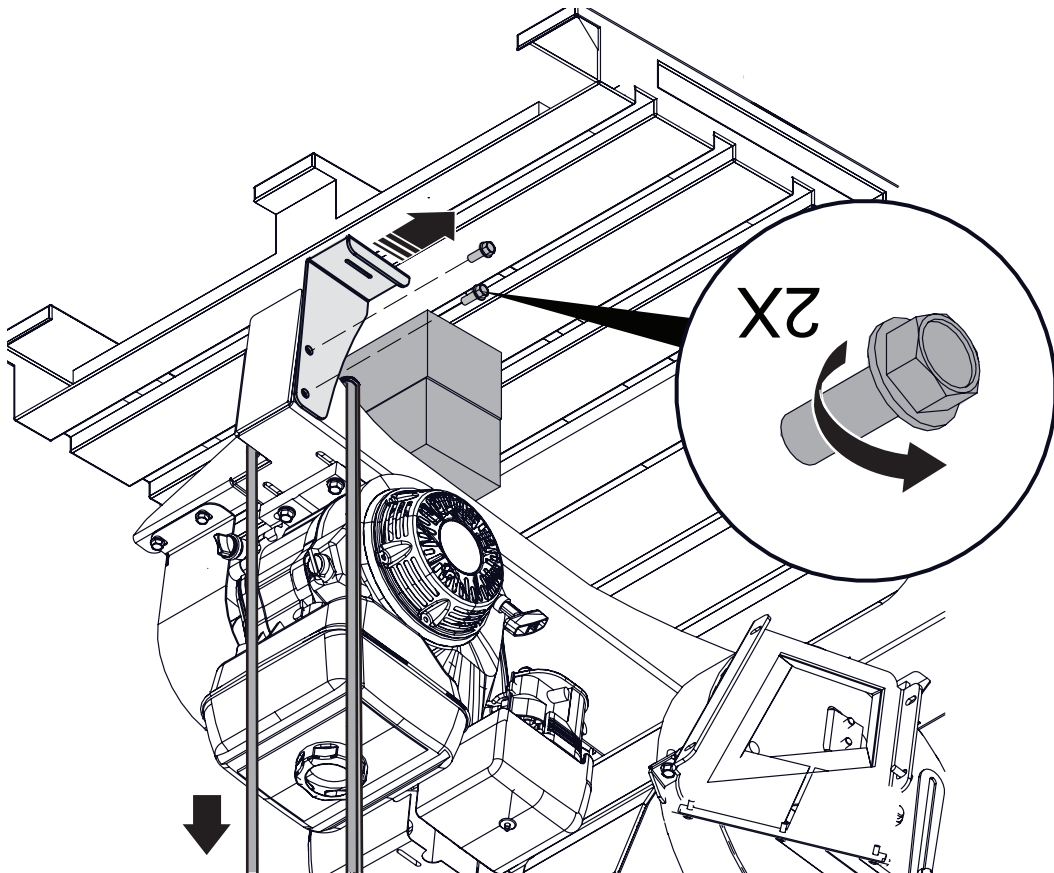
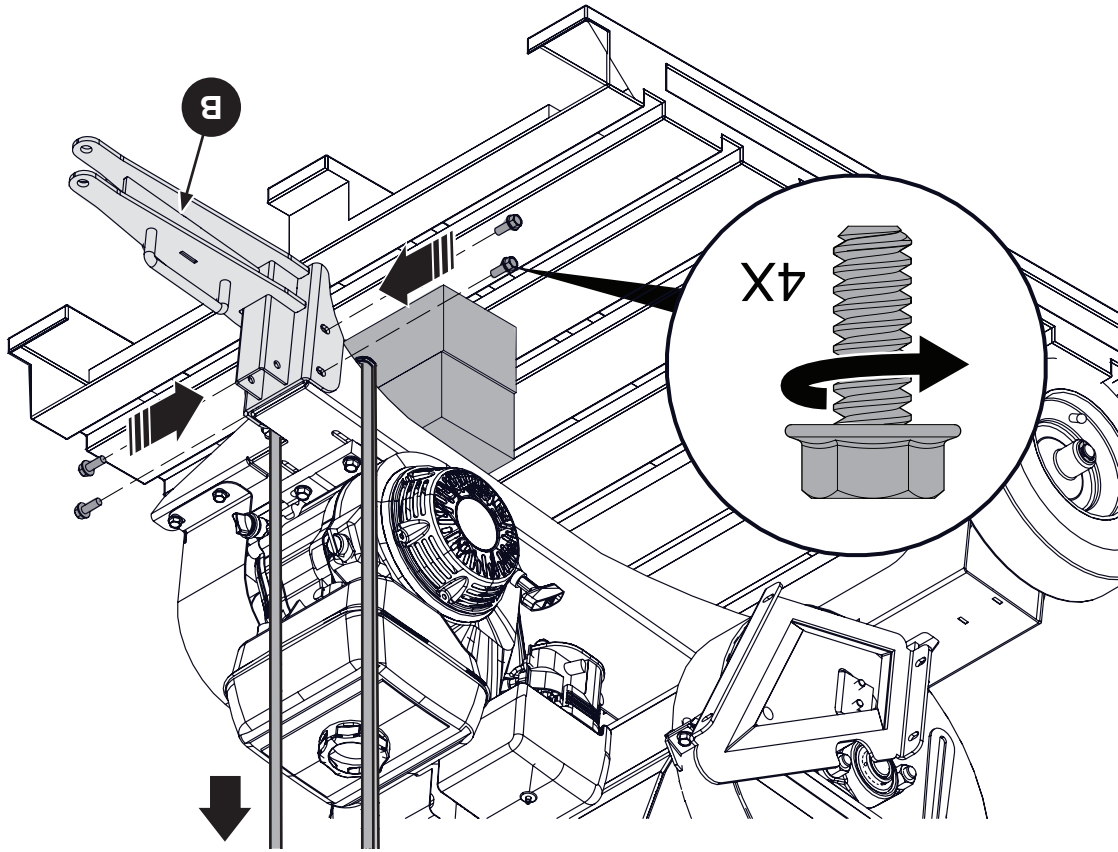
BXMT3209

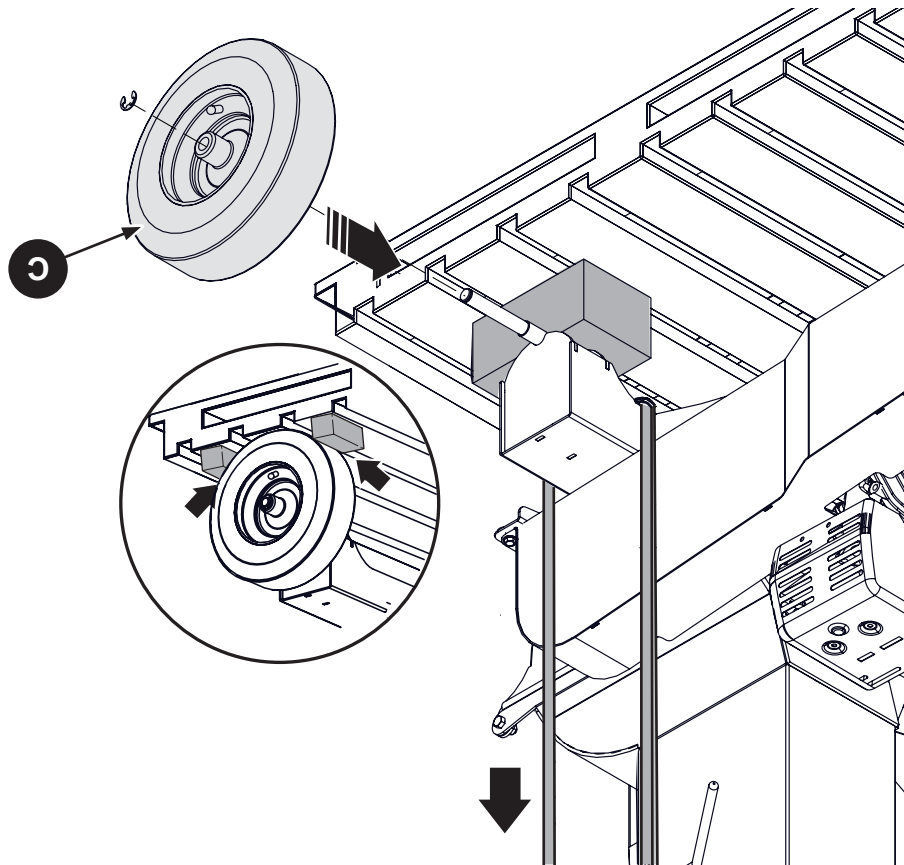


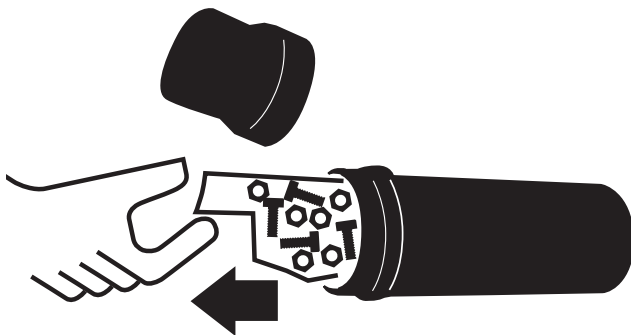
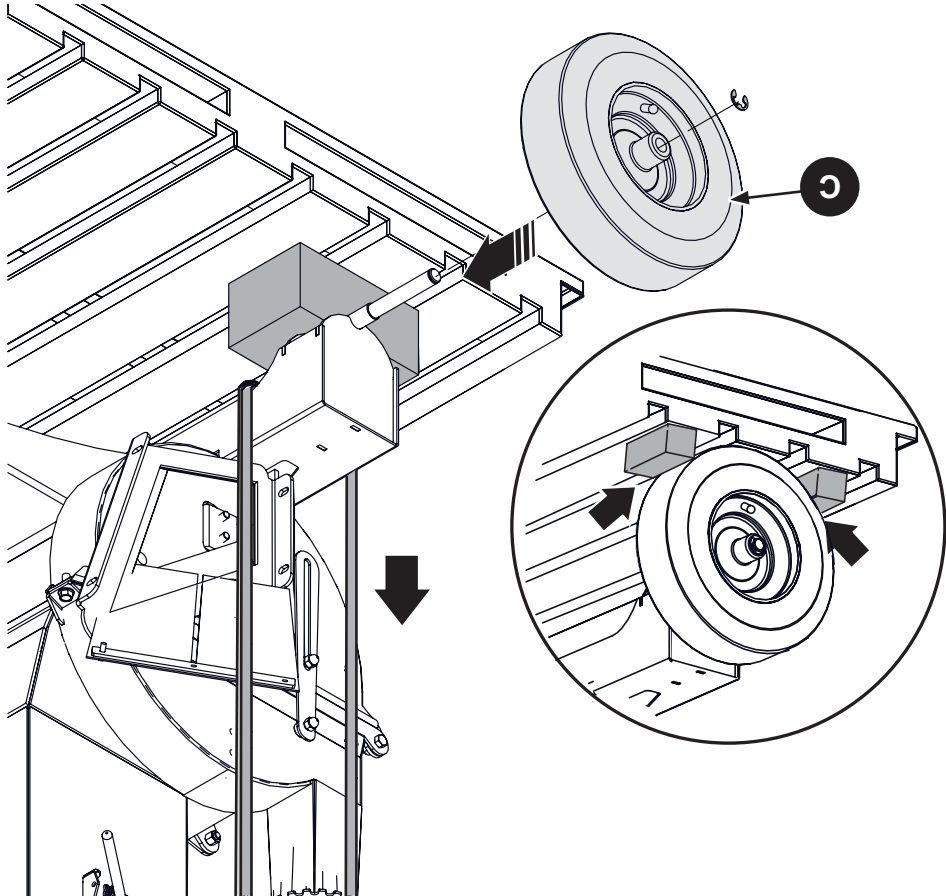


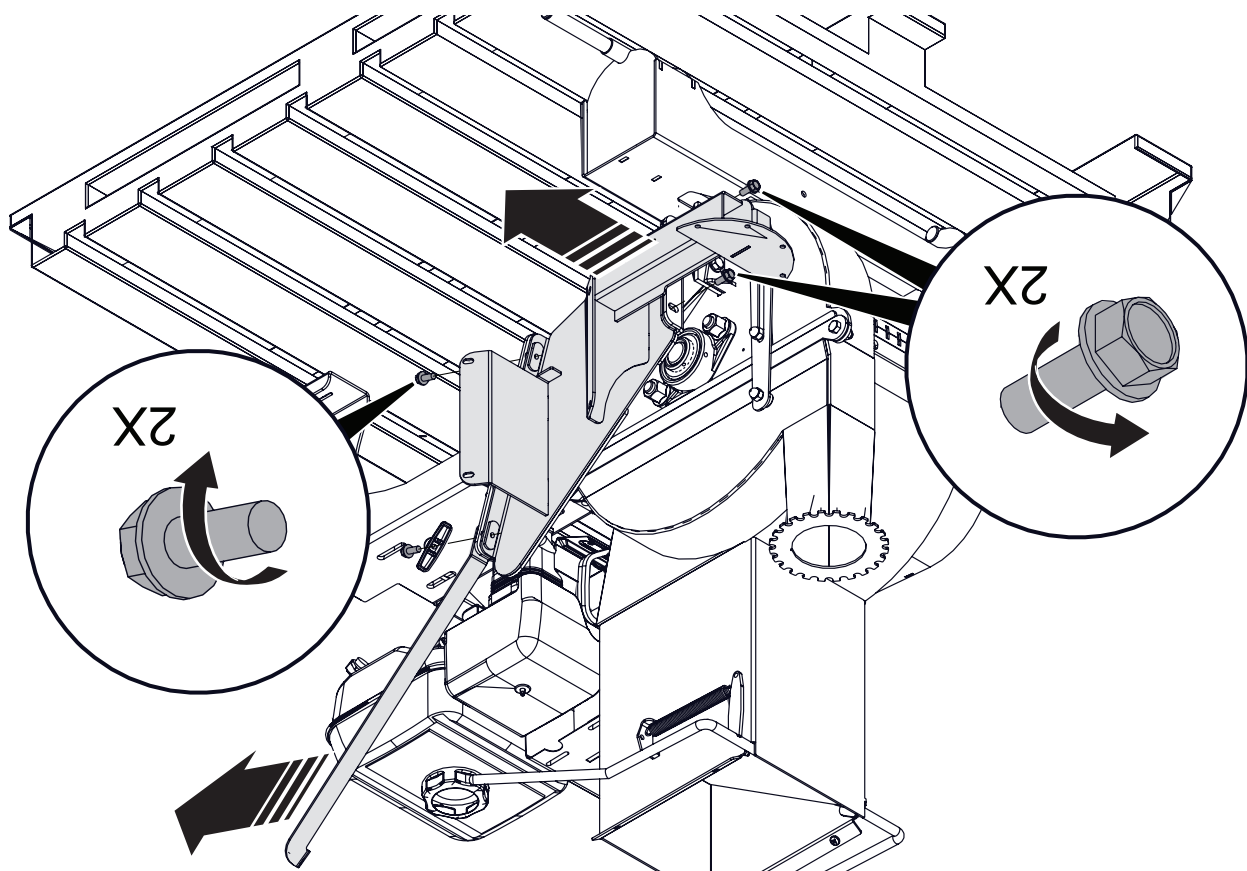
BXMT3209

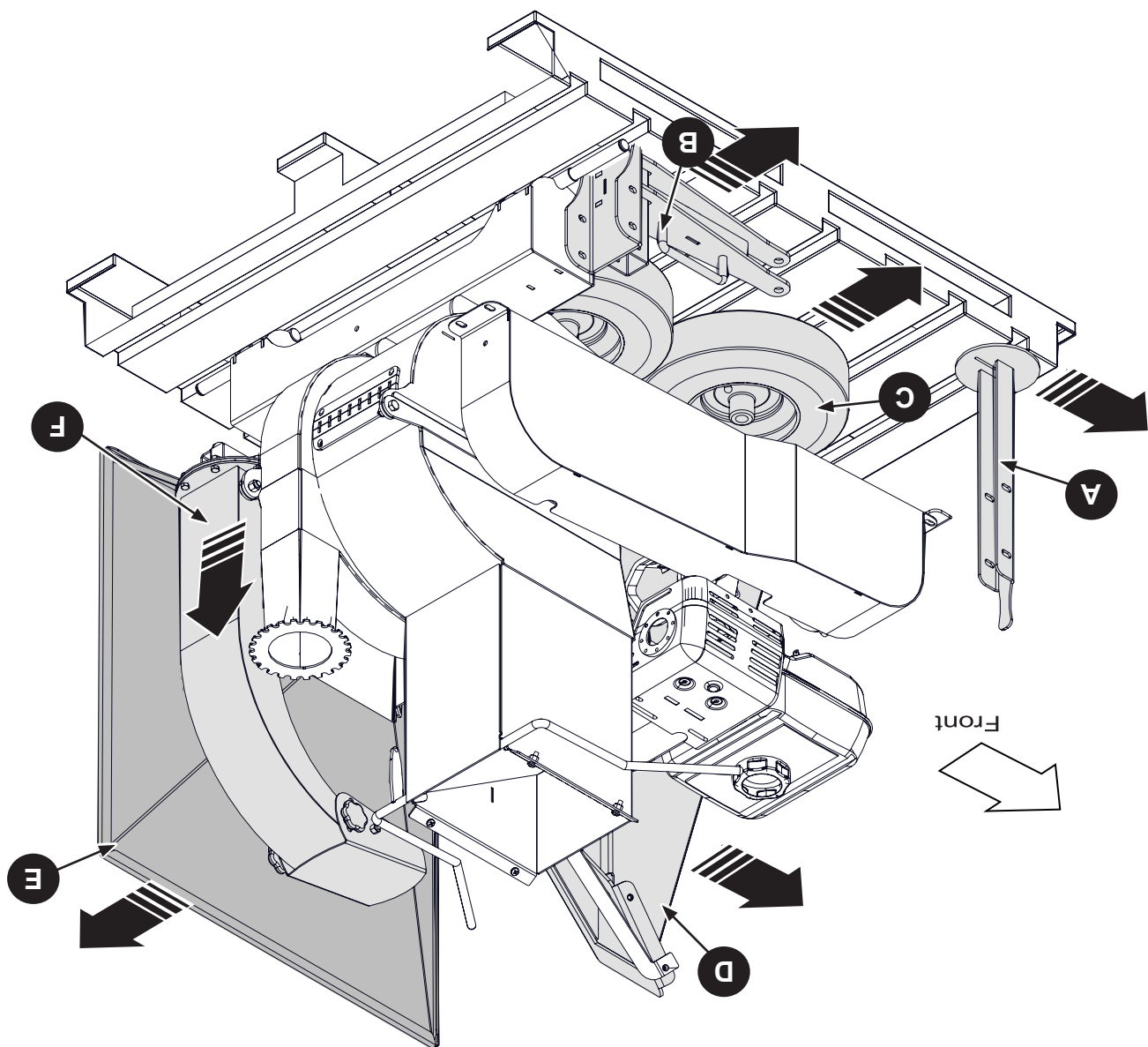




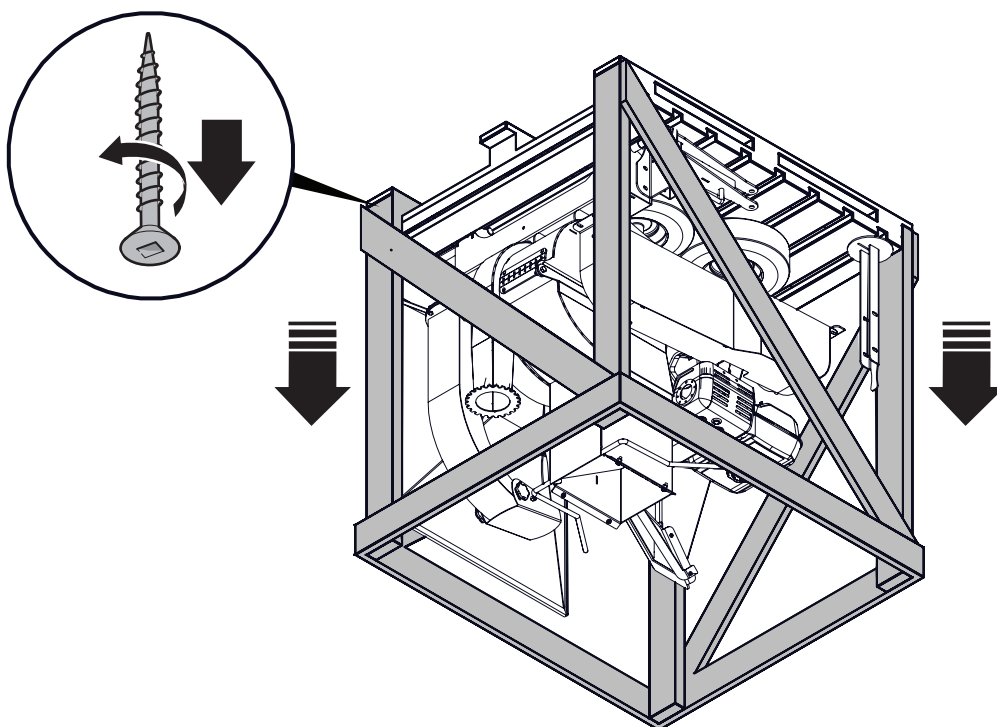
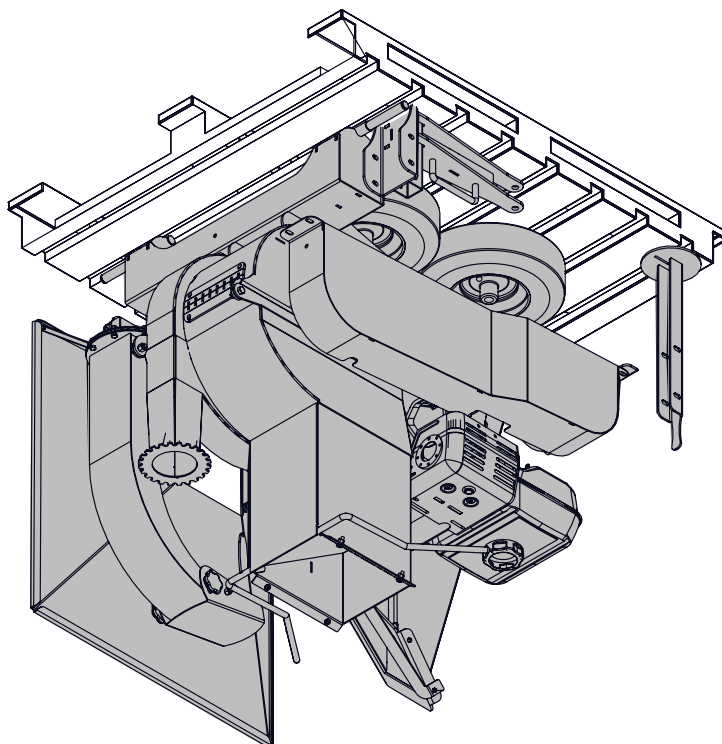


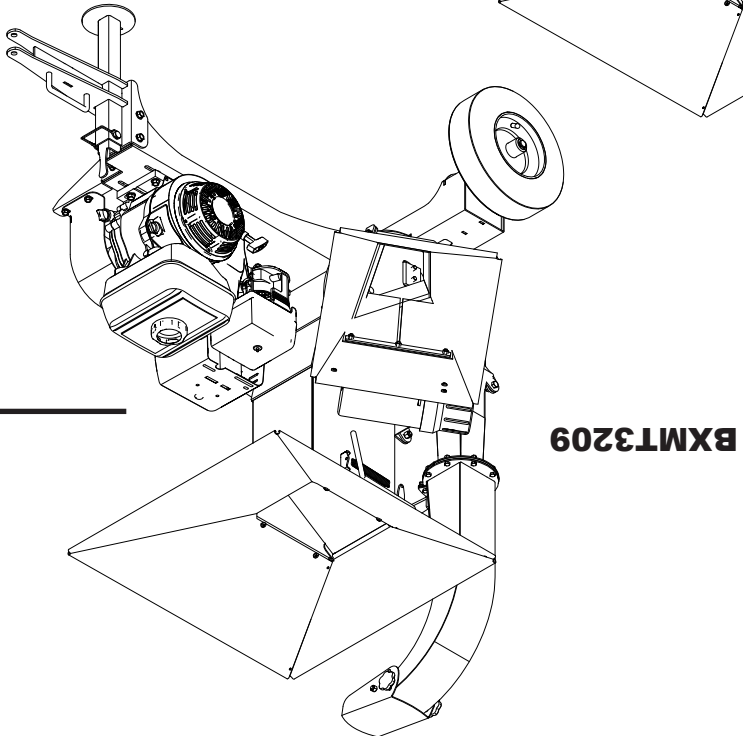
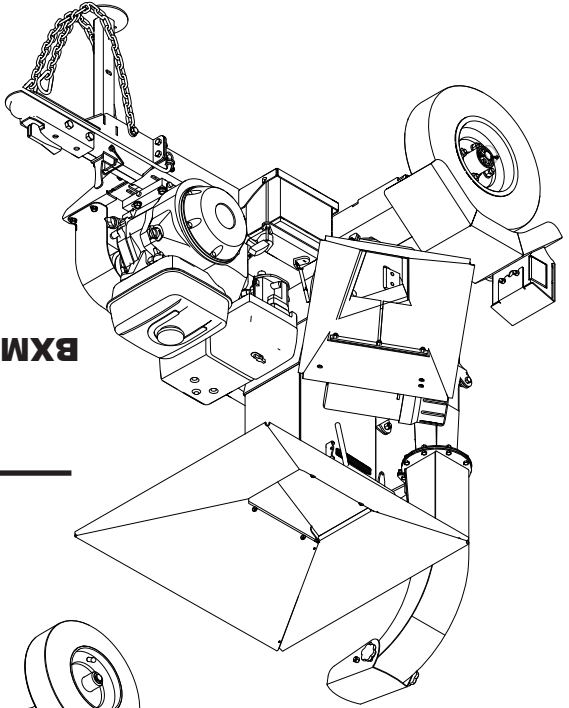
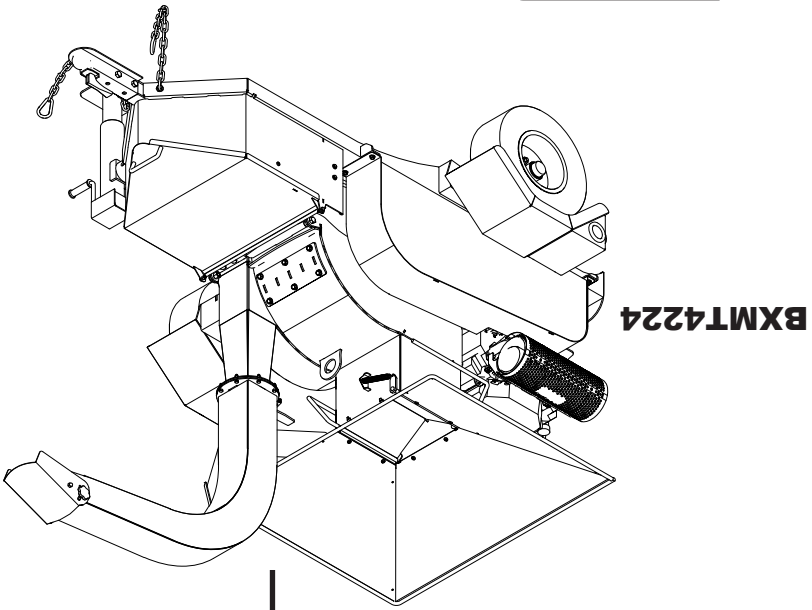






BXMT3209





I.

BXMT4224

BXMT3213

BXMT3209



La sécurité avant tout!

Lisez attentivement les directives d'assemblage avant de débiter. Assurez-vous de bien comprendre chacune des étapes avant de mettre en marche l'équipement. Familiarisez-vous avec tous les symboles de sécurité sur l'équipement ainsi que leur signification. Serrez tous les éléments de fixation selon les valeurs de couple spécifiées sur la page des spécifications du couple de serrage. Vérifiez à nouveau avant d'utiliser l'appareil.

AVERTISSEMENT!

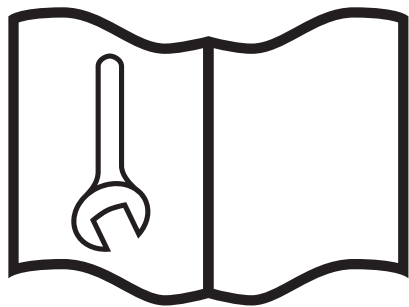
Positionnez la caisse dans une grande zone ouverte offrant un accès de tous les côtés pendant l'assemblage. Restez à distance des lignes électriques aériennes et de tout obstacle lorsque vous soulevez l'équipement pendant son assemblage. Le contact avec un câble électrique pour causer une électrocution. Le contact avec un obstacle peut endommager les composants ou entraîner leur défaillance. Gardez la zone où se fait l'assemblage propre pour éviter tout débordement ou glissement. Utilisez un treuil pour soulever les composants qui pèsent plus de 50 livres (23 kg) afin d'éviter des blessures au dos. Tous les dispositifs de levage (courroies, élingues, chaînes, poulies à cliquet) doivent être conformes aux certifications et aux règlements locaux applicables. Wallenstein Equipment Inc. ne peut assumer la responsabilité pour l'utilisation d'équipement et de pratiques de travail non conformes. Utilisez du matériel de levage ayant une capacité plus grande que le poids du composant. Placez les supports de sécurité ou les blocs de bois sous l'équipement afin de le stabiliser de façon sécuritaire avant d'y travailler pendant l'assemblage. Utilisez le bon outil pour accomplir le travail. Réparez ou remplacez les outils ou le matériel défectueux ou brisé. Les outils de fortune peuvent occasionner des risques à la sécurité. Un outil qui se brise ou qui vous glisse des mains pendant l'utilisation peut entraîner des blessures à l'utilisateur.

AVERTISSEMENT!

Évitez le risque de vous blesser ou d'endommager l'équipement! Lisez le guide de l'utilisateur avant d'utiliser l'équipement. Lisez attentivement tous les messages de sécurité dans le guide et observez tous les symboles de sécurité sur l'équipement.

IMPORTANT! Effectuez une inspection et soyez à l'affût de dommages résultant de la livraison, auquel cas veuillez communiquer sans délai avec la société de transport.

Remarque : Le dessus de la caisse ainsi que certaines pièces sont reliés au châssis mobile par des vis. La quincaillerie d'assemblage se trouve à l'intérieur du tube manuel de l'utilisateur. Les supports d'expédition ne sont pas réutilisés.



BXMT3209
BXMT3213
BXMT4224