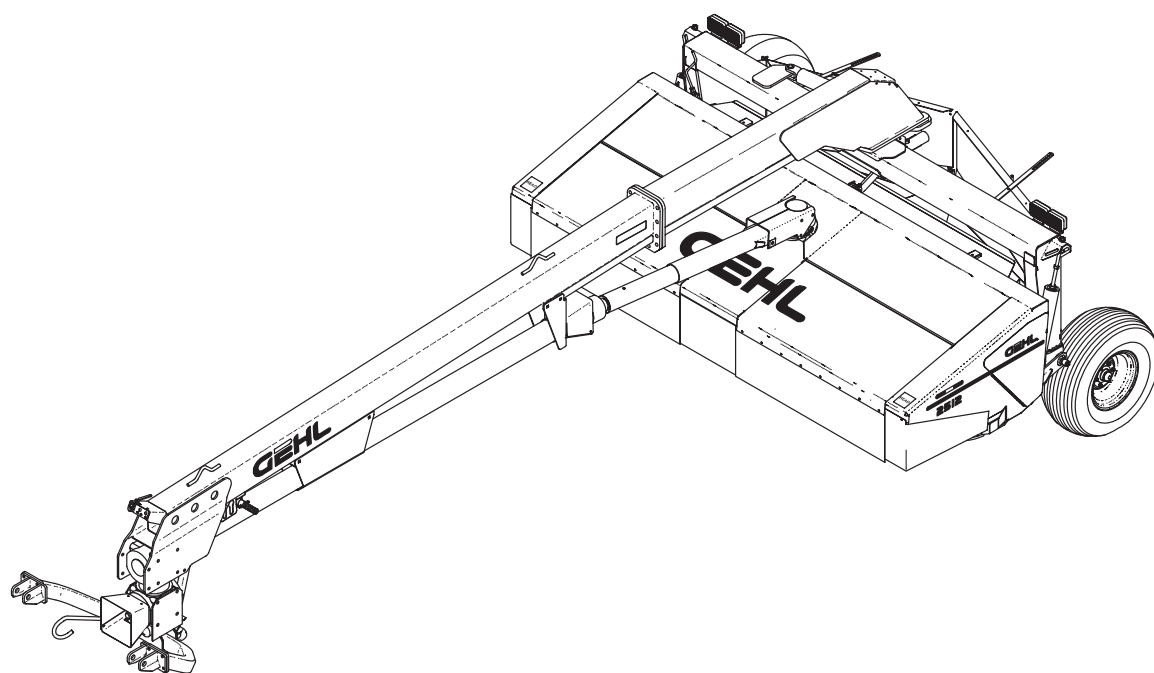


2512

Impeller Disc Mower Conditioner



OPERATOR'S MANUAL

GEHL® AGRICULTURE

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SAFETY

(Continued)

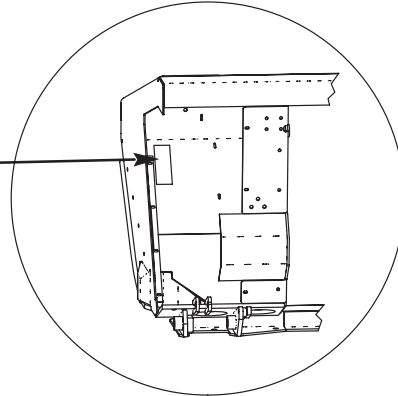




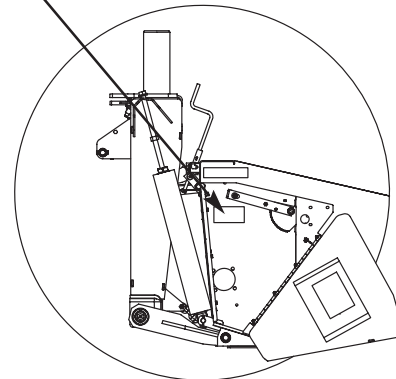
WARNING

Keep hands out.
Rotating components can cut/pinch
Close/replace guard before
operating

093365



INSIDE LEFT DOOR



INSIDE RIGHT DOOR



WARNING



CRUSH HAZARD

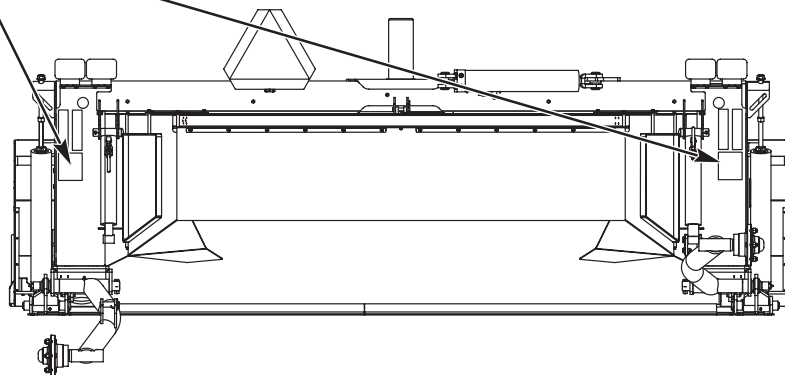
Unit can drop due to mechanical or hydraulic failure.

Before working on or under machine,
ALWAYS block unit and actuate locking
valves:



170339

REAR VIEW OF HEADER



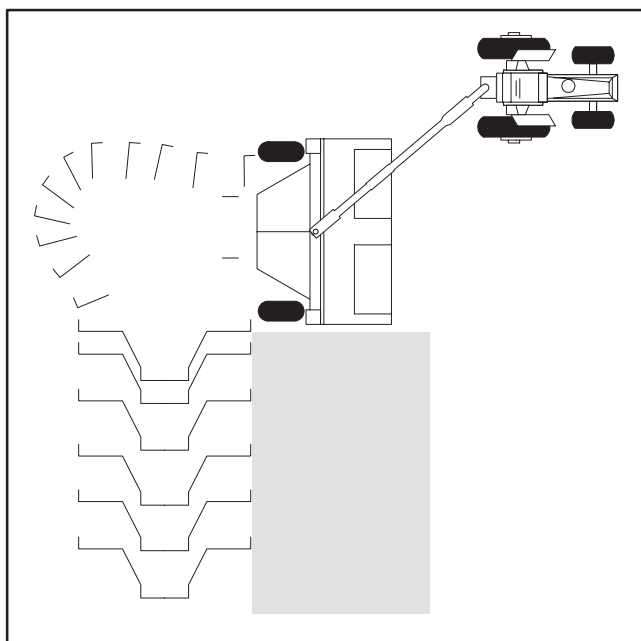


Fig. 10: Turning Square Corner

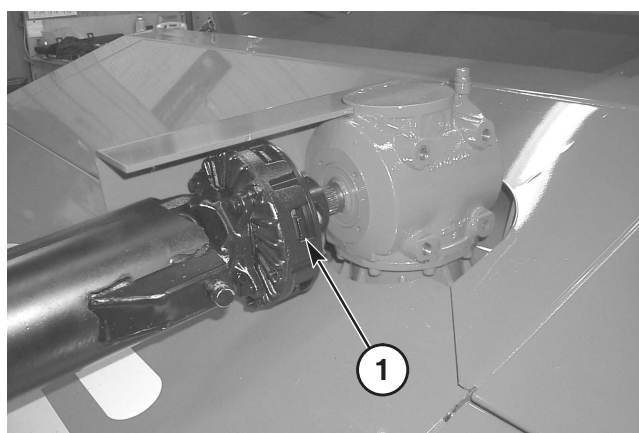
Turning Square Corners

The following procedure and diagram shown in Fig. 10 are intended only as a guide to aid the operator in setting up a turning procedure for the particular tractor being used. Distances are not specified due to the variations in tractor maneuverability. As the tractor approaches the corner, guide the tractor sharply away from the crop. The header is steered to maintain a straight cut ahead as the tractor moves away from the crop. As soon as the header cuts past where the new corner will be, steer the

Disc Mower Conditioner to the extreme direction away from the uncut crop. As the tractor passes the corner, steer it sharply back towards the corner, but **MAKE SURE** that the inside tractor tire does not contact the tongue. Guide the tractor to straddle the last cut windrow. As the Disc Mower Conditioner completes its turning, be ready to steer it towards the uncut crop and align the header with edge of the uncut crop.

OVERLOAD PROTECTION (Fig. 11)

The Disc Mower Conditioner is protected with a slip clutch on the main driveline to protect the cutterbar and the impeller.



1 – Main Driveline Slip Clutch (Steering Plate Removed)

Fig. 11

CONDITIONER

Rotor Belt Tension (Fig. 26)

The conditioner rotor belt idler tension is controlled by an adjustable idler spring. The properly adjusted spring length should be 3-1/2" (89 mm).

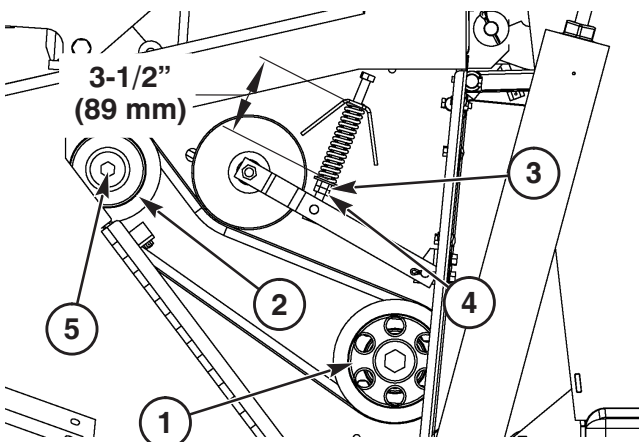
1. Loosen jam nut.
2. Adjust idler spring tension adjustment nut until proper spring length is attained.
3. Tighten jam nut securely.

Rotor Belt Replacement (Fig. 26)

1. Loosen idler spring tension until rotor belt can be removed.

NOTE: It may be necessary to remove the rotor drive sheave in order to remove the belt.

2. Install new conditioner drive belt and tighten idler spring tension adjustment Nut 3 until the spring length equals 3-1/2" (89 mm).
3. Tighten Jam Nut 4 securely.



- 1 – Large Rotor Drive Sheave
- 2 – Small Rotor Drive Sheave
- 3 – Idler Spring Tension Adjustment Nut
[Properly Adjusted Spring Length
should be 3-1/2" (89 mm)]
- 4 – Jam Nut
- 5 – Input Drive Shaft

Fig. 26

SHEAVE ALIGNMENT

The sheaves are aligned at the factory and should NOT need adjustment. If sheaves are not properly aligned, contact your Gehl dealer for proper instructions.

CUTTERBAR

All service to the internal parts of the cutterbar MUST be performed by (or under the direction of) an authorized GEHL equipment dealer.

The disc bearing housing assemblies are serviceable as complete units or select individual components. Should this be required, contact your Gehl dealer.

DISCS, KNIVES AND HARDWARE

Discs, knives, bolts and nuts are fabricated from high quality steel and undergo a special heat treatment process to ensure a tough wear resistance and hence a longer life. To avoid creating hazardous out-of-balance forces, ALWAYS replace missing, damaged or worn knives and hardware in pairs!

IMPORTANT: Worn or damaged items MUST be replaced immediately with genuine GEHL service parts, otherwise the warranty is void.

Cutterbar Inspection

The cutterbar should be inspected for damage or wear on a regular basis, such as when turning or replacing knives. Inspect the cutterbar more frequently when operating in known rocky conditions.

1. Inspect the external components for damage paying particular attention to the knives and discs. Broken knives and bent or cracked discs are a result of contact with solid foreign objects, and may indicate a possible internal damage. A disc out of time may also indicate internal damage; the discs are properly timed when they are positioned 90° to each other.



WARNING

The bottom leading edge of worn discs can become very sharp. Wear gloves to prevent injury.

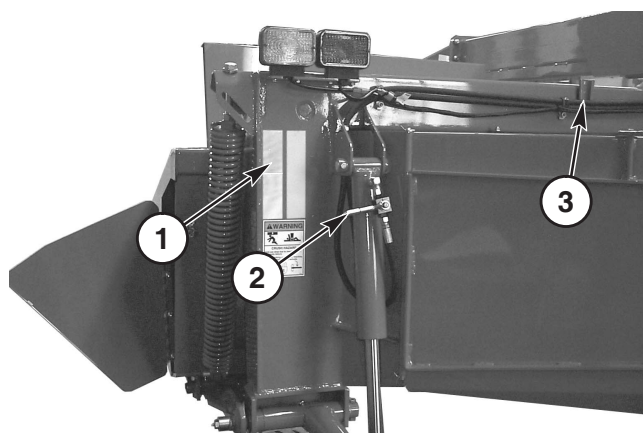
2. While wearing protective gloves, carefully grab both ends of each disc, and try to "rock" the disc up and down. A small amount of movement is normal. An excessive amount of movement may be the result of a loose spindle nut or could indicate a worn housing or bearings. Disc spindles with excessive disc "rock" should have the disc and spindle nut checked for proper torque.

CHAPTER 11

TRANSPORTING

TRANSPORT LOCK VALVES (Figs. 40, 41 & 42)

When the Disc Mower Conditioner is going to be transported on a public highway, BE SURE to raise the unit all the way up and actuate both lift system transport lock valves. Also, BE SURE to swing the drawbar to the centered transport position with the hydraulic hitch positioner and position the transport lock valve on the drawbar in the transport (“closed”) position.



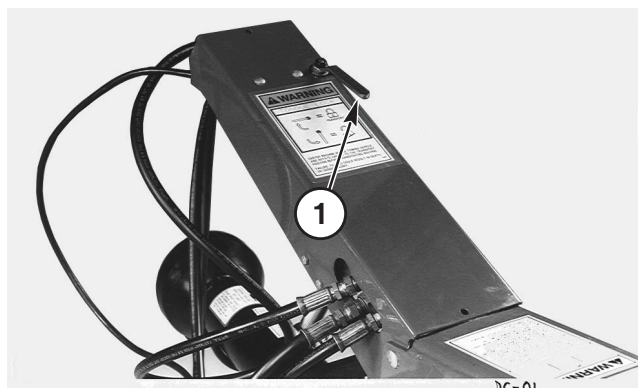
- 1 – Red Reflector
- 2 – Left Header Lift Cylinder Lock “Engaged”
- 3 – SMV Emblem Mounting Bracket
(Shown with SMV Emblem Removed)

Fig. 40



- 1 – Hydraulic Hitch Positioner Transport Lock Valve (“Closed”)

Fig. 41



- 1 – Transport Lock Valve in “Open” position

Fig. 42

SAFETY CHAIN (Fig. 43)



WARNING

ALWAYS follow state and local regulations, regarding a safety chain (NOT an elastic or nylon/plastic tow strap) when towing farm equipment on public highways! A safety chain should always be used to retain the connection between the towing and towed machine, in the event of separation of the primary attaching system. **BE SURE** to check with local law enforcement agencies for the particular regulations. **NEVER** transport the disc mower conditioner at speeds greater than 25 mph (40 km/h).

On units not equipped with the 2-point hitch, the Disc Mower Conditioner can be equipped with a safety chain for operation on public highways. A sturdy chain loop is welded to the side of the drawbar to facilitate anchoring the chain. The safety chain, when attached in this manner, has the following characteristics:

1. Chain is sufficiently slack to allow turns and movements of either the tractor or the farm implement, without placing tension on the chain.
2. Chain is of sufficient strength to hold the decoupled implement (and its load) and tow it to the shoulder.

DECAL LOCATIONS

(CONTINUED)

NOTE: *The following is a duplicated listing of the decals from a previous page. It is provided for your convenience when selecting decals from the following illustrations.*

The decal kit number for the DC2512 is 156959. The kit includes the following:

Ref. No.	Part No.	Description & Quantity
1.	060510+	Jack Storage Position
2.	060511+	Jack Lifting Position
3.	091444	DANGER – Rotating Drive Line (2 Places)
4.	093365	WARNING – Rotating Components (2 Places)
5.	093366	Store Manual Here
6.	093367	WARNING – Owner's Responsibility & Read Manual
7.	093373	WARNING – General Safety
8.	093465	WARNING – 1000 RPM Operation ONLY
9.	093653	WARNING – Rotating Drive Line
10.	094913	GEHL 3-1/4" (2 Places)
11.	094951	Made In USA
12.	122736	GEHL (2 Places)
13.	125476	DANGER – Rotating Knives (2 Places)
14.	126757	Striping (10 feet)
15.	126456	GE
16.	126457	HL
17.	142931	WARNING – Tongue Lock
18.	143007*	DANGER - Shield Missing
19.	145216	Red Reflector Strip (2 Places)
20.	145217	Amber Reflector Strip (4 Places)
21.	145218	Orange Reflector Strip (2 Places)
22.	145235	SMV – Mounted
23.	145237	SMV Mounting Spade
24.	158158+	Hitch Adjustment
25.	170336	2512 w/Colorbar (2 Places)
26.	170339	WARNING – Crush Hazard (2 Places)

+ Drawbar Hitch ONLY

* Not included in Decal Kit

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