4246491-Rev A



JACOBSEN®
A Textron Company

Accessory Manual

Turfcat® Flail Mower

956025 – 60 Inch Flail

⚠ WARNING

If incorrectly used, this machine can cause severe injury. Those who use and maintain this machine should be trained in its proper use, warned of its dangers, and should read the entire manual before attempting to set up, operate, adjust, or service the machine.

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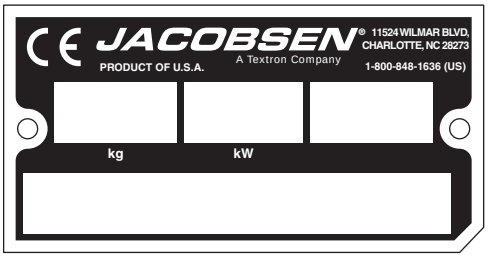
FOREWORD

This manual contains safety, set-up, adjustment, maintenance, and parts list for your new Jacobsen machine. This manual should be stored with the equipment for reference during operation.

Before you operate your machine, you and each operator you employ should read the manual carefully in its entirety. By following the safety, adjustment and maintenance instructions, you will prolong the life of your equipment and maintain its maximum efficiency.

If additional information is needed, contact your Jacobsen Dealer.

The serial plate is located on the left side of the flail housing. Jacobsen recommends you record these numbers below for easy reference.



Suggested Stocking Guide

To Keep your Equipment fully operational and productive, Jacobsen suggests you maintain a stock of the more commonly used maintenance items. We have included part numbers for additional support materials and training aids.

To order any of the following material:

1. Write your full name and complete address on your order form.
2. Explain where and how to make shipment:
   - ❑ UPS
   - ❑ Regular Mail
   - ❑ Overnight
   - ❑ 2nd Day
3. Order by the quantity desired, the part number, and the description of the part.
4. Send or bring the order to your authorized Jacobsen Dealer.

Service Parts

Qty.	Part No.	Description	Qty.	Part No.	Description
	338548	Belt, Drive		5001085	Blade Kit
	362226	Shackle		3002833	Blade
	3001978	Pin, Klik Type		64173-02	Pin, Snap Ring

Service Support Material

Qty.	Part No.	Description
	4246490	Deck Accessory Manual
	4246491	Flail Accessory Manual
	4201281	Turfcat Safety & Operation Manual

Qty.	Part No.	Description
	4201280	Turfcat Parts & Maintenance Manual
	4241622	600 Series Turfcat Repair Manual

Proposition 65 Warning

This product contains or emits chemicals known to State of California to cause cancer and birth defects or other reproductive harm.

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1 SAFETY

1.1 OPERATING SAFETY

⚠ WARNING

EQUIPMENT OPERATED IMPROPERLY OR BY UNTRAINED PERSONNEL CAN BE DANGEROUS.
Familiarize yourself with the location and proper use of all controls. Inexperienced operators should receive instruction from someone familiar with the equipment before being allowed to operate the machine.

1. Safety is dependent upon the awareness, concern, and prudence of those who operate or service the equipment. Never allow minors to operate any equipment.
2. It is your responsibility to read this manual and all publications associated with this equipment (Safety & Operation Manual, Engine Manual, Parts & Maintenance Manual, and attachments/accessories instruction sheets). If the operator cannot read English it is the owner's responsibility to explain the material contained in this manual to them.
3. Learn the proper use of the machine, the location and purpose of all the controls and gauges before you operate the equipment. Working with unfamiliar equipment can lead to accidents.
4. Never allow anyone to operate or service the machine or its attachments without proper training and instructions, or while under the influence of alcohol or drugs.
5. Wear all the necessary protective clothing and personal safety devices to protect your head, eyes, ears, hands, and feet. Operate the machine only in daylight or in good artificial light.
6. Evaluate the terrain to determine what accessories and attachments are needed to properly and safely perform the job. Only use accessories and attachments approved by Jacobsen.
7. Stay alert for holes in the terrain and other hidden hazards.
8. Inspect the area where the equipment will be used. Pick up all the debris you can find before operating. Beware of overhead obstructions (low tree limbs, electrical wires, etc.) and also underground obstacles (sprinklers, pipes, tree roots, etc.). Enter a new area cautiously. Stay alert for hidden hazards.
9. Never direct discharge of material toward bystanders, nor allow anyone near the machine while in operation. The owner/operator can prevent and is responsible for injuries inflicted to themselves, to bystanders, and damage to property.
10. Do not carry passengers. Keep bystanders and pets a safe distance away.
11. Never operate equipment that is not in perfect working order or is without decals, guards, shields, discharge deflectors, or other protective devices securely fastened in place.
12. Never disconnect or bypass any switch.
13. Do not change the engine governor setting or overspeed the engine.
14. Carbon monoxide in the exhaust fumes can be fatal when inhaled. Never operate the engine without proper ventilation or in an enclosed area.
15. Fuel is highly flammable, handle with care.
16. Keep the engine clean. Allow the engine to cool before storing and always remove the ignition key.
17. Disengage all drives and engage parking brake before starting the engine (motor). Start the engine only when sitting in operator's seat, never while standing beside the unit.
18. Equipment must comply with the latest federal, state, and local requirements when driven or transported on public roads. Watch out for traffic when crossing or operating on or near roads.
19. Local regulations may restrict the age of the operator.
20. Operate the machine up and down the face of slopes (vertically), not across the face (horizontally).
21. To prevent tipping or loss of control, do not start or stop suddenly on slopes. Reduce speed when making sharp turns. Use caution when changing directions.
22. Always use the seat belt when operating mowers equipped with a Roll Over Protective Structure (ROPS).

    Never use a seat belt when operating mowers without a ROPS.
23. Keep legs, arms, and body inside the seating compartment while the vehicle is in motion.
24. Disconnect batteries before performing any welding on this mower.

This machine is to be operated and maintained as specified in this manual and is intended for the professional maintenance of specialized turf grasses. It is not intended for use on rough terrain or long grasses.

1.2 IMPORTANT SAFETY NOTES

This safety alert symbol is used to alert you to potential hazards.

DANGER - Indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

WARNING - Indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

CAUTION - Indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury and property damage. It may also be used to alert against unsafe practices.

NOTICE - Indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage. It may also be used to alert against unsafe practices.

For pictorial clarity, some illustrations in this manual may show shields, guards, or plates, open or removed. Under no circumstances should this equipment be operated without these devices securely fastened in place.

WARNING

The Interlock System on this mower prevents the mower from starting unless the PTO switch is OFF and traction pedal is in Neutral. The system will stop the engine if the operator leaves the seat without traction pedal in Neutral or setting the PTO switch OFF.

NEVER operate mower unless the Interlock System is working.

WARNING

1. Before leaving the operator's position for any reason:
   a. Return traction pedal to Neutral.
   b. Disengage all drives.
   c. Lower all implements to the ground.
   d. Engage parking brake.
   e. Stop engine and remove the ignition key.
2. Keep hands, feet, and clothing away from moving parts. Wait for all movement to stop before you clean, adjust, or service the machine.
3. Keep the area of operation clear of all bystanders and pets.
4. Never carry passengers, unless a seat is provided for them.
5. Never operate mowing equipment without the discharge deflector securely fastened in place.

By following all instructions in this manual, you will prolong the life of your machine and maintain its maximum efficiency. Adjustments and maintenance should always be performed by a qualified technician.

If additional information or service is needed, contact your Authorized Jacobsen Dealer who is kept informed of the latest methods to service this equipment and can provide prompt and efficient service.

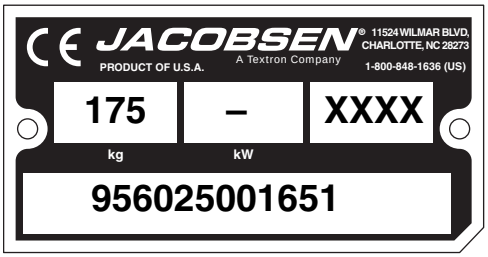
2 SPECIFICATIONS

2.1 PRODUCT IDENTIFICATION

956025 ..... 60 Inch Flail Mower, reversible rotor, leading caster wheels, rear roller, and hydraulic drive.

Serial Number ..... An identification plate, like the one shown, listing the serial number, is attached to the rear cross member of the frame.

Always provide the serial number of the unit when ordering replacement parts or requesting service information.



Turfcat 628 with Flail Mower

Product	EEC Sound Power
956025	103

2.2 OUTFRONT FLAIL MOWER

Flail Rotor ..... 144 double sided blades shackled to reversible rotor.
Cutting Width ..... 60 in. (1524 mm)
Height of cut..... 0 to 4 in. (0 to 102 mm)
Drive ..... 20 cc hydraulic gear motor
Caster Wheel ..... 11 x 4” Smooth Tires
Tire Pressure ..... 22 - 24 psi (1.52 - 1.65 BAR)
Shipping Weight..... 366 lbs. (166 kg)

2.3 DECLARATION OF INCORPORATION

DECLARATION OF INCORPORATION ▪ ДЕКЛАРАЦИЯ ЗА ОБЕДИНЕНИЕ ▪ PROHLÁŠENÍ O ZALOŽENÍ SPOLEČNOSTI ▪ INKORPORERINGSERKLÆRING ▪ INCORPORATIEVERKLARING ▪ KINNITUS ÜHENDAMISE KOHTA ▪ ASENNUSTODISTUS ▪ DECLARATION D'INCORPORATION ▪ EINBAUBESCHEINIGUNG ▪ ΔΗΛΩΣΗ ΜΗ ΣΥΜΜΟΡΦΩΣΗΣ ▪ BEÉPÍTÉSI NYILATKOZAT ▪ DICHIARAZIONE DI INCORPORAZIONE ▪ NOFORMĒŠANAS DEKLARĀCIJA ▪ PRIJUNGIMO DEKLARACIJA ▪ DIKJARAZZJONI TA' INKORPORAZZJONI ▪ DEKLARACJA ZGODNOŚCI DLA PODZESPOŁU ▪ DECLARAÇÃO DE INCORPORAÇÃO ▪ DECLARAȚIE DE ÎNCORPORARE ▪ VYHLÁSENIE O ZABUDOVANÍ SÚČASTI ▪ IZJAVA ZA VGRADNJO ▪ DECLARACIÓN DE INCORPORACIÓN ▪ INBYGGNADSDEKLARATION

Business name and full address of the manufacturer ▪ Търговско име и пълен адрес на производителя ▪ Obchodní jméno a plná adresa výrobce ▪ Producentens firmanavn og fulde adresse ▪ Bedrijfsnaam en volledig adres van de fabrikant ▪ Tootja ärinimi ja täielik aadress ▪ Valmistajan toiminimi ja täydellinen osoite ▪ Nom commercial et adresse complète du fabricant ▪ Firmenname und vollständige Adresse des Herstellers ▪ Επωνυμία και ταχυδρομική διεύθυνση κατασκευαστή ▪ A gyártó üzleti neve és teljes címe ▪ Ragione sociale e indirizzo completo del fabbricante ▪ Uzņēmuma nosaukums un pilna ražotāja adrese ▪ Verslo pavadinimas ir pilnas gamintojo adresas ▪ Isem kummerċjali u indirizz sħiħ tal-fabbrikant ▪ Nazwa firmy i pełny adres producenta ▪ Nome da empresa e endereço completo do fabricante ▪ Denumirea comercială și adresa completă a producătorului ▪ Obchodný názov a úplná adresa výrobcu ▪ Naziv podjetja in polni naslov proizvajalca ▪ Nombre de la empresa y dirección completa del fabricante ▪ Tillverkarens företagsnamn och kompletta adress	Jacobsen, A Textron Company 11524 Wilmar Blvd. Charlotte, NC 28273, USA

Description and identification of the partly completed machinery. ▪ Описание и идентификация на частично завършените машини. ▪ Popis a identifikace částečně dokončeného strojního zařízení. ▪ Beskrivelse og identifikation af den delvist fremstillede maskine. ▪ Beschrijving en identificatie van de gedeeltelijk voltooide machinerie. ▪ Osaliselt komplekteeritud masina kirjeldus ja määratlus. ▪ Osittain kootun laitteiston kuvaus ja määrittely. ▪ Description et identification de la quasi-machine. ▪ Bezeichnung und Identifizierung der teilgefertigten Vorrichtung ▪ Περιγραφή και προσδιορισμός ημιτελούς μηχανήματος. ▪ A részlegesen megépített gép leírása és meghatározása. ▪ Descrizione e identificazione della quasi-macchina ▪ Da ļēji pabeigtas iekārtas apraksts un identifikācija. ▪ Dalinai užbaigtos įrangos aprašymas ir identifikacija. ▪ Deskrizzjoni u identifikazzjoni tal-makkinarju li jkun lest parzjalment. ▪ Opis i oznaczenie częściowo ukończonego urządzenia ▪ Descriç ão e identificação do equipamento parcial ▪ Descrierea și identificarea echipamentului finalizat parțial ▪ Opis a identifikácia podzostavy strojného zariadenia ▪ Opis in identifikacija delno dokončanega stroja. ▪ Descripción e identificación de la maquinaria parcialmente completada. ▪ Beskrivning och identifiering av maskindelarna.

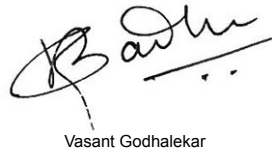
Product Code	Serial Number	Description
956025	956025002001 ~ 956025003000	Turfcat 60 In. (1524 mm) Flail Mower

We undertake to transmit, in response to a reasoned request by the national authorities, relevant information on the partly completed machinery. This shall be by hardcopy and shall be without prejudice to the intellectual property rights of the manufacturer of the partly completed machinery.
Ние обещаваме да предадем, в отговор на основателно искане от националните органи, съответна информация за частично завършените машини. Това ще се осъществи чрез документ и няма да бъде в нарушение на правата за интелектуална собственост на производителя на частично завършените машини.
Zavazujeme se na základě zdůvodněné žádosti ze strany národních úřadů poskytnout příslušné informace o částečně dokončeném strojním zařízení. Informace budou předány v tištěné podobě a nepoškodí práva k duševnímu vlastnictví výrobce týkající se částečně dokončeného strojního zařízení.
Som svar på en begrundet anmodning fra de nationale myndigheder forpligter vi os til at videregive oplysninger om den delvist fremstillede maskine. Dette bliver gjort i papirudgave og med forbehold for de immaterielle rettigheder, som indehaves af producenten af den delvist fremstillede maskine.
We zijn van plan, in reactie op een redelijk verzoek van de nationale autoriteiten, relevante informatie over de gedeeltelijk voltooide machinerie te verzenden. Dit wordt gedaan in de vorm van fysieke kopieën en deze kopieën zullen onder alle voorbehoud behoren tot de intellectuele eigendomsrechten van de fabrikant van de gedeeltelijk voltooide machinerie.
Me kohustume riigisiseste asutuste põhjendatud nõudmisel edastama asjakohast teavet osaliselt komplekteeritud masina kohta. Andmed edastatakse paberkandjal ning sellega ei tohi piirata osaliselt komplekteeritud masina tootja õigusi intellektuaalsele omandile.
Sitoudumme toimittamaan osittain koottua laitteistoa koskevat olennaiset tiedot vastineena kansallisten viranomaisten perusteltuun pyyntöön. Tiedot toimitetaan paperitulosteena. Ne eivät rajoita valmistajan osittain koottua laitteistoa koskevia immateriaalioikeuksia.
Nous nous engageons à fournir, en réponse à une demande rationnelle des autorités nationales, toute information appropriée concernant la quasi-machine. Ceci se fera par copie papier et sans préjuger des droits de propriété intellectuelle du fabricant de la quasi-machine.
Wir verpflichten uns, auf eine begründete Aufforderung durch die nationalen Behörden hin, relevante Informationen über die teilgefertigte Maschine zu übersenden. Diese werden als Ausdruck übersandt und dürfen sich nicht nachteilig auf die Rechte am geistigen Eigentum des Herstellers der teilgefertigten Maschine auswirken.
Αναλαμβάνουμε να μεταβιβάσουμε, προς απάντηση εύλογης αίτησης των εθνικών αρχών, τις σχετικές πληροφορίες όσον αφορά το ημιτελές μηχάνημα. Αυτό θα πρέπει να γίνει γραπτώς και δίχως να θίγει τα πνευματικά δικαιώματα του κατασκευαστή του ημιτελούς μηχανήματος.
Vállaljuk, hogy átadjuk – a nemzeti hatóságok megalapozott kérésére válaszul – a részlegesen megépített gépre vonatkozó információkat. Az információkat nyomtatott példányban adjuk át. A nyomtatott példány átadása a részlegesen megépített gép gyártójának szellemi tulajdonjogaira tett kötelezettség nélkül történik.
Ci impegniamo a trasmettere, in risposta ad una richiesta adeguatamente motivata delle autorità nazionali, informazioni pertinenti sulla quasi-macchina. L'impegno sarà redatto in forma cartacea e lascerà impregiudicati i diritti di proprietà intellettuale del fabbricante della quasi-macchina.
Atsaucoties uz pamatotu valsts iestāžu pieprasījumu, mēs apņemamies nodot saistīto informāciju par daļēji pabeigtu iekārtu. Tā būs cietā kopija un neradīs kaitējumus daļēji pabeigtās iekārtas ražotāja intelektuālā īpašuma tiesībām.
Atsakydami į nacionalinių valdžios organų užklausą, pateikiame informaciją apie dalinai užbaigtus mechanizmus. Šis dokumentas yra atspausdintas elektroninio originalo variantas ir be jokio išankstinio nusistatymo neturi tikslo pažeisti dalinai užbaigto mechanizmo gamintojo intelektualinės nuosavybės teisių.
Aħna nwieġħdu li nipprežentaw, meta mitlubin mill-awtoritajiet nazzjonali, l-informazzjoni relevanti dwar il-makkinarju li jkun lest parzjalment. Din l-informazzjoni għandha tkun f'forma stampata u mingħajr preġudizzju għad-drittijiet tal-proprjetà intelletwali tal-fabbrikant tal-makkinarju li jkun lest parzjalment.
Na uzasadnioną prośbę instytucji państwowych zobowiązujemy się do przekazania wszelkich informacji na temat częściowo ukończonego urządzenia. Będą one przekazane na piśmie. Strona przekazująca w/wym. dokumentację nie będzie rościła sobie żadnych praw do własności intelektualnej producenta częściowo ukończonego urządzenia.
Na sequência de pedido razoável por parte das autoridades nacionais, comprometemo-nos a transmitir informações importantes sobre o equipamento parcial. Tal será feito por meio de hardcopy
e sem prejuízo para os direitos de propriedade intelectual do fabricante do equipamento parcial.
Ne angajăm să transmitem, ca răspuns la o solicitare motivată a autorităților naționale, informații relevante privind echipamentul finalizat parțial. Aceasta se va efectua în format hârtie și fără a aduce atingere drepturilor de proprietate intelectuală ale producătorului echipamentului finalizat parțial.
Zaväzujeme sa, že na základe odôvodnenej požiadavky národných orgánov predložíme dôležité informácie o podzostave strojného zariadenia.
Musí to byť v tlačenej forme a bez ujmy na právach duševného vlastníctva výrobcu podzostavy strojného zariadenia.
Zavezujemo se, da bomo na utemeljeno zahtevo nacionalnih organov predložili zadevne informacije o delno dokončanem stroju. Informacije bodo v tiskani obliki in ne bodo posegale v pravice intelektualne lastnine proizvajalca delno dokončanega stroja.
Nos comprometemos a transmitir, en respuesta a una petición razonada por parte de las autoridades nacionales, información relevante sobre la maquinaria parcialmente completada. Ésta será transmitida en copia impresa y no afectará a los derechos de propiedad intelectual del fabricante de la maquinaria parcialmente completada.
Vi åtar oss att vidarebefordra relevant information om maskindelarna vid en motiverad förfrågan från nationella myndigheter. Informationen ska erhållas i form av papperskopior och ska vara utan men för maskindelstillverkarens immateriella rättigheter.

Partly completed machinery must not be put into service until the final machinery into which it is to be incorporated has been declared in conformity with the provisions of Directive 2006/42/EC. Частично завършените машини не трябва да бъдат пускана в употреба, докато крайните машини, в които са вградени, не са приведени в съответствие с постановленията на директива 2006/42/ЕО. Částečně dokončené zařízení nesmí být uvedeno do provozu, dokud konečné zařízení, do kterého bylo uvedené zařízení namontováno, neodpovídá ustanovením Směrnice č. 2006/42/EC. Delvist fremstillede maskiner må ikke indsættes i driften, før den endelige maskine, som den skal inkorporeres i, er blevet erklæret I overensstemmelse med bestemmelserne i Direktiv 2006/42/EF. Gedeeltelijk voltooide machinerie mag niet in dienst worden genomen, totdat er voor de definitieve machinerie, waarvan gedeeltelijk voltooide machinerie onderdeel uitmaakt, een conformiteitsverklaring is ontvangen onder de voorwaarden van Richtlijn 2006/42/EG. Osaliselt komplekteeritud masinat ei tohi kasutusele võtta enne, kui lõplikult komplekteeritud masin, millega see ühendatakse, on tunnistatud direktiivi 2006/42/EÜ sätetele vastavaks. Osittain koottua laitteistoa ei saa ottaa käyttöön, ennen kuin lopullinen laitteisto, johon se asennetaan, on vakuutettu direktiivin 2006/42/EY säännösten mukaiseksi. La quasi-machine ne doit pas être mise en service avant que la machine finale dans laquelle elle doit être incorporée n'ait été déclarée conforme aux dispositions de la directive 2006/42/CE Die teilgefertigte Vorrichtung darf erst in Betrieb genommen werden, wenn die Konformität der Maschine, in die sie eingebaut wird, entsprechend den Bestimmungen der Richtlinie 2006/42/EG erklärt worden ist. Θα πρέπει να εκτελεστεί σέρβις στο ημιτελές μηχάνημα μέχρι το τελικό μηχάνημα στο οποίο θα ενσωματωθεί να έχει τη δήλωση συμμόρφωσης, σύμφωνα με τις διατάξεις της Οδηγίας 2006/42/ΕΚ. A részlegesen megépített gépet tilos üzembe helyezni mindaddig, amíg a 2006/42/EK irányelv rendelkezéseivel összhangban a részlegesen megépített gépet be nem építik a végleges változatba, és erről nem nyilatkoznak. La quasi-macchina non deve essere messa in servizio finché la macchina finale in cui deve essere incorporata non è stata dichiarata conforme, nel caso, alle disposizioni della Direttiva 2006/42/CE. Daļēji pabeigtu iekārtu nedrīkst nodot ekspluatācijā, līdz galīgā iekārta, kurā tā ir jāiebūvē, ir deklarēta atbilstoši direktīvas Nr. 2006/42/EK noteikumiem. Dalinai užbaigto mechanizmo negalima paleisti kol kiti mechanizmai, kurie dar bus prijungti, nebus patvirtinti kaip atitinkantys 2006/42/EC Direktyvos reikalavimus. Il-makkinarju li jkun parzjalment lest ma g ħandux jibda jitħaddem sakemm il-makkinarju finali li fih ikun se ji ġi inkorporat ikun ġie ddikjarat konformi mad-dispożizzjonijiet tad-Direttiva 2006/42/KE. Urządzenia częściowo ukończonego nie wolno użytkować aż do orzeczenia zgodności urządzenia w postaci kompletnej z wymaganiami dyrektywy 2006/42/WE. O equipamento parcial não poderá entrar em funcionamento antes do mecanismo final no qual vai ser incorporado ser declarado como estando em conformidade com as condições da Directiva 2006/42/CE. Echipamentul finalizat parțial nu trebuie pus în funcțiune până ce echipamentul final în care va fi încorporat nu este declarat ca fiind conform cu prevederile Directivei 2006/42/CE. Podzostava strojného zariadenia nesmie byť uvedená do prevádzky, pokiaľ finálne strojné zariadenie, ktorého sa stane súčasťou, nebude vyhlásené ako zhodné s ustanoveniami smernice 2006/42/ES. Delno dokončanega stroja ni dovoljeno dati v obratovanje, dokler se dokončani stroj, v katerega se vgradi delno dokončani stroj, ne potrdi kot skladen z določbami Direktive 2006/42/ES. La maquinaria parcialmente completada no debe ponerse en servicio hasta que la maquinaria final a la que debe incorporarse cumpla con las provisiones de la Directiva 2006/42/CE. Maskindelarna får ej tas i bruk förrän maskinen som delen tillhör har deklarerats som överensstämmande med föreskrifterna I direktivet 2006/42/EG.	These accessories have been designed to be fitted to the Jacobsen T628D Turfcat

2 SPECIFICATIONS

The place and date of the declaration • Място и дата на декларацията • Místo a datum prohlášení • Sted og dato for erklæringen • Plaats en datum van de verklaring • Deklaratsiooni väljastamise koht ja kuupäev • Vakuutuksen paikka ja päivämäärä • Lieu et date de la déclaration • Ort und Datum der Erklärung • Τόπος και ημερομηνία δήλωσης • A nyilatkozat kelte (hely és idő) • Luogo e data della dichiarazione • Deklarācijas vieta un datums • Deklaracijos vieta ir data • Il-post u d-data tad-dikjarazzjoni • Miejsce i data wystawienia deklaracji • Local e data da declaração • Locul şi data declaraţiei • Miesto a dátum vyhlásenia • Kraj in datum izjave • Lugar y fecha de la declaración • Plats och datum för deklarationen	Jacobsen, A Textron Company 11524 Wilmar Blvd. Charlotte, NC 28273, USA Jan 31st, 2011

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Certificate Number • Номер на сертификат • Číslo osvědčení • Certifikatnummer • Certificaatnummer • Sertifikaadi number • Hyväksyntänumero • Numéro de certificat • Bescheinigungsnummer • Αριθμός Πιστοποιητικού • Hitelesítési szám • Numero del certificato • Sertifikāta numurs • Sertifikato numeris • Numru taċ-Ċertifikat • Numer certyfikatu • Número do Certificado • Număr certificat • Číslo osvedčenia • Številka certifikata • Número de certificado • Certifikatsnummer	4246491 Rev A

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IT	**LV**	**LT**	**MT**	**PL**	**PT**	**RO**	**SK**	**SI**	**ES**	**SE**
italiano	latviešu valoda	lietuvių kalba	Malki	polski	português	Română	slovenčina	slovenščina	Ελληνικά	Svenska

3.1 DECALS

Familiarize yourself with the decals, they are critical to the safe operation of the mower. REPLACE DAMAGED DECALS IMMEDIATELY.

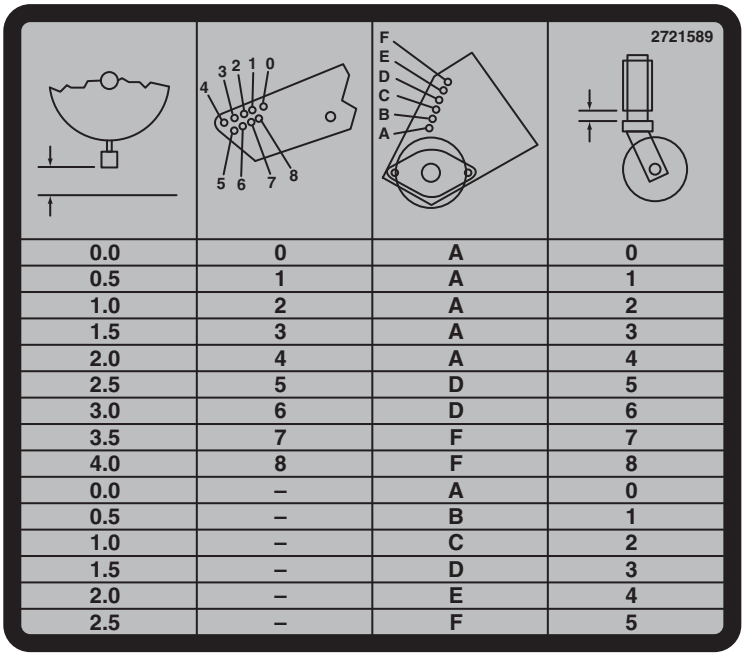




DANGER

Serious injury or death can result from blade contact or from objects being thrown very long distances.

- Do not operate mower with discharge chute or guards flipped up or removed.
- Do not operate mower with bent or damaged components or with cutting units in the raised position.
- Keep yourself and others away from the mower when in operation.



0.0	0	A	0
0.5	1	A	1
1.0	2	A	2
1.5	3	A	3
2.0	4	A	4
2.5	5	D	5
3.0	6	D	6
3.5	7	F	7
4.0	8	F	8
0.0	–	A	0
0.5	–	B	1
1.0	–	C	2
1.5	–	D	3
2.0	–	E	4
2.5	–	F	5

Height of Cut Decal

- Column 1 - Height of Cut.
- Column 2 - Push arm HOC pin position.
- Column 3 - Roller bracket HOC position.
- Column 4 - HOC spacers below housing block.





4 SET-UP

4.1 GENERAL

The set-up and testing of the unit should always be performed by a trained technician, familiar with the operation of the equipment.

Read each instruction completely and make sure you understand it before proceeding with the assembly. Stay alert for potential hazards and obey all safety precautions.

The RIGHT, LEFT, FRONT, and REAR of the machine are referenced from the operator's position, facing forward.

⚠ CAUTION

Do not attempt to operate the machine unless you are familiar with this type of equipment and know how to operate all controls correctly.

4.2 DECK VALVE HOSE ASSEMBLY

1. Remove caps **(E)** from pressure and return ports of deck valve.
2. Inspect o-rings on deck valve fittings for damage. Replace if necessary.
3. Assemble 48-3/4 in. (1238 mm) hose **(A)** to pressure port of deck valve. Torque connection to 48 ft. lb. (65 Nm).
4. Assemble 45-7/8 in. (1165 mm) hose **(B)** to return port of deck valve. Torque connection to 48 ft. lb. (65 Nm).
5. Locate drain hose **(C)** secured to underside of floorboard. Remove plug **(F)** from end of hose.
6. Assemble 19 in. (483 mm) hose **(D)** to drain hose **(C)**. Torque connection to 17 ft. lb. (23 Nm).

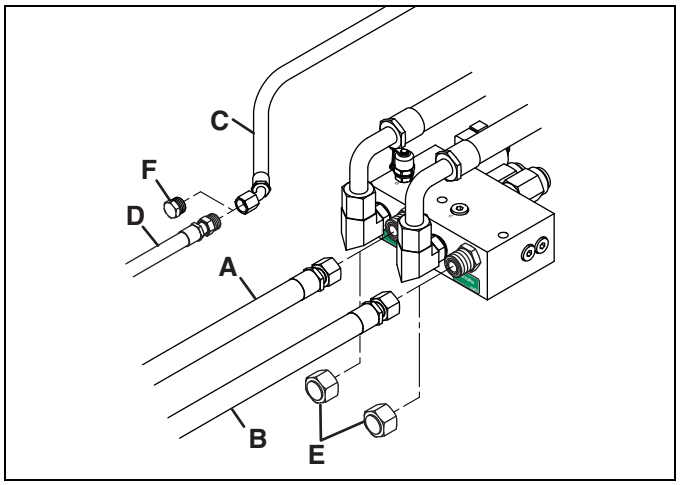


Figure 4A

4.3 PUSH ARM ASSEMBLY

1. Assemble the left **(G)** and right **(H)** push arms to front axle of mower using two 5/8-18 x 3" screws, lockwashers, and nuts **(J)**.

Note: *Left side push arm **(G)** has the larger offset.*

2. Roll flail towards mower, lining up push arm brackets with push arms.
3. Assemble 3/16 x 1-1/4 in. cotter pin **(K)** to push arm pivot pins **(L)**. Bend one end of cotter pin back against pivot pin. Repeat for second pivot pin.
4. With cotter pins towards inside of mower, insert pivot pins **(L)** through push arm brackets and push arms. Secure pivot pins using hair pins **(M)**.

Note: *If necessary, raise the front of the cutting unit onto a block to allow push arm and bracket holes to line up.*

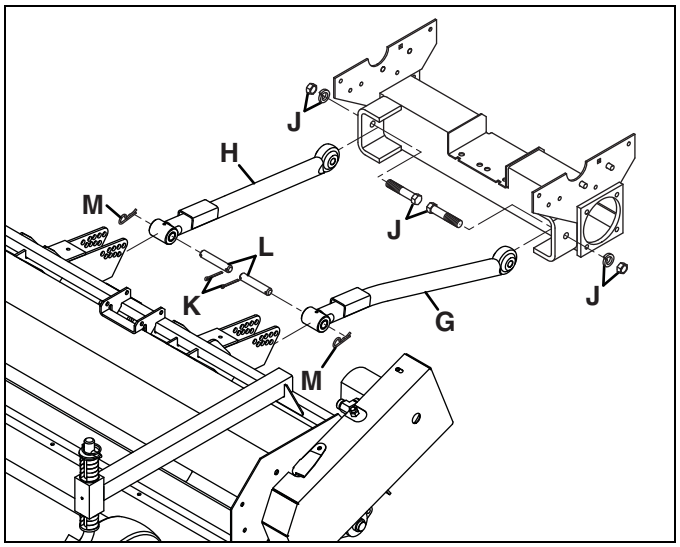


Figure 4B

4.4 LIFT SUPPORT PLATE

1. Assemble lift support plate **(N)** to flail housing using four 3/8-16 x 1" screws and nylock nuts **(P)**

Note: *Use top and middle holes on left side of plate and top and bottom holes on right side of plate.*

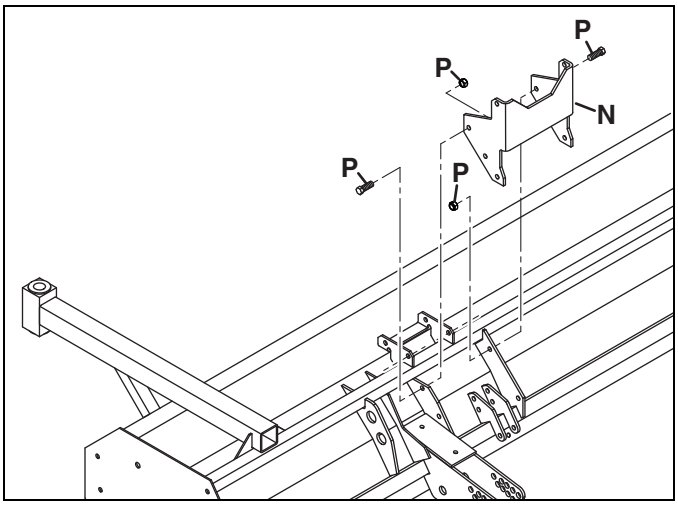


Figure 4C

4.5 MOTOR HOSE CONNECTIONS

1. Assemble pressure hose **(A)** to 90° pressure motor fitting. Torque connection to 48 ft. lb. (65 Nm).
2. Assemble return hose **(B)** to 90° return motor fitting. Torque connection to 48 ft. lb. (65 Nm).
3. Assemble drain hose **(D)** to drain port fitting on motor. Torque connection to 17 ft. lb. (23 Nm).
4. Assemble clamp **(T)** to pressure and return hoses and flail housing using one 5/16-18 x 2-1/2" screw **(U)**, lockwasher **(V)**, and nylock nut **(W)**.
5. Assemble rubber strip **(S)** to hose clamp **(R)**. Secure drain hose to return hose using clamp **(R)**.

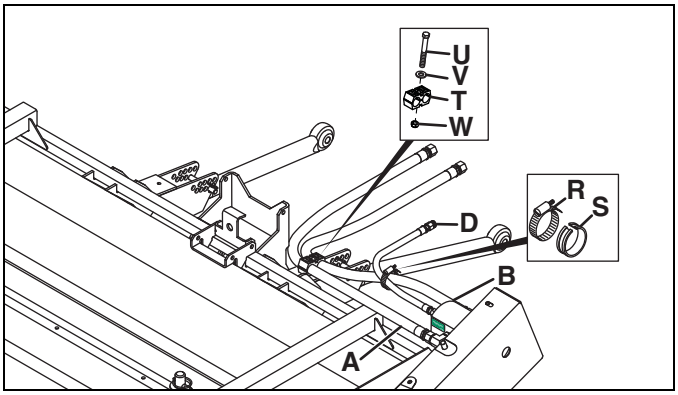


Figure 4D

4.6 DECK STOPS

1. Assemble deck stop **(X)** to mower using 5/16-18 x 1" screws and nylock nuts **(Y)**. Repeat on other side of mower.
2. Assemble rubber bumpers **(Z)** to deck stops **(X)** using flange nuts **(AA)**.

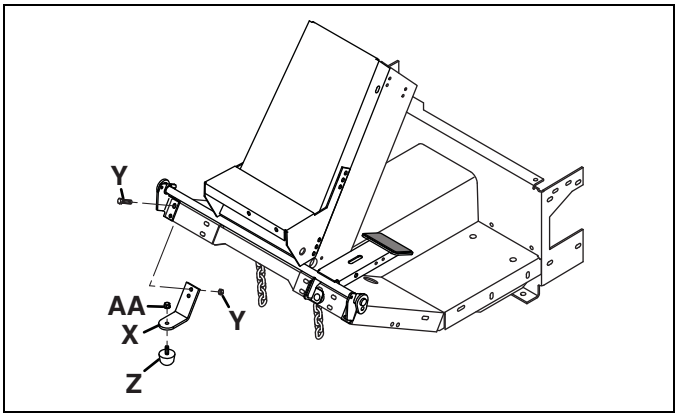


Figure 4E

4.7 LIFT CHAINS AND SPRINGS

1. Start engine and fully lower lift chains.
2. Assemble lift chains **(AB)** to flail lift plate **(N)** using two 5/16-18 x 1-1/4" screws, flat washers, and centerlock nut **(AC)**. Do not over tighten nut, chain must be able to pivot on screw.
3. Start engine and fully raise flail.
4. Thread 3/8-16 flange nut **(AF)** onto 3/8-16 x 1-1/2" screw **(AD)**. Insert screw into spring mount on mower and secure with second flange nut. Repeat for second screw and flange nuts.
5. Hook springs **(AE)** onto screws **(AF)**.
6. Assemble springs **(AE)** to bracket on flail housing using two 3/8-16 x 1" screws, flat washers **(AG)**, spacers **(AH)**, and flange nuts **(AG)**.

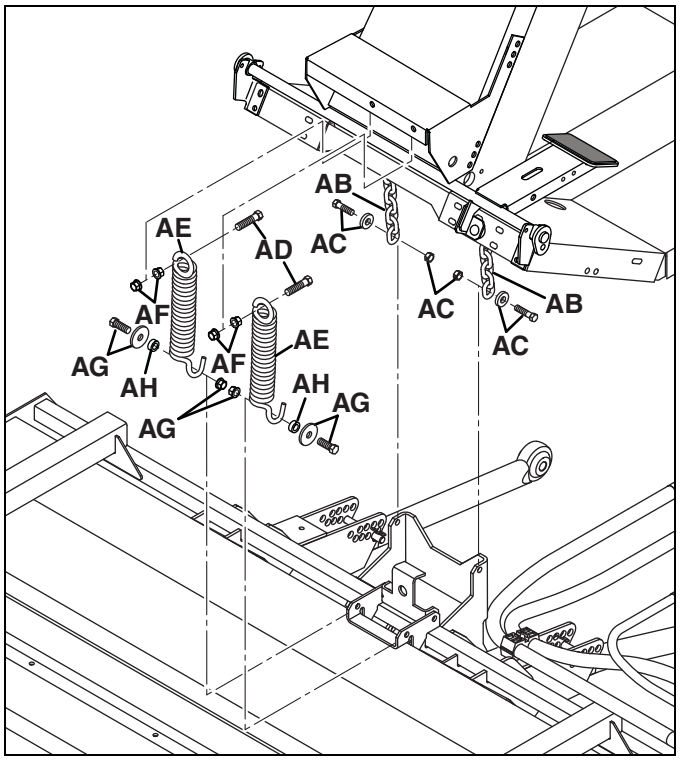


Figure 4F

4.8 CASTER WHEELS

1. Refer to the height of cut decal and **Section 5.2** to determine placement of spacers.

Note: *Eight 1/2 in. (13 mm), one 1/4 in. (6 mm), and one 1/8 in. (3 mm) spacers are used for each caster wheel. 1/4 in. (6 mm) and 1/8 in. (3 mm) spacers should always be on top of 1/2 in. spacers.*

2. Assemble specified number of 1/2 in. (13 mm) **(AJ)** spacers onto caster wheel shaft **(AK)** to match customer height of cut requirement.
3. Insert caster wheel shaft **(AK)** into caster blocks **(AL)** of flail housing.
4. Assemble remaining 1/2 in. (13 mm) spacers **(AJ)**, 1/4 in. (6 mm) spacer **(AM)**, and 1/8 in. (3 mm) spacer **(AN)** onto caster wheel shaft. Secure using klik type pin **(AP)**.
5. Repeat for second caster wheel.

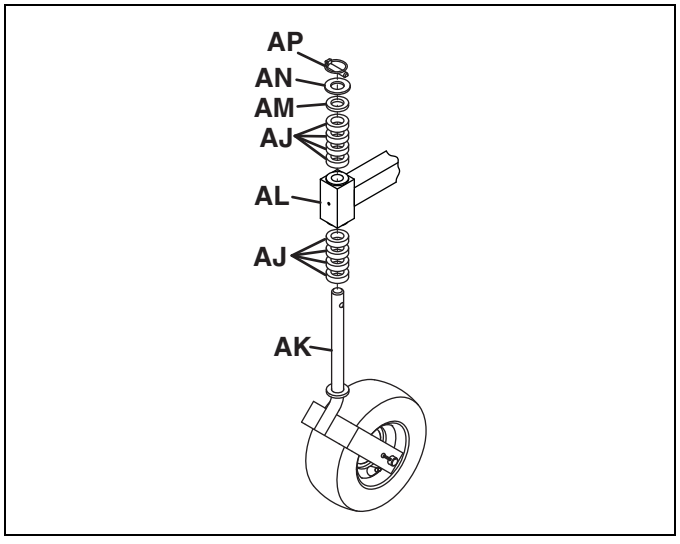


Figure 4G

4.9 INSPECTION

⚠ CAUTION

The inspection should be performed only when the engine is off and all fluids are cold.
Disengage all drives, engage parking brake, stop engine, and remove key.

1. Perform a visual inspection of the entire unit, look for signs of wear, loose hardware, and components that may have been damaged during transport.
2. Inspect paint and decals for damage or scratches. Decals provide important operating and safety information. Replace all missing or hard to read decals.
3. Start engine, lower flail mower, engage PTO switch, and operate motor for one minute to purge air from the system. Check rotation of flail rotor. Rotor should rotate counter-clockwise when viewed from left (drive) side of mower.

Note: *If rotor rotation is not correct, reverse pressure and return hoses at hydraulic motor.*

4. Check the hydraulic fluid level. Add additional hydraulic fluid as required.
5. Visually check for hydraulic fluid leaks at deck valve and flail motor.

⚠ WARNING

To prevent serious injury from hot, high pressure oil, never use your hands to check for oil leaks, use paper or cardboard.

Hydraulic fluid escaping under pressure can have sufficient force to penetrate skin. If fluid is injected into the skin it must be surgically removed within a few hours by a doctor familiar with this form of injury or gangrene may result.

6. Lubricate the flail mower.
   - Caster wheel shaft (2) **(A)**.
   - Rotor bearing housing (2) **(B)**.
   - Roller bearing (2) **(C)**.
   - Push arm (2) **(D)**.

Note: *Lubricate with grease that meets or exceeds NLGI Grade 2 LB specifications. Apply grease with a manual grease gun and fill slowly until grease begins to seep out. Do not use compressed air guns.*

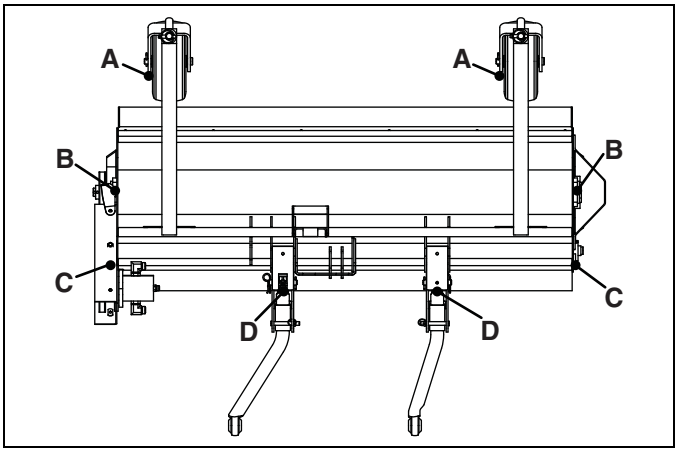


Figure 4H

7. Set height of cut. **See Section 5.2**.

5 ADJUSTMENTS

5.1 GENERAL

⚠ WARNING

To prevent injury, lower implements to the ground, disengage all drives, engage parking brake, stop engine, and remove key from ignition switch before making any adjustments or performing maintenance.

Make sure the mower is parked on a solid and level surface. Never work on a mower that is supported only by the jack. Always use jack stands.

If only the front or rear of the mower is raised, place chocks in front of and behind the wheels that are not raised.

1. Adjustments and maintenance should always be performed by a qualified technician. If proper adjustment cannot be made, contact an authorized Jacobsen Dealer.
2. Replace, do not adjust, worn or damaged components.
3. Long hair, jewelry, or loose fitting clothing may get tangled in moving parts.

⚠ CAUTION

Be careful to prevent entrapment of the hands and fingers between moving and fixed components of the machine.

4. Do not change governor settings or overspeed the engine.

5.2 HEIGHT OF CUT

Cutting height for flail mower can be adjusted in one of two ways, depending on turf conditions and type of cut desired. Refer to height of cut decal, and/or the following chart to set height of cut.

For normal operation cutting height can be adjusted between 0 and 4 in. (0 and 102 mm) in 1/2 in. (13 mm) increments by changing the location of push arm pins **(A)** and number of spacers under housing caster blocks. This method lifts the rear roller slightly off the ground to provide anti-scalping control.

To improve anti-scalping control, or create stripping effects, cutting height can be adjusted between 0 and 2.5 in. (64 mm) by removing push arm pins **(A)**, changing location of roller brackets, and number of spacers **(F)** under housing caster blocks.

Note: *Actual cutting height may vary somewhat from the heights given, depending on turf conditions, caster tire pressure, and other factors. When cutting undulation areas, lower cutting heights may cause scalping. Adjust height accordingly to prevent turf damage.*

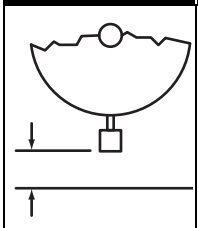
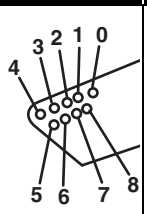
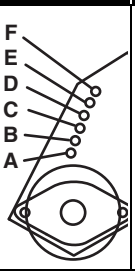
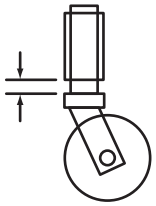
⚠ WARNING

To prevent injury, lower flail until it is resting completely on supports. This will prevent it from accidentally lowering when making adjustments. Disengage all drives, engage parking brake, stop engine, and remove the ignition key.

1. Park the mower on a flat and level surface. Raise the flail until the caster wheels are 3-4 in. (75-100 mm) off the ground. Stop engine and remove the key. Place blocks under flail so it is supported on all sides.
2. Assemble push arm pin **(A)** into indicated hole. Secure with snap ring pin **(B)**. Repeat for other push arm.

Note: *Make certain that height of cut is set the same on both sides of mower.*

3. If roller bracket adjustment is necessary, remove hardware **(C)** from both sides of mower. Adjust roller brackets **(D)** so hardware **(C)** can be inserted into the indicated hole. Make certain hardware **(C)** is properly tightened.
4. Remove klik type pin **(E)** and spacers above caster housing block. Remove caster assembly.
5. Assemble specified number of 1/2 in. (13 mm) **(F)** spacers onto caster wheel shaft **(G)** to match customer height of cut requirement.
6. Insert caster wheel shaft **(G)** into housing caster blocks **(H)**.
7. Assemble remaining 1/2 in. (13 mm) spacers **(F)**, 1/4 in. (6 mm) spacer **(J)**, and 1/8 in. (3 mm) spacer **(K)** onto caster wheel shaft. Secure using klik type pin **(L)**.
8. Repeat for second caster wheel.

Height of Cut In. (mm)	Push Arm Pin	Rear Roller	Spacer Placement
			
0 (0)	0	A	0
0.5 (13)	1	A	1
1.0 (25)	2	A	2
1.5 (38)	3	A	3
2.0 (51)	4	A	4
2.5 (64)	5	D	5
3.0 (76)	6	D	6
3.5 (87)	7	F	7
4.0 (102)	8	F	8
0 (0)	–	A	0
0.5 (13)	–	B	1
1.0 (25)	–	C	2
1.5 (38)	–	D	3
2.0 (51)	–	E	4
2.5 (64)	–	F	5

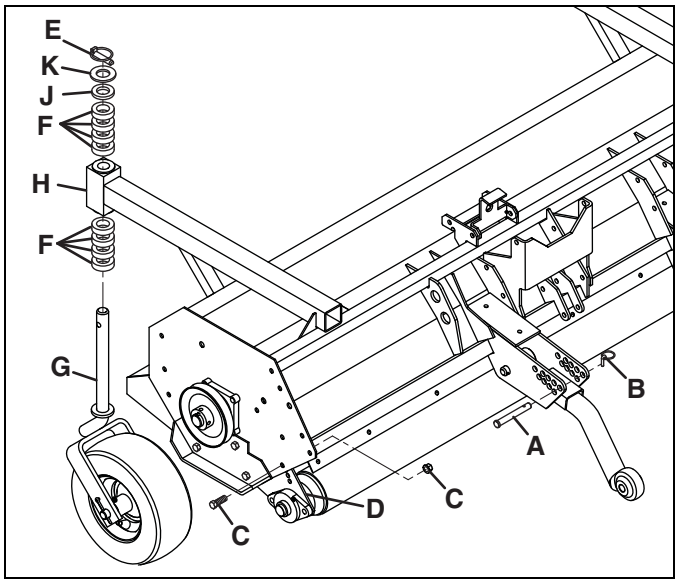


Figure 5A

5.3 DRIVE BELT

Keep belt and pulleys clean. Belt is self adjusting. Inspect belt periodically and replace if it appears worn or frayed.

1. To replace belt, remove belt cover. Loosen hex nut **(L)** to relieve belt tension. Install new belt as shown.
2. To set proper belt tension, adjust hex nuts **(L)** as required to obtain spring length of 4 ± 1/16 in. (102 ± 1.6 mm).
3. Install belt cover.

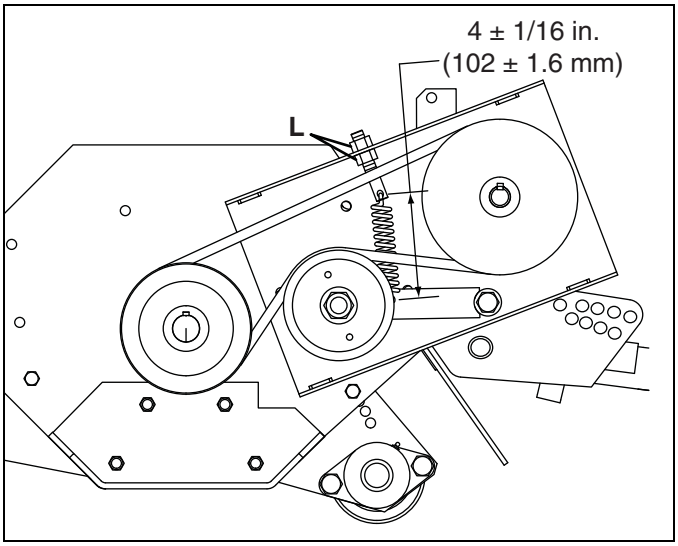


Figure 5B

5.4 TORQUE SPECIFICATION

NOTICE

All torque values included in these charts are approximate and are for reference only. Use of these torque values is at your sole risk. Jacobsen is not responsible for any loss, claim, or damage arising from the use of these charts. **Extreme caution should always be used when using any torque value.**

Jacobsen uses Grade 5 bolts as standard, unless otherwise noted.

AMERICAN NATIONAL STANDARD FASTENERS			
SIZE	UNITS	 GRADE 5	 GRADE 8
#6-32	in-lbs (Nm)	20 (2.3)	–
#8-32	in-lbs (Nm)	24 (2.7)	30 (3.4)
#10-24	in-lbs (Nm)	35 (4.0)	45 (5.1)
#10-32	in-lbs (Nm)	40 (4.5)	50 (5.7)
#12-24	in-lbs (Nm)	50 (5.7)	65 (7.3)
1/4-20	in-lbs (Nm)	95 (10.7)	125 (14.1)
1/4-28	in-lbs (Nm)	95 (10.7)	150 (17.0)
5/16-18	in-lbs (Nm)	200 (22.6)	270 (30.5)
5/16-24	in-lbs (Nm)	240 (27.1)	300 (33.9)
3/8-16	ft-lbs (Nm)	30 (40.7)	40 (54.2)
3/8-24	ft-lbs (Nm)	35 (47.5)	45 (61.0)

AMERICAN NATIONAL STANDARD FASTENERS			
SIZE	UNITS	 GRADE 5	 GRADE 8
7/16-14	ft-lbs (Nm)	50 (67.8)	65 (88.1)
7/16-20	ft-lbs (Nm)	55 (74.6)	70 (94.9)
1/2-13	ft-lbs (Nm)	75 (101.7)	100 (135.6)
1/2-20	ft-lbs (Nm)	85 (115.3)	110 (149.2)
9/16-12	ft-lbs (Nm)	105 (142.4)	135 (183.1)
9/16-18	ft-lbs (Nm)	115 (155.9)	150 (203.4)
5/8-11	ft-lbs (Nm)	150 (203.4)	195 (264.4)
5/8-18	ft-lbs (Nm)	160 (217.0)	210 (284.8)
3/4-10	ft-lbs (Nm)	170 (230.5)	220 (298.3)
3/4-16	ft-lbs (Nm)	175 (237.3)	225 (305.1)
7/8-14	ft-lbs (Nm)	300 (406.8)	400 (542.4)

METRIC FASTENERS							
SIZE	UNITS	 4.8	 5.8	 8.8	 10.9	 12.9	Non Critical Fasteners into Aluminum
M4	Nm (in-lbs)	1.2 (11)	1.7 (15)	2.9 (26)	4.1 (36)	5.0 (44)	2.0 (18)
M5	Nm (in-lbs)	2.5 (22)	3.2 (28)	5.8 (51)	8.1 (72)	9.7 (86)	4.0 (35)
M6	Nm (in-lbs)	4.3 (38)	5.7 (50)	9.9 (88)	14.0 (124)	16.5 (146)	6.8 (60)
M8	Nm (in-lbs)	10.5 (93)	13.6 (120)	24.4 (216)	33.9 (300)	40.7 (360)	17.0 (150)
M10	Nm (ft-lbs)	21.7 (16)	27.1 (20)	47.5 (35)	66.4 (49)	81.4 (60)	33.9 (25)
M12	Nm (ft-lbs)	36.6 (27)	47.5 (35)	82.7 (61)	116.6 (86)	139.7 (103)	61.0 (45)
M14	Nm (ft-lbs)	58.3 (43)	76.4 (55)	131.5 (97)	184.4 (136)	219.7 (162)	94.9 (70)

6.1 GENERAL

⚠ WARNING

Before you clean, adjust, or repair this equipment, disengage all drives, engage parking brake, and stop engine to prevent injuries.

Whenever performing maintenance other than carburetor adjustments, remove the spark plug wire, and place the wire away from the plug to prevent accidental starting and bodily injury.

1. Adjustment and maintenance should always be performed by a qualified technician. If proper adjustments cannot be made, contact an Authorized Jacobsen.
2. Inspect the equipment on a regular basis, establish a maintenance schedule, and keep detailed records.
   a. Keep the equipment clean.
   b. Keep all moving parts properly adjusted and lubricated.
   c. Replace worn or damaged parts before operating the machine.
   d. Keep all fluids at their proper levels.
   e. Keep shields in place and all hardware securely fastened.
   f. Keep tires properly inflated.
3. Long hair, jewelry, or loose fitting clothing may get tangled in moving parts.
4. Use the illustrations in the Parts Catalog as reference for the disassembly and reassembly of components.
5. Recycle or dispose of all hazardous materials (batteries, fuel, lubricants, anti-freeze, etc.) according to local, state, or federal regulations.
6. Wash the mower and accessories after each use. Keep the equipment clean.
7. Repair damaged metal surfaces and use Jacobsen Orange touch-up paint.

6.2 CASTER WHEELS

It is important to keep the same inflation pressure on both tires to prevent uneven cutting.

Check the tire pressure once a month while the tires are cool. Use an accurate low pressure tire gauge.

Keep tires properly inflated to 22-24 psi (1.52 to 1.65 BAR) to prolong tire life.

⚠ CAUTION

Unless you have the proper training, tools, and experience, DO NOT attempt to mount a tire on a rim. Improper mounting can produce an explosion that may result in serious injury.

6.3 HYDRAULIC HOSES

⚠ WARNING

To prevent serious injury from hot, high pressure oil, never use your hands to check for oil leaks, use paper or cardboard.

Hydraulic fluid escaping under pressure can have sufficient force to penetrate skin. If fluid is injected into the skin it must be surgically removed within a few hours by a doctor familiar with this form of injury or gangrene may result.

1. Always lower implements to ground, disengage all drives, engage parking brake, stop engine, and remove key before inspecting or disconnecting hydraulic lines or hoses.
2. Check visible hoses and tubes daily. Look for wet hoses or oil spots. Replace worn or damaged hoses and tubes before operating the machine.
3. Keep the hose from twisting. Twisted hoses can cause couplers to loosen as the hose flexes during operation resulting in oil leaks.
4. Kinked or twisted hoses can restrict the oil flow causing the system to malfunction and the oil to overheat and also lead to hose failure.
5. The replacement tube or hoses must be routed in the same path as the existing hose, do not move clamps, brackets, and ties to a new location.
6. Refer to the Turfcat Parts & Maintenance manual for additional information.

6.4 FLAIL BLADE INSPECTION

Every 50 hours or whenever the flail is removed from the mower, carefully examine the shackles and blades to ensure they are in good operating condition.

⚠ CAUTION

Operating the flail with missing or damaged parts can cause severe vibration and damage to other components.

1. Remove any debris that is wound around the rotor.
2. If only a few of the blades are worn on one side, remove blades and rotate them 180° when assembling.
3. If all of the blades are worn on one side, the entire rotor can be removed and rotated 180°. Refer to the parts list as an aid in removing the rotor.
   a. Remove belt cover, drive belt, and rotor pulley.
   b. Remove bumper guard.
   c. Remove skid shoes and rotor bearing bolts from both sides of flail housing.
   d. Slide rotor out of housing (bearings do not have to be removed from rotor), rotate rotor 180°, and slide rotor back into housing.

6.5 STORAGE

General

1. Remove the flail from the mower. Clean the flail thoroughly and lubricate. Whenever possible, use compressed air to clean mower.
2. Assemble protective plugs or caps to hydraulic fittings and hoses
3. Repair and paint damaged or exposed metal.
4. Inspect the flail, tighten all hardware, replace worn or damaged components. Apply oil to cutting edges of blades.
5. Support the flail housing so the load is off the tires and roller.
6. Keep the flail clean, dry, and protected from the elements during storage.
7. Do not store near flammable debris.

After Storage

1. Remove oil from the cutting edges.
2. Check tire pressure.
3. Assemble flail to mower. Operate flail for one minute to purge air from system.

⚠ WARNING

Never operate the engine without proper ventilation. Exhaust fumes can be fatal if inhaled.

7.1 HOW TO USE THE PARTS CATALOG

Abbreviations

N/S - Not serviced separately, can only be obtained by ordering main component or kit.

AR -Variable quantity or measurement is required to obtain correct adjustment.

Symbols such as ●, next to the item number, indicate that a note exists which contain additional information important in ordering that part.

Indented Items

Indented items indicate component parts that are included as part of an assembly or another component. These parts can be ordered separately or as part of the main component.

Item	Part No.	Qty	Description	Serial Numbers/Notes
● 1	123456	1	Mount, Valve	*Indicates a piece part*
2	789012	1	Valve, Lift	*Includes Items 2 and 3*
3	345678	1	• Handle	*Serviced part included with Item 2*
4	N/S	1	• Seal Kit	*Non serviced part included with Item 2*
5	901234	1	Screw, 1/4-20 x 2” Hex Head	

7.2 TO ORDER PARTS

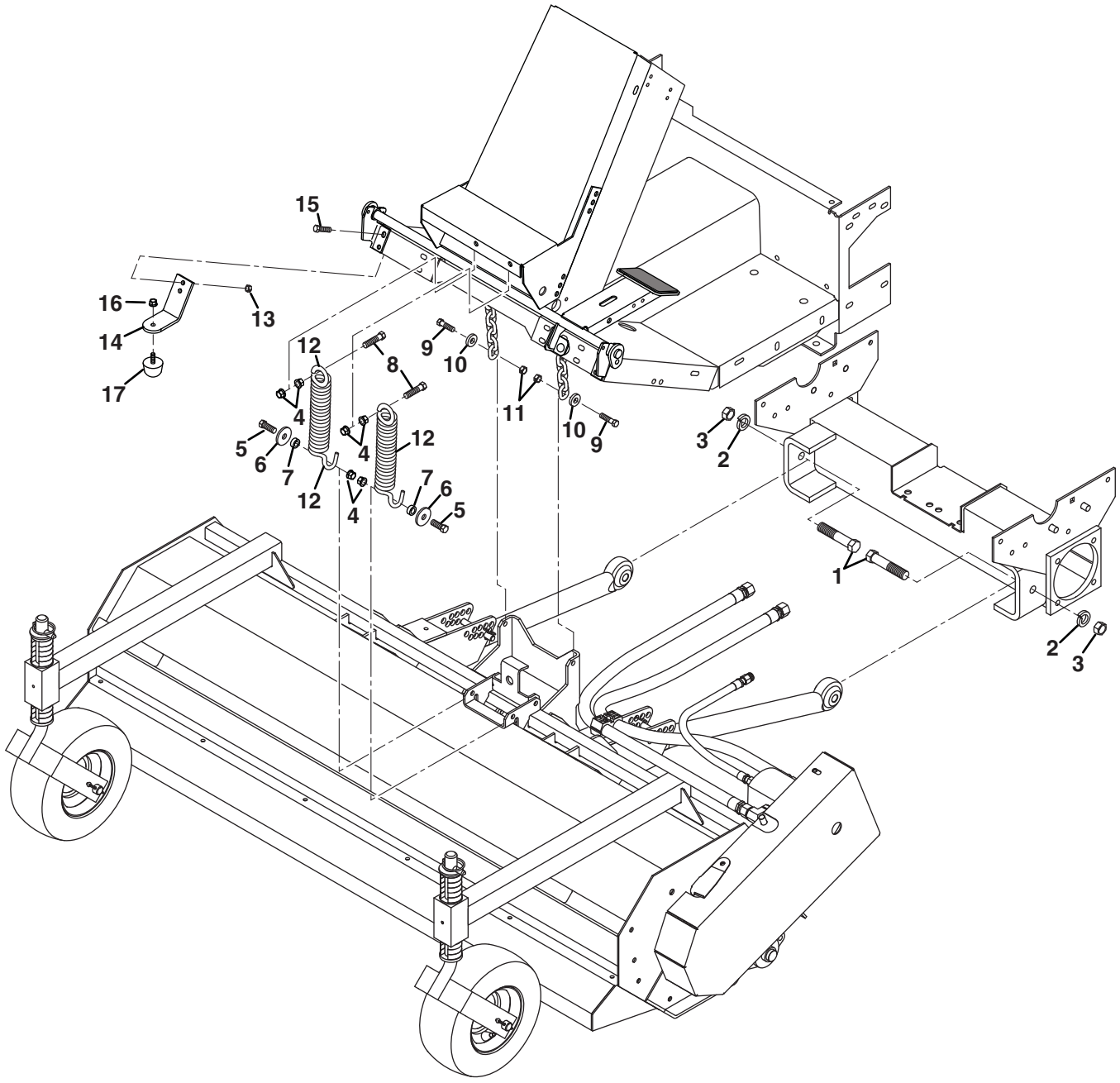
1. Write your **full** name and **complete** address on the order.
2. Explain where and how to make shipment.
3. Give product number, name and serial number that is stamped on the name plate or serial plate of your product.
4. Order by the quantity desired, the part number, and description of the part as given in the parts list.
5. Send or bring the order to an authorized Jacobsen Distributor.
6. Inspect all shipments on receipt. If any parts are damaged or missing, file a claim with the carrier before accepting.
7. Do not return material without a letter of explanation, listing the parts being returned. Transportation charges must be prepaid.

7.3 PARTS CATALOG TABLE OF CONTENTS

1.1 Flail Attachment 20
2.1 Flail Push Arms 22
3.1 Flail Housing 24
4.1 Drive Belt 26
5.1 Flail Caster Wheels 28

1.1 Flail Attachment

Serial No. All

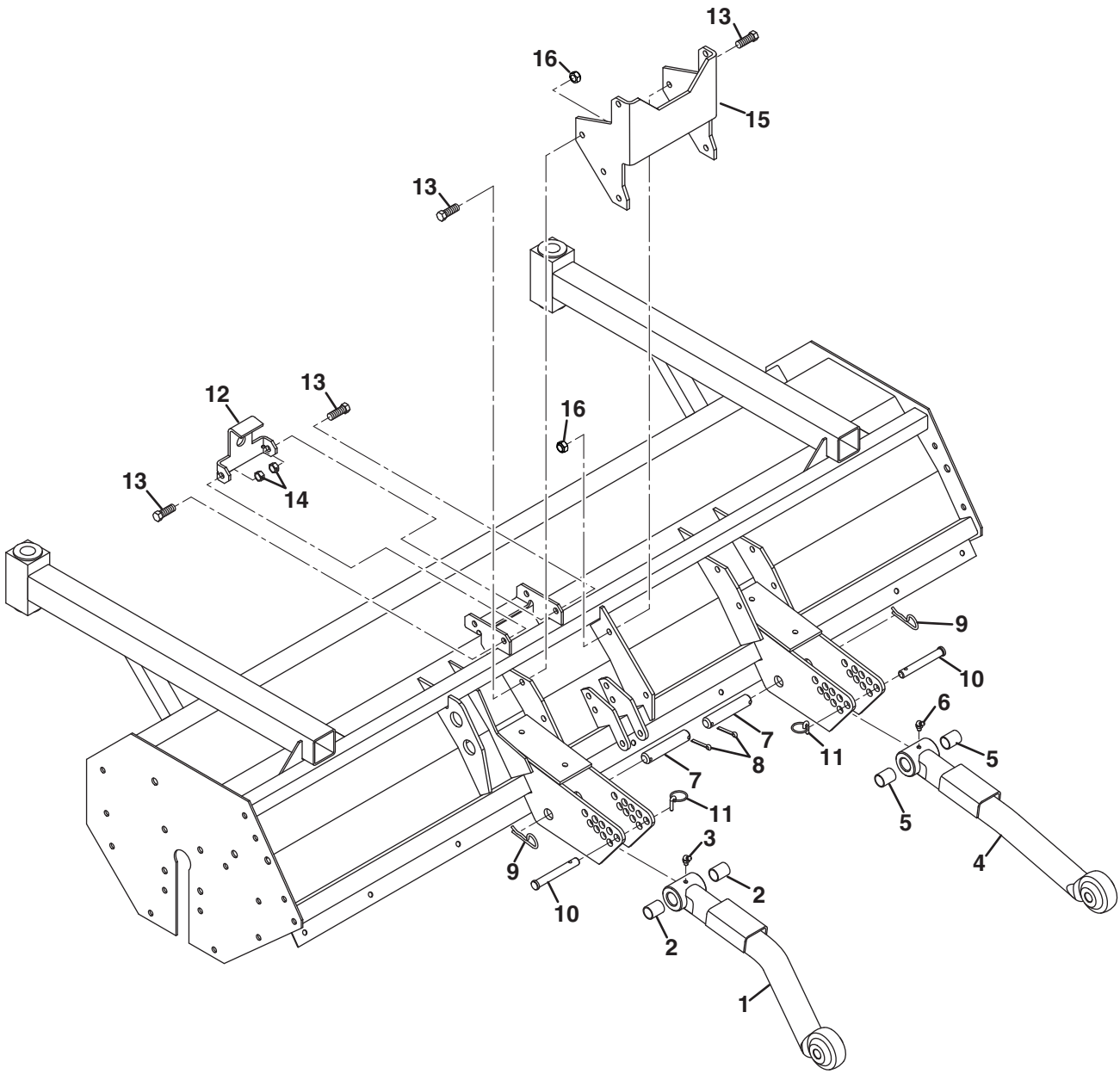


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	64123-133	2	Screw, 5/8-18 x 3” Hex Head	
2	446166	2	Lockwasher, 5/8	
3	443128	2	Nut, 5/8-18 Hex	
4	64141-4	6	Nut, 3/8-16 Whiz Lock Flange	
5	400262	2	Screw, 3/8-16 x 1” Hex Head	
6	64163-53	2	Flat Washer, 3/8	
7	23009A	2	Spacer	
8	400266	2	Screw, 3/8-16 x 1-1/2” Hex Head	
9	400190	2	Screw, 5/16-18 x 1-1/4” Hex Head	
10	366653	2	Flat Washer, 5/16	
11	444718	2	Locknut, 5/16-18 Hex Center	
12	2198162	2	Spring, Extension	
13	445816	2	Nut, 5/16-18 Nylock Hex	
14	2721174.7	2	Bracket, Flail Up Stop	
15	400188	4	Screw, 5/16-18 x 1” Hex Head	
16	64141-6	2	Nut, 5/16-18 Whiz Lock Flange	
17	523126	2	Bumper, Rubber	

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2.1 Flail Push Arms

Serial No. All

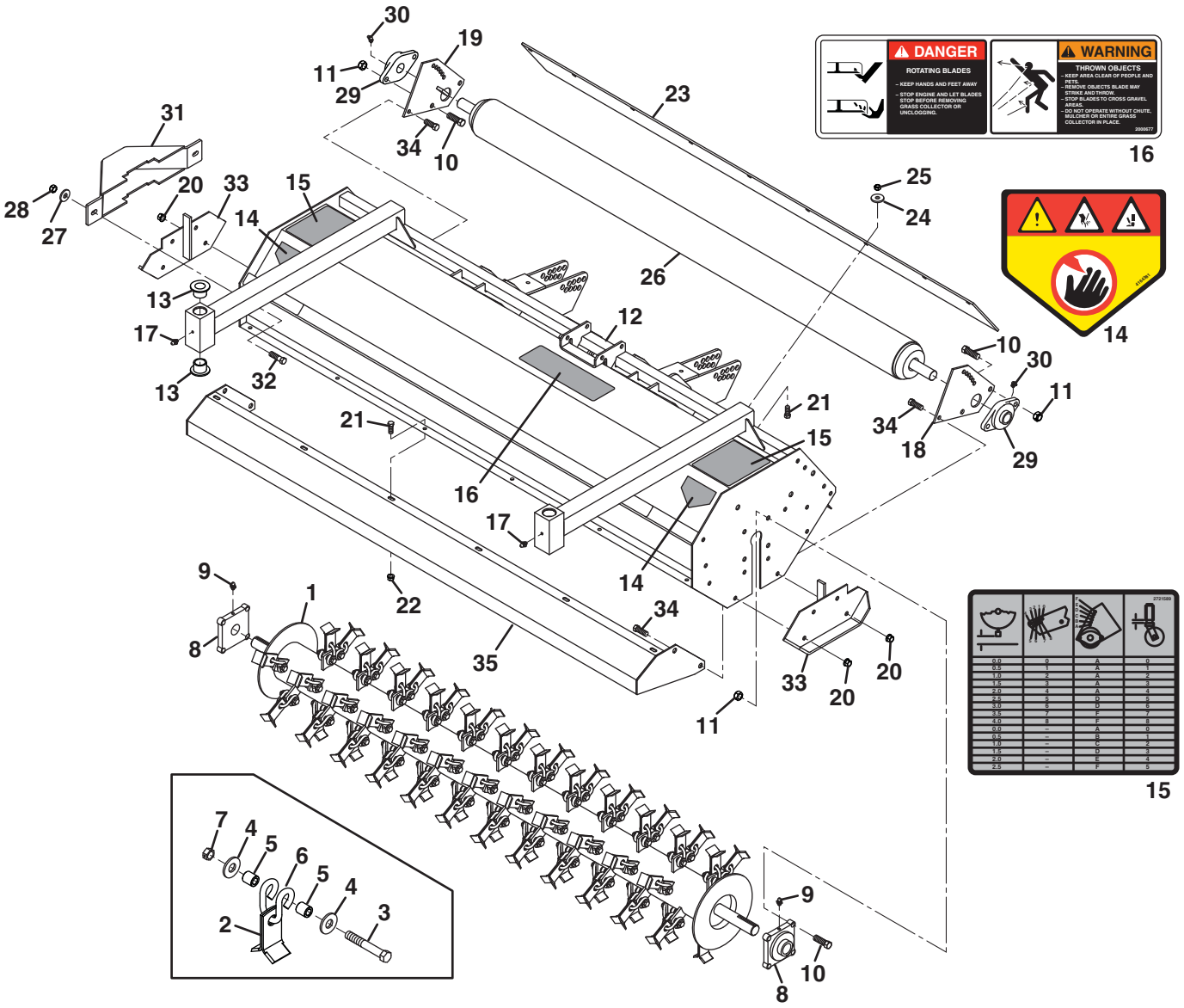


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	2721219	1	Push Arm, Left Side	
2	343539	2	• Bushing	
3	108102	1	• Grease Fitting, 65°	
4	2721218	1	Push Arm, Right Side	
5	343539	2	• Bushing	
6	108102	1	• Grease Fitting, 65°	
7	363215	2	Shaft, Push Arm Pivot	
8	460050	2	Cotter Pin, 3/16 x 1-1/4”	
9	460316	2	Hair Pin	
10	3000439	2	Clevis Pin, 1/2 x 3-3/4	
11	64173-02	2	Pin, Snap Ring	
12	2192390.7	1	Hook, Deck	
13	400262	6	Screw, 3/8-16 x 1” Hex Head	
14	444762	2	Locknut, 3/8-16 Hex Center	
15	2720791.7	1	Plate, Lift Support	
16	445806	4	Nut, 3/8-16 Nylock Hex	

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3.1 Flail Housing

Serial No. All

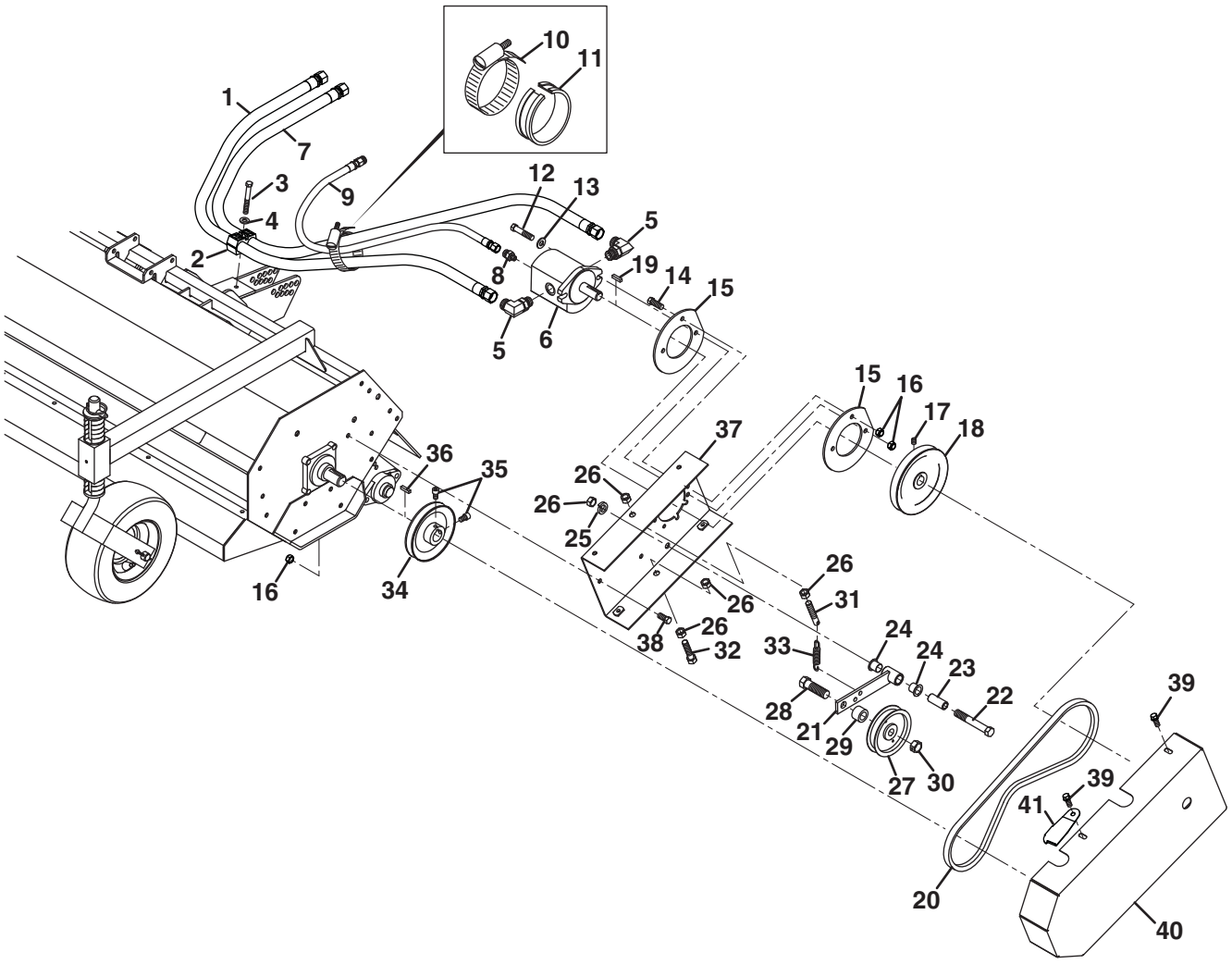


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	1001340.7	1	Rotor Assembly	
	5001085	1	• Blade Kit	
2	3002833	144	• • Blade, Double Sided	
3	400234	72	• • Screw, 5/16-24 x 2” Hex Head	
4	452006	144	• • Flat Washer, 5/16	
5	365769	144	• • Spacer	
6	362226	72	• • Shackle	
7	444754	72	• • Locknut, 5/16-18 Hex Center	
8	362229	2	Bearing, Rotor	
9	471219	2	Grease Fitting, 1/8 NPT Straight	
10	400336	12	Screw, 7/16-14 x 1-1/4” Hex Head	
11	445807	13	Nut, 7/16-14 Nylock Hex	
12	2720427	1	Flail Housing	Includes Decals
13	346149	4	• Bushing, Flanged	
14	4164381	2	Decal, Danger	
15	2721589	2	Decal, Flail Height of Cut	
16	2000677	1	Decal, Danger	
17	471214	2	Grease Fitting, 1/4-28 Straight	
18	162887.7	1	Roller Plate, Left Side	
19	162888.7	1	Roller Plate, RIght Side	
20	64141-4	12	Nut, 3/8-16 Whizlock Flange	
21	400184	15	Screw, 5/16-18 x 3/4” Hex Flange	
22	64141-6	6	Nut, 5/16-18 Whizlock Flange	
23	3002685	1	Rear Flap	
24	64163-29	9	Flat Washer, 5/16	
25	445816	9	Nut, 5/16-18 Nylock Hex	
26	162881	1	Roller Assembly	
27	453011	2	Flat Washer, 3/8	
28	445806	2	Nut, 3/8-16 Nylock Hex	
29	3007486	2	Bearing, Roller	
30	35027N	2	Grease Fitting, 1/4-28 90°	
31	4181440	1	Bumper Guard	
32	400264	2	Screw, 3/8-16 x 1-1/4” Hex Head	
33	131407.7	2	Skid, Flail	
34	400262	12	Screw, 3/8-16 x 1” Hex Head	
35	131406.7	1	Shield	

> Change from previous revision

4.1 Drive Belt

Serial No. All

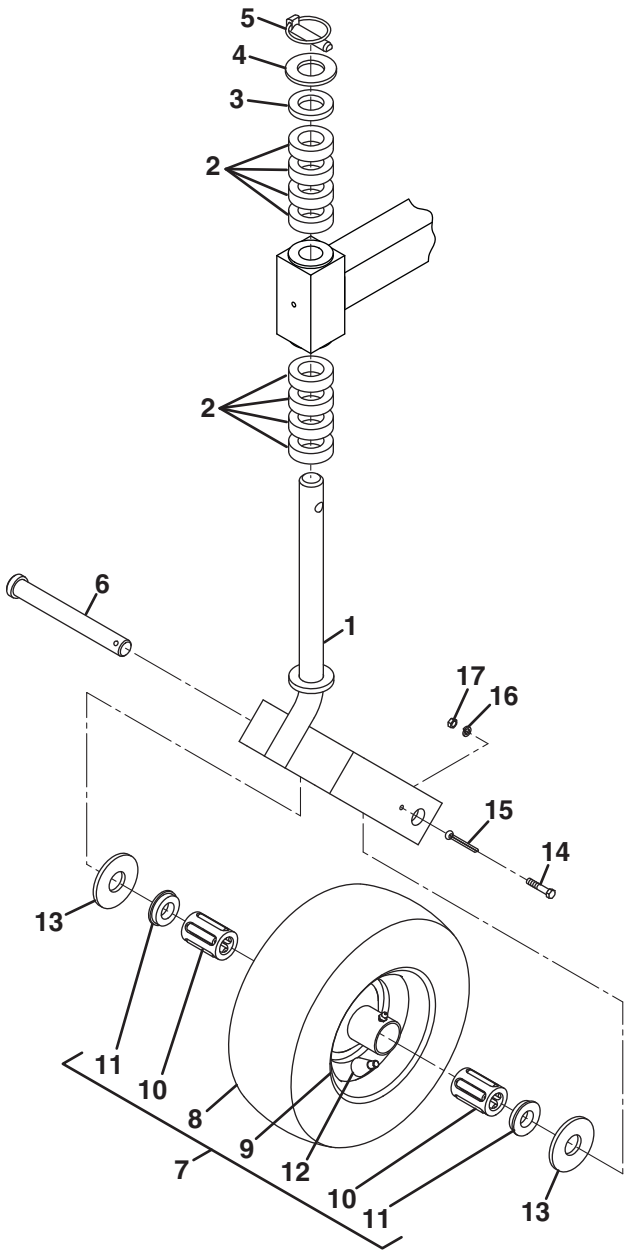


Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	2692238-06	1	Hose, Deck Valve to Motor 48-3/4”	Deck Valve M1 Port
2	2208139	1	Clamp, Double Hose	
3	400200	1	Screw, 5/16-18 x 2-1/2” Hex Head	
4	452004	1	Flat Washer, M8	
5	523759	2	Fitting, -10 ORFS x -10 ORB 90°	
	339911	1	• O-Ring, -10 ORFS	
	339899	1	• O-Ring, -10 ORB	
6	2218152-05	1	Motor, 20cc	
	2218152-04	1	• Seal Kit	
7	2692238-05	1	Hose, Motor to Deck Valve 45-7/8”	Deck Valve M2 Port
8	524082	1	Fitting, -6 ORFS x -4 ORB Straight	
	339909	1	• O-Ring, -6 ORFS	
	339896	1	• O-Ring, -4 ORB	
9	2692286-02	1	Hose, Flail Motor Drain	
10	108094-01	1	Clamp, SAE20 Hose	
11	65362-01	1	Rubber, 4” Hose Clamp	
12	400268	2	Screw, 3/8-16 x 1-3/4” Hex Head	
13	453011	2	Flat Washer, 3/8	
14	400262	1	Screw, 3/8-16 x 1” Hex Head	
15	2720915.7	2	Plate, Motor Support	
16	445806	6	Nut, 3/8-16 Nylock Hex	
17	415519	2	Set Screw, 5/16-18 x 3/8”	
18	2198229	1	Pulley, 6-1/2” Drive	
19	64164-27	1	Key, 1/4 x 1/4 x 1”	
20	338548	1	Belt, Drive	
21	162882.7	1	Idler Arm	
22	400418	1	Screw, 1/2-13 x 3” Hex Head	
23	362244	1	Spacer, Idler	
24	2228047	2	Bushing, Flanged Nyliner	
25	446154	1	Lockwasher, 1/2	
26	443118	5	Nut, 1/2-13 Hex	
27	2238008	1	Pulley, Idler	
28	400616	1	Screw, 5/8-11 x 2” Hex Head	
29	362245	1	Spacer, Idler	
30	444752	1	Locknut, 5/8-11 Hex Center	
31	362246	1	Stud, Spring Adjuster	
32	400408	1	Screw, 1/2-13 x 1-1/2”	
33	362228	1	Spring, Extension	
34	162932	1	Pulley, 5-1/2” Driven	
35	438009	2	• Screw, 5/16-18 x 1/2” Socket Head	
36	362320	1	Key, 1/4 x 1/4 x 1-1/2”	
37	4181500	1	Weldment, Motor Mount	
38	400260	3	Screw, 3/8-16 x 7/8” Hex Head	
39	64139-08	4	Screw, 5/16-18 x 3/4” Hex Flange	
40	390469.7	1	Cover, Belt	
41	4181301	1	Cover, Access Hole	

> Change from previous revision

5.1 Flail Caster Wheels

Serial No. All



Item	Part No.	Qty.	Description	Serial Numbers/Notes
1	131596.7	2	Spindle, Caster Wheel	
2	64163-22	16	Spacer, 1/2” Height of Cut	
3	64163-02	2	Spacer, 1/4” Height of Cut	
4	455004	2	Flat Washer, 1”	
5	3001978	2	Pin, Klik Type	
6	3003207	2	Shaft, Caster Wheel	
7	4185640	2	Wheel and Tire Assembly	
8	148049	1	• Tire, 11 x 4” Smooth	
9	4185641	1	• Wheel and Bearing Assembly	
10	4185642	2	• • Bearing, Roller	
11	4185643	2	• • Bushing	
12	363233	1	• Stem, Valve	
13	64163-57	2	Flat Washer, 3/4”	
14	403578	2	Screw, #10-24 x 1” Hex Head	
15	460056	2	Cotter Pin, 3/16 x 2”	
16	446118	2	Lockwasher, #10	
17	444310	2	Nut, #10-24 Hex	

> Change from previous revision

1001340.....25
108094-01 27
108102.....23
131406.7.....25
131407.7.....25
131596.7.....29
158006-10 27
158007-05 27
162881.....25
162882.7.....27
162887.7.....25
162888.7.....25
162932.....27
2000677.....25
2192390.....23
2198162.....21
2198229.....27
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