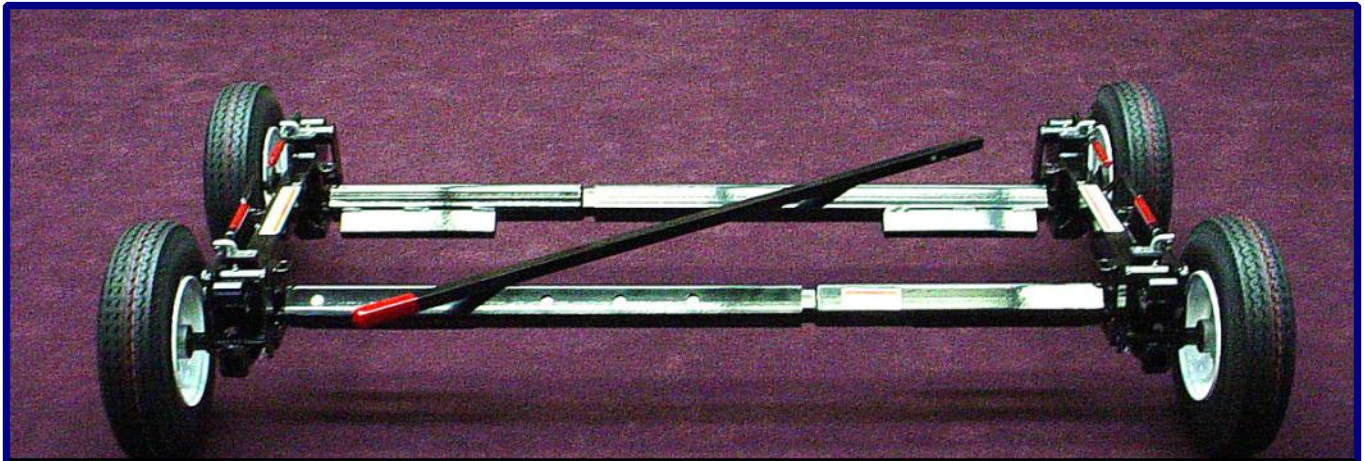




*"Delivering The Finest  
In Technology"*

magnatechinc.com



## 2008 DOLLY MANUAL

### MAGNA TECH, INC.

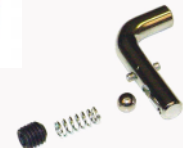
4331 SOUTH JOHNSON ROAD  
CHANUTE, KANSAS 66720

PHONE: (620) 431-3490

FAX: (620) 431-4227

Email: [sales@magnatechinc.com](mailto:sales@magnatechinc.com)

WEB ADDRESS: magnatechinc.com



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**MAGNA TECH, INC.**



Dear Customer:

You just now decided to purchase one of the Worlds greatest designed dollies. Whether you have chosen one of our “**Simple Dollies**” to our “**Patent Ratchet Style Dollies**” maybe you even decided to stay with old faithful the “**TOLLE – MAGNA TECH Pop-Up Dolly**” rest assured you just received the best quality produced in America by American Workers.

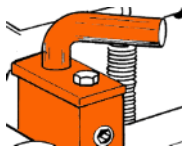
All of our Dollies are designed to handle the right job at the right price. It is time you examine your new dolly and look at the features that sets Magna Tech apart from our competition. Let's now break it down piece by piece.

1<sup>st</sup> We use only American Made Steel and American Labor to Produce these Dollies.



2<sup>nd</sup> All of our Spindles are made at Magna Tech on our Hi-Tek CNC Lathes and Mills and made out of 1-1/4” 1045CRD Steel Finished Ground to 1-1/16” making them larger and more perfected than the competitor.

3<sup>rd</sup> All of our Dollies come with our Steel Sleeved Aircraft Aluminum Hub. No other Dolly Company has this product. This was developed here at Magna Tech for the purpose of Extra Strength at lesser weight. This allows each hub to hold 1,080 lbs per hub at 2-1/2 lbs each in total weight.



4<sup>th</sup> The Magna Tech Dolly uses a unique Safety Ball Detent System to secure the Dolly from releasing while towing. Each Detent System comes with a Chrome L-Handle, Ball & Spring. This system can be adjusted for wear allowing it to snap every time.

5<sup>th</sup> Magna Tech's Safety Latch Handle goes the extra mile using 1/2” x 4-1/2” Safety Red Vinyl Handle Grip to keep the Operator from getting their hands gouged like the other Competitors products.



**MAGNA TECH, INC.**

4331 South Johnson Road  
Chanute, Kansas 66720

**David G. Orr**  
**PRESIDENT / CEO**

CONTENTS

**INTRODUCTION** ..... 2 - 5

    STANDARD FEATURES ..... 2

**SAFETY** ..... 6

    DECAL LOCATION CHART ..... 7

    OPERATOR SAFETY INSTRUCTIONS ..... 8-9

    EMPLOYER SAFETY REQUIREMENTS ..... 10

**OPERATION** ..... 11 - 18

    TERMS YOU NEED TO KNOW ..... 11

    TOW DOLLY INSPECTION ..... 12

    LIFTING THE VEHICLE WITH A SELF LOADING DOLLY ..... 13 - 16

    REMOVING THE TOW DOLLY FROM A VEHICLE ..... 17

**MAINTENANCE** ..... 18

    LUBRICATION CHART ..... 18

**PARTS** ..... 19

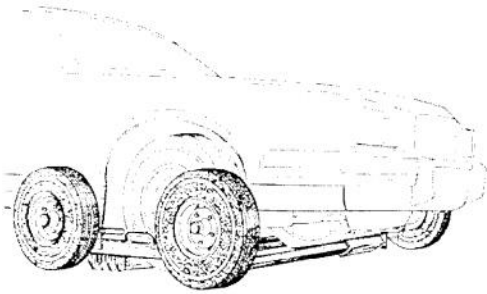
    MAGNA TECH SL DOLLY RACHET STYLE ..... 20-21

    MAGNA TECH SELF LOADING DOLLY OEM POP-UP STYLE ..... 22-23

    MAGNA TECH SIMPLE DOLLY WELDED OEM STYLE ..... 24-25

Revised: January 10<sup>th</sup>, 2008

## INTRODUCTION



"The Responsibility for  
Safety Rests with the User"

"If you cannot do it safely,  
Don't Do It."

There can never be enough emphasis placed on safety. We here at Magna Tech believe that safety should be the first consideration in the design, production and use of all towing related equipment. We have prepared this Owners Manual with the intention of giving clear, concise and easy-to-use guidelines for the safe use and care of **Tow Dollies**.

Publication of an exhaustive safety precaution list is not possible due to varying locations and situations in which the product will be used. This manual therefore cannot refer to the entire range of applications for which you might use **Tow Dollies**. As such, the procedures in this manual should be regarded as general guidelines only. If there is any doubt concerning the safe use and application of **Tow Dollies** or other towing equipment in your situation, don't do it.

Ultimately the responsibility for safety rests with the user. To prevent all accidents it is most important that you are alert and conscientious in applying prudent safety and operating practices.

When reading and referring to this manual pay particular Attention to the Safety section, and to minimize the risk of personnel injuries and accidents please read and obey all **DANGER, WARNING** and **CAUTION** labels. Improper use can damage towing equipment and tow vehicles and can create hazardous conditions for you and others.

Again, just as there are numerous applications in which to use a **Tow Dolly**, there are many possible hazards and consequences associated with these applications. Anyone who would use a procedure not recommended by the manufacture must assume responsibility for the safety of all personnel and equipment and for any damage to the towed vehicle.

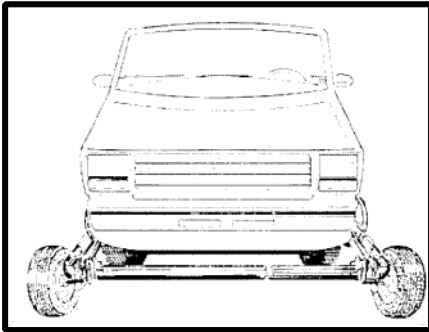
Some vehicles cannot be safely towed with a **Tow Dolly**. Please refer to the vehicle's owners manual for additional towing information.

## STANDARD FEATURES OF TL & TLZ, SELF LOADING & REGULAR DOLLY

<b>STEEL:</b>	MT and TOLLE Dollies are made from the best grade of North American steel.
<b>ALUMINUM:</b>	The Hub Assemblies are made from aircraft aluminum, the strongest aluminum made.
<b>MACHINING:</b>	All holes are drilled in precision-made drill fixtures adhering to close tolerances.
<b>FASTENERS:</b>	Nuts and bolts are all Grade 5 and have tensile strengths up to 92,000 lbs.
<b>SAFETY:</b>	TL Self Loading Dollies come standard with our Ball Detent Safety Latch. Just click it in.
<b>PLATING:</b>	All fasteners, L-Bolts, and push button pins are zinc or chrome plated to withstand weather and prolonged wear.
<b>CLEANED:</b>	MT and TOLLE Dollies are acid etched and rinsed with a phosphate coating. This protects the dolly from rust, affording it a longer life.
<b>COATINGS:</b>	Painted with our special Vinyl based black powered coating, the dollies may be used upon delivery or top-coated with any automotive finish.
<b>ZERKS:</b>	Threaded grease zerks are standard and help the operator to keep all moving parts functioning easily.
<b>ADJUSTMENT:</b>	On all Jack Bar lift sockets there is a built in bolt adjustment which keeps tension on the spindle assembly at all times.
<b>SAFETY GRIPS:</b>	These allow the operator to get a good grip on all pullover and release levers.
<b>SPINDLES:</b>	They are made from cold roll steel and are ground for a smooth bearing surface.
<b>GREASE:</b>	MT and TOLLE Dollies are greased with an Amoco Premium Lubricate formulated with special wear additives.
<b>BOX:</b>	MT and TOLLE Dollies are boxed in their own special container, protecting it from outside damage.
<b>INSPECTION:</b>	All Dollies are inspected before leaving <b>MAGNA TECH, INC.</b> Look for the <b>RED QC</b> stamp in the corner of each package.







It is of paramount importance that all warnings are obeyed at all times. Be certain all warning Decals Are in place and readable. Report any Damaged or missing decals to the proper authority. Replacement decals are available free of charge From your local Distributor or from:

**MAGNA TECH, INC. / TOLLE PRODUCTS**  
**4331 South Johnson Road**  
**Chanute, Kansas 66720**





The terms **DANGER, WARNING, CAUTION, and NOTE** appear throughout this manual and on warning decals.

Their purpose is to bring attention to any condition, situation, or information regarding your safety, The safety of others or the prevention of damage to equipment

### ANSI SAFETY LABELS

#### SIGNAL WORD

#### MEANING

 <b>DANGER</b>	INDICATES AN IMMINENTLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.
 <b>WARNING</b>	INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.
 <b>CAUTION</b>	INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN MINOR OR MODERATE INJURY.
 <b>NOTE</b>	THE WORD "NOTE" PRECEDES INFORMATION WHICH IS VITAL TO THE PROPER OPERATION OR CARE OF THE EQUIPMENT.

## DECAL LOCATION CHART

A

Product No: 603-2360-203

### **⚠ WARNING**

#### **MAXIMUM CAPACITY**

**480 TIRES: 2360 LBS.**

**570 TIRES: 2860 LBS.**

Magna Tech, Inc. DOLLIES are the only Dollies on the Market that come Standard with LOAD C Tires & Wheel Assemblies.

### **⚠ DANGER**

INDICATES AN IMMINENTLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY

**Never exceed the load rating specified by the tire manufacturer. (All Dollies come standard with Load Range C Tires).**

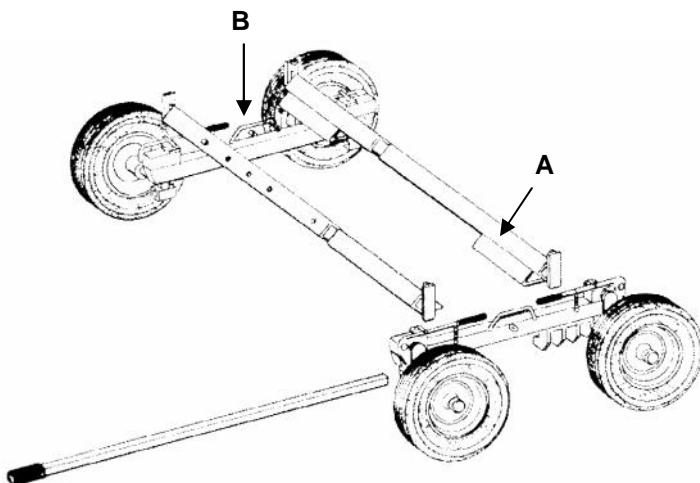
B

Product No: 603-1572-375

### **⚠ WARNING**

Automotive tow dolly is to be used by trained professional personnel only. Make sure jack bar is securely in socket before lifting vehicle. Remove jack bar when spindle latch engages. Lock release arm with safety latch.

To prevent hub bearing damage, lubricate bearings with a premium wheel grease every five tows or 90 days.



Replacement decals are available free of charge from:

**MAGNA TECH, INC.**  
4331 SOUTH JOHNSON ROAD  
CHANUTE, KS 66720

## OPERATOR SAFETY INSTRUCTIONS

"It is the users' responsibility to know the capacities and limitations of the equipment they use."

Tow Dollies are to be used by a trained professional only. Do not exceed lifting and towing capacities. Do not place any portion of body, head or limbs into potential pinch points.

Do not use a Tow Dolly with damaged or missing parts.

Always use safety chains when towing.

It is the users' responsibility to know and observe the capacities and limitations of the equipment they use. Be alert and watch for any condition that may affect performance of the Magna Tech Tow Dolly. If a problem does arise and there is a question concerning damage to the Tow Dolly or concerning a safety procedure, **DO NOT USE THE TOW DOLLY UNTIL THE CONDITION IS CORRECTED.**

Magna Tech shall not be responsible or liable for improper installation, misapplication, or misuse of the Tow Dolly. Any repair, welding or modification to the Tow Dolly will void all warranties.

### Automotive Tow Dolly

Lifting Capacity:	480 = 2360 lbs.	570 = 2860 lbs
Towing Capacity:	480 = 5000 lbs.	570 = 6000 lbs
Max Towing Speed:	50 m.p.h.	

Do not attempt to load or use the Tow Dolly without proper instruction. This includes reading and understanding the Owners Manual.

Obey all warnings and regulations including **OSHA** and **DOT** requirements for towing.

Be aware of people in the work area who may be at risk during the connecting procedure.

Wear and use appropriate safety equipment, including hand and eye protection, safety vests, and etc., as called for by your employer.

Know where to get help in the event of an emergency or injury.

Do not operate equipment if work ability is impaired by fatigue, illness, medication or other causes.



## OPERATOR SAFETY INSTRUCTIONS

Never use a Tow Dolly that has damaged or missing parts, including:

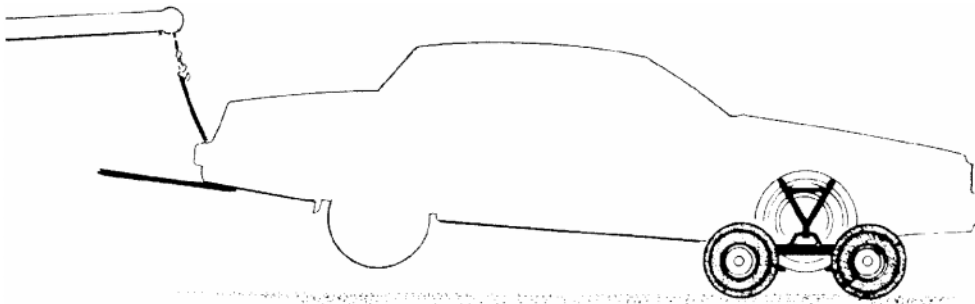
- Worn or cut tires
- Missing bolts / loose hardware
- Damaged axles
- Bent or cracked welds
- Damaged swivel joints
- Missing fasteners
- Damaged axle hangers
- Bent release handles
- Un-Lubricated bearings or damaged oil seals



### WARNING

INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.

Exceeding the lifting or towing capacity of the Tow Dolly may cause it to fail, creating a safety hazard which could result in serious injury or death.



### WARNING

INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.

Always use tie-down straps during a towing application with an Automotive Tow Dolly in use. The towing speed should not exceed 50 m.p.h.

If you have any questions regarding the safe use or maintenance of the Tow Dolly, contact the safety engineer at Magna Tech, Inc.

“Exceeding Capacities creates  
a Safety Hazard”

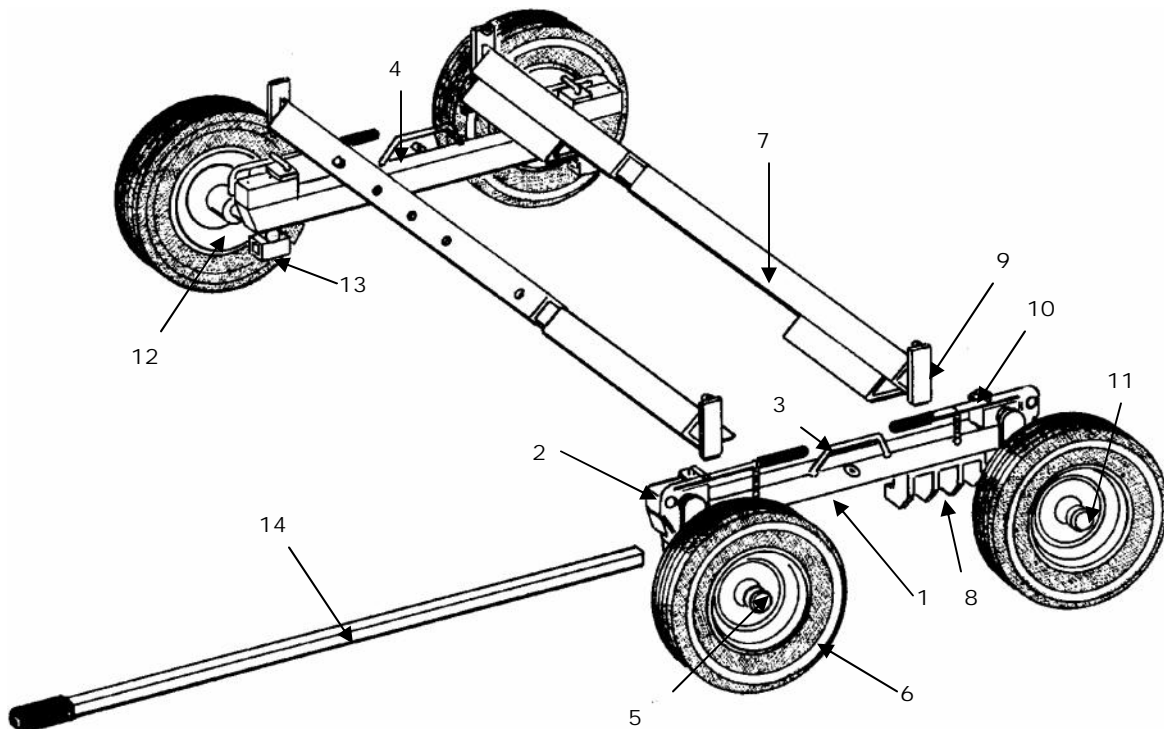
## EMPLOYER SAFETY REQUIREMENTS



**This guideline is to assist Owners / Employers to ensure the Tow Dolly is serviced and operated in a safe manner.**

- Establish a regular inspection program which includes inspection reports and service records.
- Make sure that any worn or damaged equipment is properly repaired or replaced before returning the Tow Dolly to service.
- The employer shall provide training and instruction in safe methods of connecting and using the Tow Dolly to employees before assigning or allowing them to operate service or repair the equipment. This training shall include safety procedures provided by the equipment manufacturer. A record of training dates, employee's names and level of training should be maintained.
- The employer will specifically inspect all safety equipment and protective devices on the equipment to ensure they are serviceable. Operation of the equipment will not be permitted unless the Tow Dolly is in good service condition.
- The employer shall require the appropriate safety equipment be worn by employees for their protection as required, hand and eye protection, safety vests, etc.

## TERMS YOU NEED TO KNOW

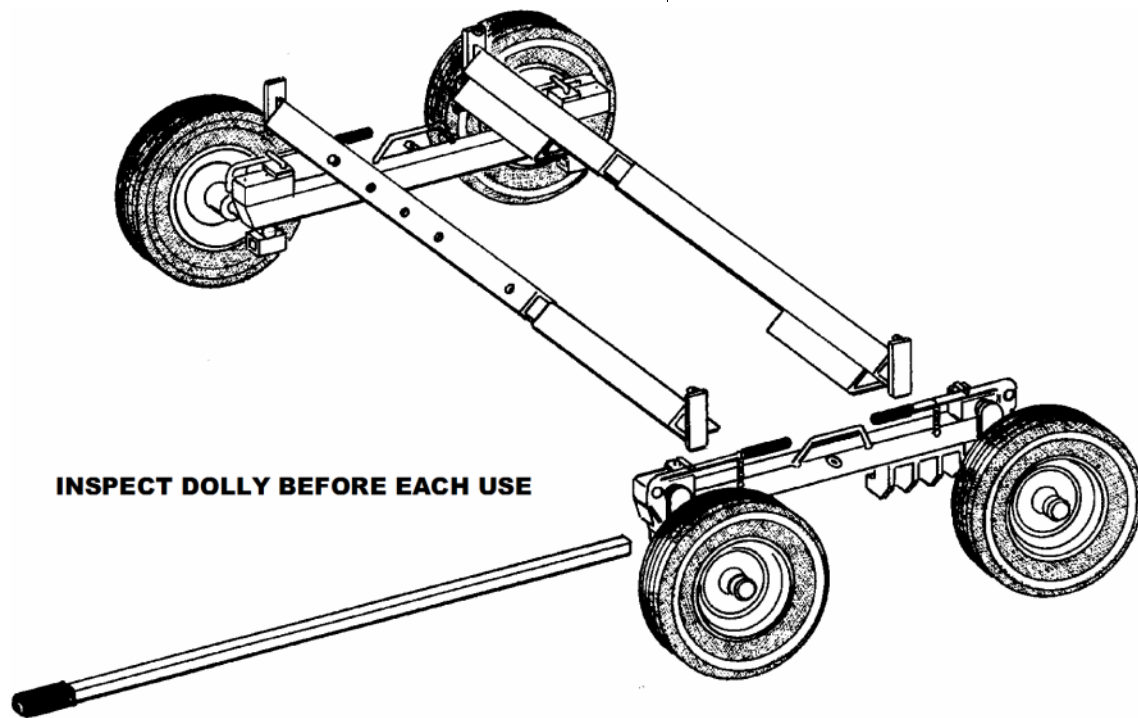


### TERMS YOU NEED TO KNOW

1. Spindle Assembly (2)
2. Spindle Block Assembly (4)
3. Release Handle (4)
4. Push Button Assembly (2)
5. Spindle & Bearings (4)
6. Tire (4)
7. Axle (2)
8. Axle Hanger (4)
9. Axle Shue (4)
10. Safety Latch (4)
11. Hub (4)
12. Seal (4)
13. Lift Tube
14. Jack Bar



## TOW DOLLY INSPECTION



### INSPECTION CHECK LIST

#### 1. Axles

- a. Shue is not damaged and does not display stress cracks in welds.
- b. Axle push buttons operate correctly.
- c. Axle is not damaged and moves easily.

#### 2. Spindle Assembly

- a. Axle hanger is not damaged and does not have stress cracks in welds.
- b. There are no loose or missing bolts.
- c. Swivel pins are not damaged and frozen in place.
- d. Release levers are not damaged and operate correctly.
- e. Springs are not damaged or missing.
- f. Safety latches operate correctly and have good tension; they must snap into place.
- g. Bolts are adjusted for correct tension.

#### 3. Wheel Assembly

- a. Tires are not cracked or damaged and are correctly inflated.
- b. Wheel bearings turn freely and are not loose.
- c. Lug nuts and bolts are not loose or missing.

#### 4. Make sure all components are properly lubricated.

## LIFTING THE VEHICLE WITH A SELF LOADING DOLLY

### **CAUTION** INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH IF NOT AVOIDED WILL RESULT IN MINOR OR MODERATE INJURY

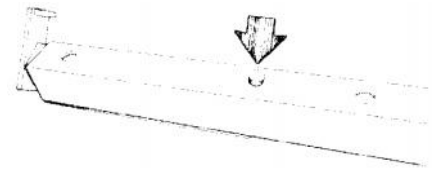
Because of automobile design restrictions, some vehicles cannot be safely towed with a Tow Dolly. Refer to the automobile manufacturer's manual for towing information.

- 1) Remove the Tow Dolly from the Storage Location.
- 2) Extend the Adjustable Axles to Accommodate The distance between the tires.

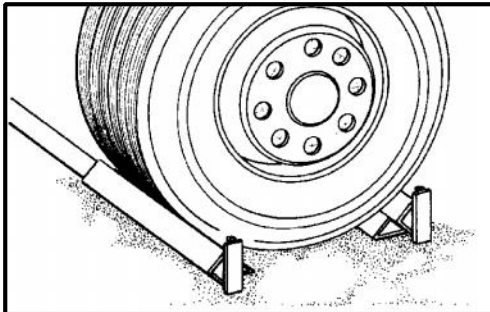
### **NOTE** THE WORD "NOTE" PRECEDES INFORMATION WHICH IS VITAL TO THE PROPER OPERATION OR CARE OF THE EQUIPMENT.

To extend and retract the axle depress the push button and slide the bar to the desired position. Make sure the button locks in the hole.

DEPRESS PUSH  
BUTTON



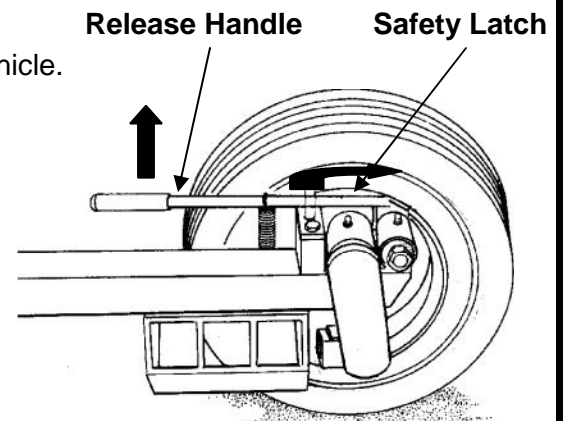
- 3) Position the Axles as Close to the Tire as Possible.



### **NOTE** THE WORD "NOTE" PRECEDES INFORMATION WHICH IS VITAL TO THE PROPER OPERATION OR CARE OF THE EQUIPMENT.

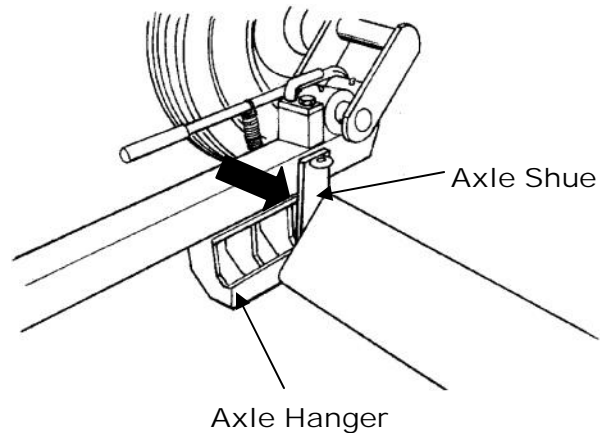
If the vehicle has a flat tire or a damaged or missing Wheel, it may be necessary to use blocking material to wedge the hub or wheel in place. Be sure to secure all blocking materials and damaged parts to the Tow Dolly.

- 4) Set the Spindle Assemblies on Each Side of the Vehicle.
- 5) Lower the Spindle Assemblies to the Down Position by Rotating the Safety Latch, Pulling the Release Handle. Lower all Four Spindles "One at a Time" Till Complete.



## LIFTING THE VEHICLE WITH A SELF LOADING DOLLY

- 6) **Connect the axles** to the spindle assemblies by sliding the **axle shue** into the **axle hanger** or the spindle assembly.

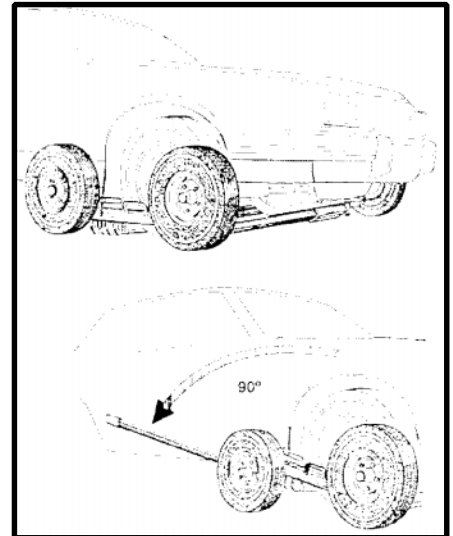
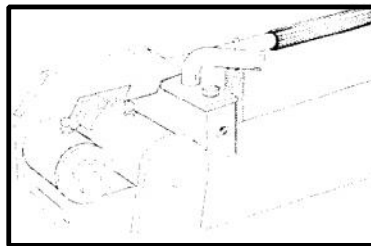
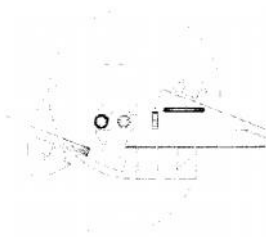


### **NOTE**

THE WORD "NOTE" PRECEDES INFORMATION WHICH IS VITAL TO THE PROPER OPERATION OR CARE OF THE EQUIPMENT.

Make Sure the Axle Hangers are in the same Position on Both Sides.

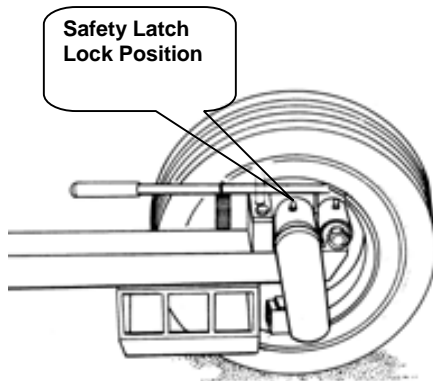
- 7) The Vehicle's tire or Hub should be cradled or restrained between the Dolly Axles.
- 8) **SELF LOADING DOLLY:** Insert the Jack Bar into the Lift Tube socket. Rotate the Bar approximately 90° degrees until the Release Handle Latches.



- 9) **RACHET STYLE TOW DOLLY:** this style of dolly permits the tower to raise the vehicle in order to move it away from a curb or other obstruction. The ratchet mechanism also provides additional protection for the tower by locking the dolly at the desired height as it is ratcheting .Insert the Jack bar into the lift tube. Ratchet the bar. Remove the Jack bar. Move the vehicle. Re-insert the Jack bar and continue ratcheting the dolly until the release handle latches.



## LIFTING THE VEHICLE WITH A SELF LOADING DOLLY



- 10) Turn the safety latch to the locked position**  
It should snap into place with a distinct click

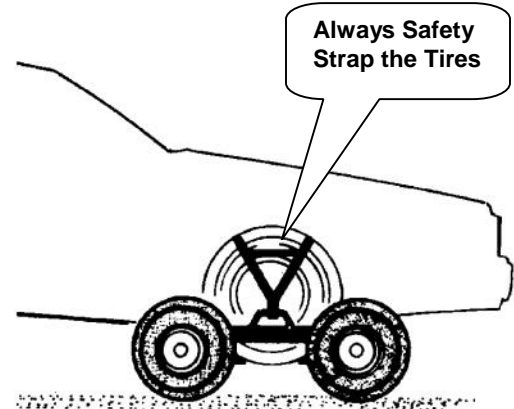
- 11) Repeat the Jackbar & Safety Latch procedure**  
Outlined in Steps 8 and 9 on the three remaining  
Dolly Wheel Assemblies.

- 12) With the Vehicle lifted into the Towing Position**  
Secure both sides of the vehicle with nylon wheel  
And lower case ratchet straps.

- 13) Connect the Vehicle to the Tow Truck by using**  
the Wheel Lift or Tow Sling. Raise the Vehicle  
to the Towing Position.

- 14) Remove the Wheel Chocks or release the Parking Brake.**

- 15) Secure the Steering wheel, if necessary, with a steering wheel locking device.**



## LIFTING THE VEHICLE WITH A SELF LOADING DOLLY



### 16) Inspect the TOW DOLLY

Shue's are properly seated in axle hangers.

All (4) safety locks are in the locked position.

Nylon wheel ratchet straps on both wheels are correctly applied.

Tow Dolly tires are correctly inflated.

Axle push buttons are locked in place



#### **WARNING**


INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.

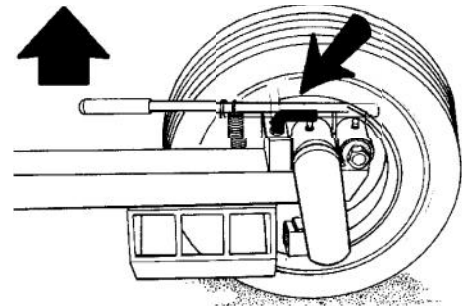
**NEVER TRANSPORT** a Vehicle with the Safety Latches in the Un-Locked Position. Always Secure ALL RELEASE HANDLES.

The vehicle does not exceed the dolly's load rating.

## REMOVING THE TOW DOLLY FROM THE VEHICLE

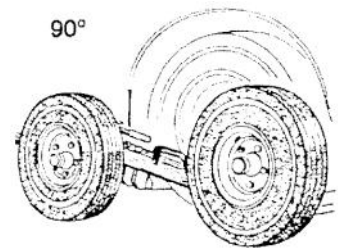
- 1) Lower the End of the Vehicle Supported by the Tow Truck
- 2) Set the Parking Brake or Use Wheel Chocks to Prevent the Vehicle from Moving.
- 3) Lower the Vehicle

	<b>WARNING</b>	INDICATES A POTENTIALLY HAZARDOUS SITUATION WHICH, IF NOT AVOIDED, WILL RESULT IN DEATH OR SERIOUS INJURY.
<b>Stand clear and make sure no part of the body, head or limbs are under the Tow Dolly or the vehicle. The vehicle will drop when the release lever is pulled.</b>		

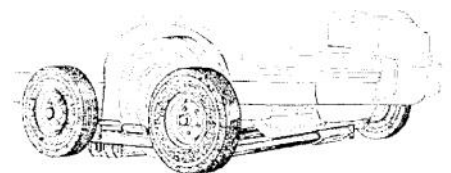


Rotate the Safety Latch to the Un-Locked Position and Pull the Release Lever.

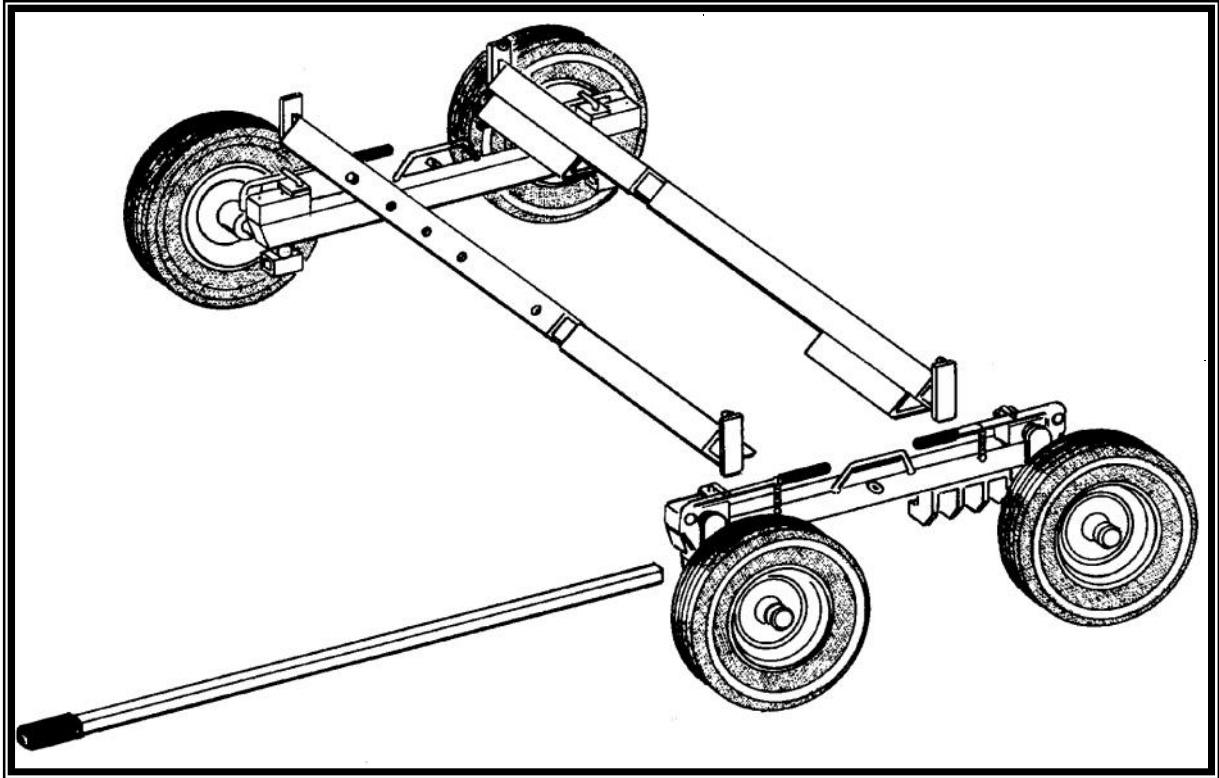
- 4) Repeat the Procedure on the remaining dolly wheels.



- 5) Disassemble the Tow Dolly and Put it into a storage location.



## LUBRICATION CHART



### LUBRICATION

The Tow Dolly should be lubricated after every 5 tows. Always use a premium grade lubricant. If the Tow Dolly is not used frequently it should be lubricated monthly.

1. Lubricate the (4) wheel bearings until grease escapes around the wheel seals. This will remove moisture and dirt.

Wheel bearings should be repacked annually to prevent grease from drying out.

#### **NOTE**

THE WORD "NOTE" PRECEDES INFORMATION WHICH IS VITAL TO THE PROPER OPERATION OR CARE OF THE EQUIPMENT.

If there is excessive contamination in the grease escaping out of the wheel seals, remove, clean and repack the wheel bearings.

#### **NOTE**

THE WORD "NOTE" PRECEDES INFORMATION WHICH IS VITAL TO THE PROPER OPERATION OR CARE OF THE EQUIPMENT.

**Magna Tech has wheel hubs available with a grease zerk in the wheel hub to make lubricating the bearings easier.**

2. Swivel Pins - (4)
3. Release Lever Pin - (4)
4. Safety Latch - (4)
5. Push button on axles should have a light Coat of oil.
6. Axle slide tubes should have a light coat of oil.

**MAINTENANCE:** Make certain the axles extend and retract freely.

Check all hardware, bolts, nuts, body bracket pins, and the center swivel pin lock bolt.

Check dolly tires for excessive wear, cuts and abrasions. If there is any nylon showing on the tire surface, the tire should be replaced to insure proper weight capacities for towing.

**MAINTENANCE:** Clean dolly tires with a rubber or vinyl cleaner and protectant.

Inspect the jack bar for excessive wear, cracks or damage.

Inspect the spindle side frame, swivel pin and swivel assembly for excessive wear, cracks or damage.

Replace any worn or damaged parts and hardware.

Inspect axle hangers and axle shoe for metal fatigue or stress.

**BEARINGS:** Repack bearings with a good premium wheel grease every 90 days or 500 miles, whichever comes first. This will keep the bearings from drying out and the wheels running freely.

**SWIVEL ASSEMBLY:** There are grease zerks located over the top of each wheel. By using a grease gun you can inject grease into the swivel assembly. This will allow the operator to work the wheel and tire assembly more freely for lifting and releasing. Grease every 90 days or 10 hours of use.

**SAFETY LATCH:** The L-Bolt should be oiled often, and checked for spring tension. Spring tension can be set by adjusting the Allen head set screw in the swivel block. When lubricating dolly parts use a good grade of lubricate that keeps moisture out.

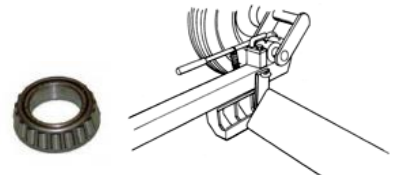
**PUSH BUTTON:** The push button assembly is located in the axle. Oil the push button after every 90 days of use.

**AXLES:** The operator may want to oil or grease the axle slide tube so it will travel in and out freely.

**TIRES:** The operator should always maintain 60 lbs of air pressure in each tire, when towing vehicles at maximum capacities.

Check each tire every thirty days due to weather changes.

**AXLES BARS:** Fully extend Adjustable Axle Bars, and inspect them for excessive wear or damage. Clean the inner bar and apply a light coat of lubricant on all four surfaces. Make sure the dolly axles are not bent or have cracked welds. If damaged, make the proper repairs immediately or contact the factory for repair procedures.

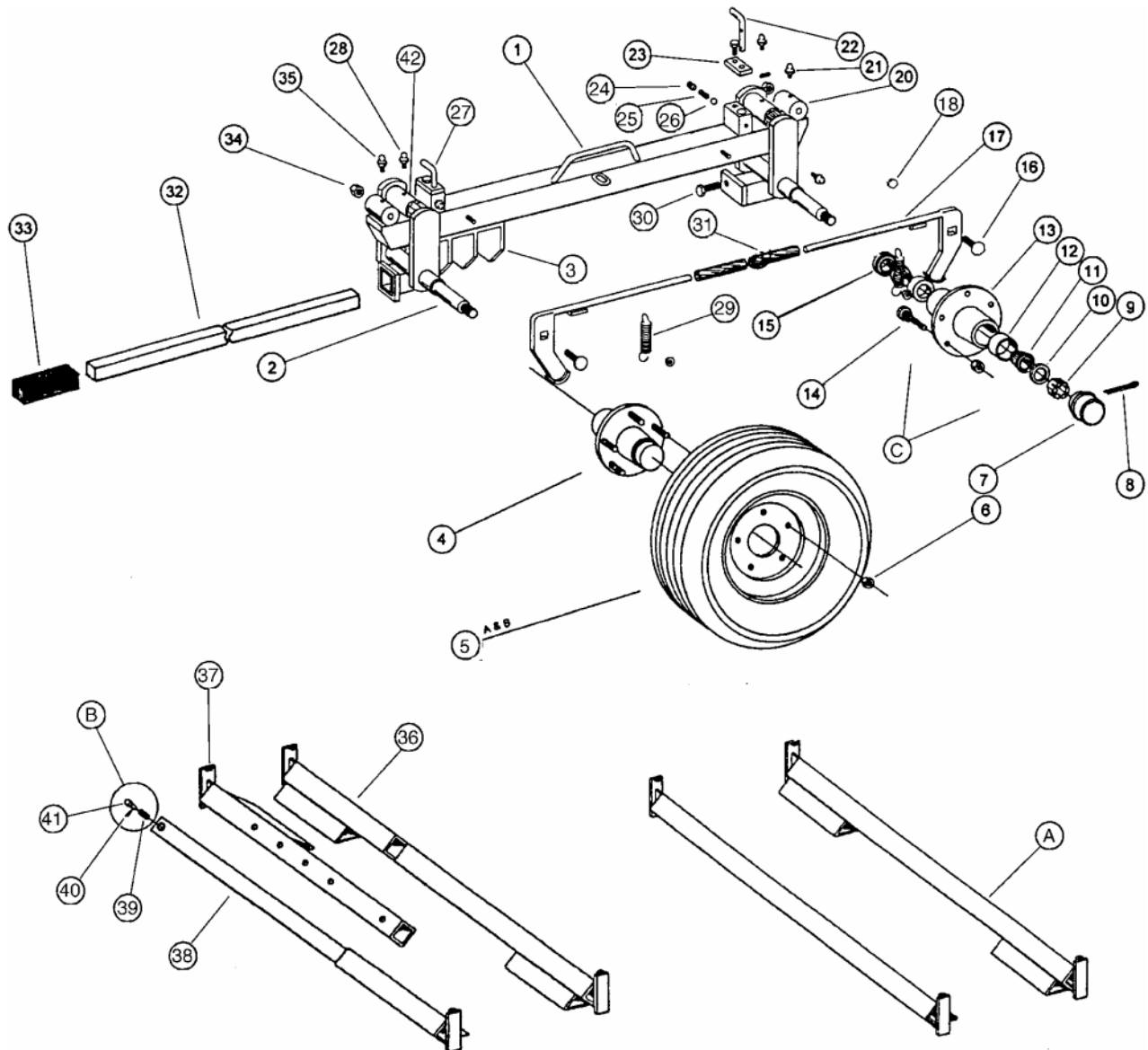


## PARTS REPLACEMENT

### MAGNA TECH SL DOLLY, RACHET STYLE

375-0001-480, (480 x 8" Tires)

375-0001-570, (570 x 8" Tires)





# MAGNA TECH SL DOLLY, RACHET STYLE

## PARTS REPLACEMENT

375-0001-480, (480 x 8" Tires)

375-0001-570, (570 x 8" Tires)

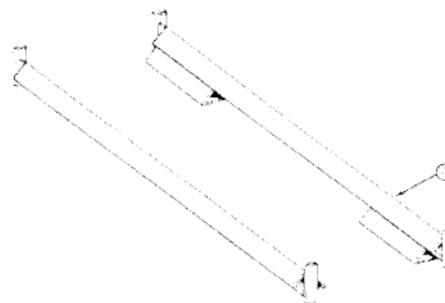
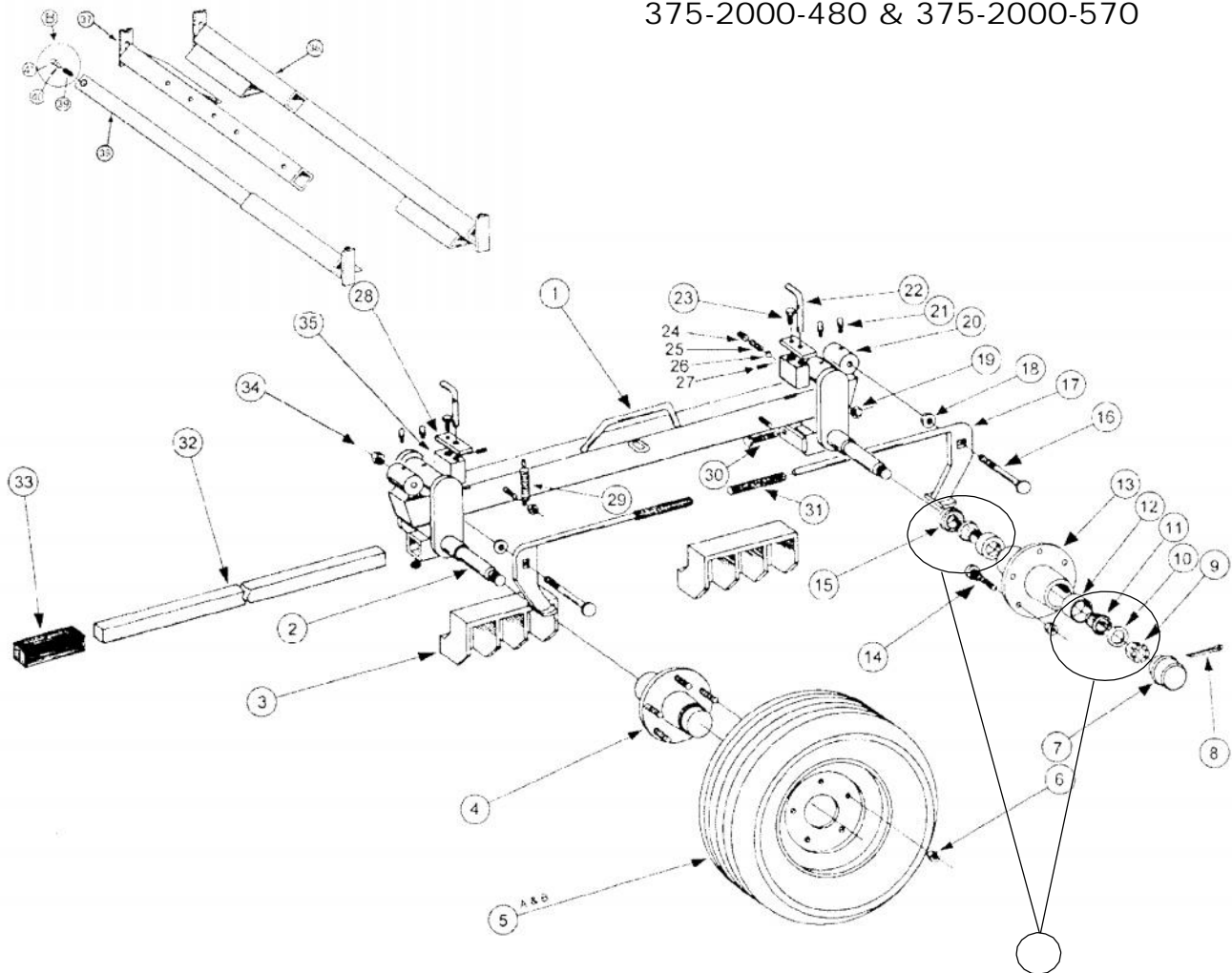
ITEM	PART NO	DESCRIPTION
1	376-1000-500	Spindle Assembly, (Ratchet Style complete) w/o Tires
2	376-0010-000	Spindle, 1-1/16"
3	376-0003-000	Axle, Hanger
4	376-4550-116	Hub, 5 Bolt, Complete with Bearing Kit
5A	376-0017-480	Wheel & Tire Assembly 480 x 8
5B	376-0017-570	Wheel & Tire Assembly 570 x 8
6	376-0015-000	Lug Nut 1/2"
7	376-0018-000	Dust Cover
8	376-0011-000	Cotter Pin
9	376-0016-000	Castle Lock Nut
10	376-0034-000	Bearing Retainer Bushing
11	376-0013-000	Tapered Bearing, 1-1/16"
12	376-0032-000	Bearing Race
13	376-0014-000	Hub, 5 Bolt, Bare
14	376-0033-000	Lug Bolt 1/2"
15	376-0012-000	Oil Seal 1-1/16"
16	476-5013-300	Bolt, Carriage 1/2"
17	376-0002-001	Release Handle w/catch
18	484-5000-014	Bushing, 7/8" OD x 1/2" x 14 gauge
19	483-5013-003	Nylon Lock Nut 1/2"
20	625-1500-200	Sleeve 1 1/2" x 2" x 1/2" Release Handle
21	615-0250-028	Grease Zerk, 1/4" - 28
22	455-2250-500	Safety Latch, w/Roll Pin
23	477-2520-150	Bolt Stop Plate 1/4" - 28
24	481-5013-050	Allen Head Set Screw, 1/2" x 1/2"
25	770-0875-360	Spring Ball Detent
26	255-4063-780	Chrome Ball Bearing 13/32"
27	486-1562-075	Roll Pin, (Safety Latch)
28	376-2510-500	Stop Plate, Release Handle
29	770-2500-625	Spring, (Release Handle)
30	477-5013-150	Adjustment Bolt, 1/2" x 1-1/2"
31	376-4000-500	Vinyl Hand Grip 1/2" x 4"
32	376-0030-000	Jack Handle, w/Hand Grip
33	376-4500-112	Vinyl Hand Grip, 1-1/8" (Jack Bar)
34	483-5013-003	Nylon Lock Nut, 1/2"
35	455-2015-100	Ball Detent Block, 1" x 1-1/2" x 2"
36	376-0006-159	Axle, Adjustable 59"
37	376-0008-000	Axle, Outer
38	376-0007-000	Axle, Inner
39	770-0875-720	Spring
40	486-1562-075	Roll Pin
41	376-1750-750	Push Button
42	625-5000-875	Ratchet Cog



### OPTIONAL PARTS

A	376-0006-072	Axle, Straight 72"
B	376-0020-000	Push Button Assembly, (Housing, Push Button & Spring)
C	376-1625-653	Bearing Kit, (1-1/16" Bearings, Race, Oil Seal)
D	376-0021-002	Carrying Brackets, Low Profile
E	376-0022-001	Carrying Brackets, Axles
F	376-3000-840	Vehicle Tie Down Straps, (Dollies)

# MAGNA TECH POP-UP DOLLY 375-2000-480 & 375-2000-570



MAGNA TECH POP-UP DOLLY  
375-2000-480 & 375-2000-570

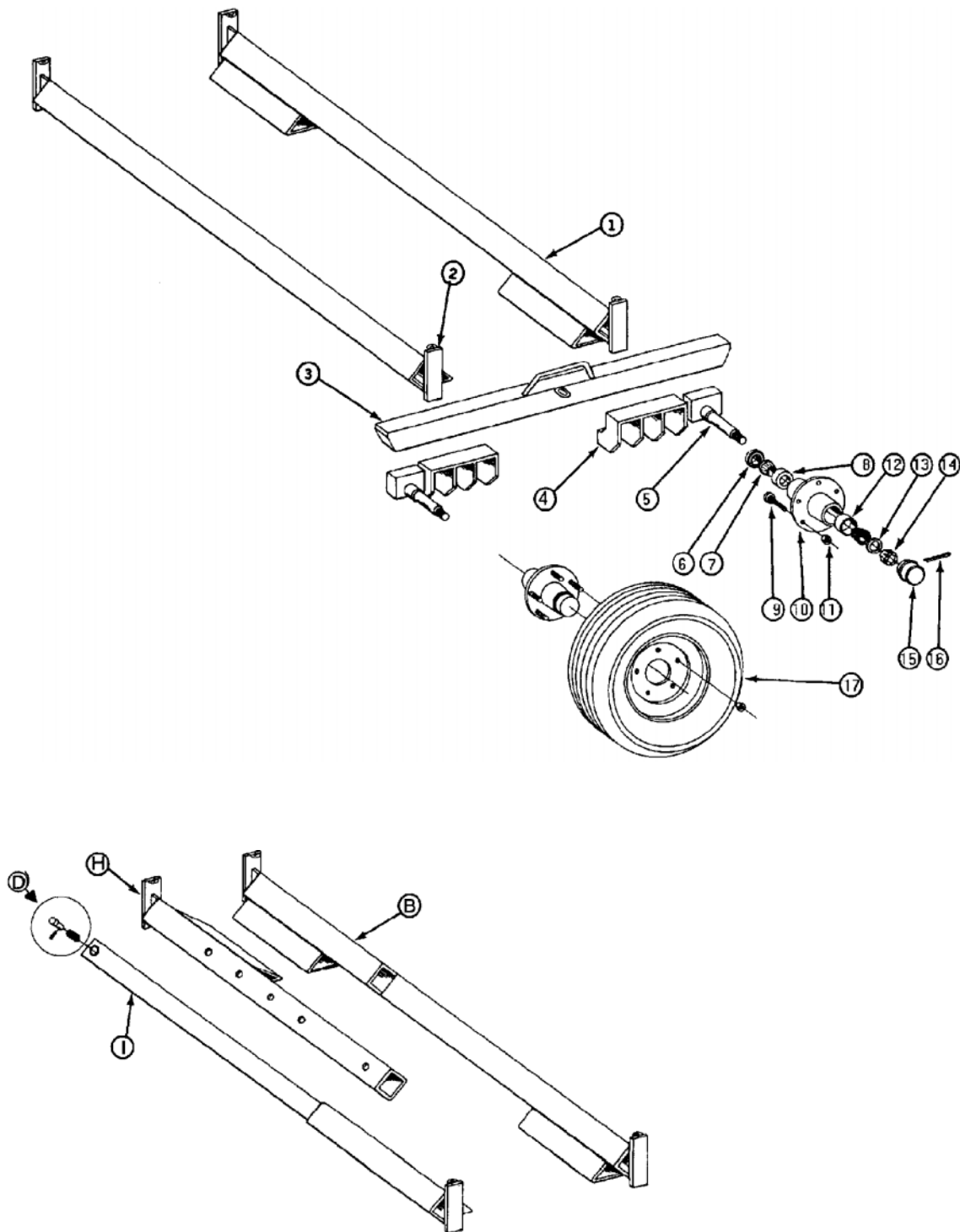
ITEM	PART NO	DESCRIPTION
1	376-1000-335	Spindle Assembly, (Complete) w/o Tires
2	376-0010-000	Spindle, 1-1/16"
3	376-0003-000	Axle, Hanger
4	376-4550-116	Hub, 5 Bolt, Complete with Bearing Kit
5A	376-0017-480	Wheel & Tire Assembly 480 x 8
5B	376-0017-570	Wheel & Tire Assembly 570 x 8
6	376-0015-000	Lug Nut 1/2"
7	376-0018-000	Dust Cover
8	376-0011-000	Cotter Pin
9	376-0016-000	Castle Lock Nut
10	376-0034-000	Bearing Retainer Bushing
11	376-0013-000	Tapered Bearing, 1-1/16"
12	376-0032-000	Bearing Race
13	376-0014-000	Hub, 5 Bolt, Bare
14	376-0033-000	Lug Bolt 1/2"
15	376-0012-000	Oil Seal 1-1/16"
16	476-5013-300	Bolt, Carriage 1/2"
17	376-0002-000	Release Handle
18	484-5000-014	Bushing, 7/8" OD x 1/2" x 14 gauge
19	483-5013-003	Nylon Lock Nut 1/2"
20	625-1500-200	Sleeve 1 1/2" x 2" x 1/2" Release Handle
21	615-0250-028	Grease Zerk, 1/4" - 28
22	455-2250-500	Safety Latch, w/Roll Pin
23	477-2520-150	Bolt Stop Plate 1/4" - 28
24	481-5013-050	Allen Head Set Screw, 1/2" x 1/2"
25	770-0875-360	Spring Ball Detent
26	255-4063-780	Chrome Ball Bearing 13/32"
27	486-1562-075	Roll Pin, (Safety Latch)
28	376-2510-500	Stop Plate, Release Handle
29	770-2500-625	Spring, (Release Handle)
30	477-5013-150	Adjustment Bolt, 1/2" x 1-1/2"
31	376-4000-500	Vinyl Hand Grip 1/2" x 4"
32	376-0030-000	Jack Handle, w/Hand Grip
33	376-4500-112	Vinyl Hand Grip, 1-1/8" (Jack Bar)
34	483-5013-003	Nylon Lock Nut, 1/2"
35	455-2015-100	Ball Detent Block, 1" x 1-1/2" x 2"
36	376-0006-159	Axle, Adjustable 59"
37	376-0008-000	Axle, Outer
38	376-0007-000	Axle, Inner
39	770-0875-720	Spring
40	486-1562-075	Roll Pin
41	376-1750-750	Push Button

**OPTIONAL PARTS**

A	376-0006-072	Axle, Straight 72"
B	376-0020-000	Push Button Assembly, (Housing, Push Button & Spring)
C	376-1625-653	Bearing Kit, (1-1/16" Bearings, Race, Oil Seal)
D	376-0021-002	Carrying Brackets, Low Profile (Not Shown)
E	376-0022-001	Carrying Brackets, Axles Co-Style (Not Shown)
F	376-3000-840	Vehicle Tie Down Straps, (Dollies) (Not Shown)

# MAGNA TECH SIMPLE DOLLY WELDED O.E.M. STYLE

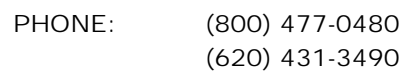
377-2000-480 & 377-2000-570



## MAGNA TECH SIMPLE DOLLY WELDED O.E.M. STYLE

**377-2000-480 & 377-2000-570**

ITEM	PART NO	DESCRIPTION
1	376-0006-072	Axle, Straight 72"
2	376-0009-000	Axle, Shue
3	376-3352-187	Support Tube, Spindle Assembly
4	770-0875-720	Spring, Push Button
5	376-0003-000	Axle Hanger
6	376-0012-000	Oil Seal
7	376-0013-000	Bearing, 1-1/16"
8	376-0032-000	Race
9	376-0033-000	Lug
10	376-0014-000	Hub, (Bare)
11	476-5013-300	Bolt, Carriage 1/2"
12	376-0032-000	Race
13	376-0034-000	Retainer Washer, Spindle
14	483-5013-002	Lock Nut, Castle
15	376-0018-000	Dust Cover
16	376-0011-000	Cotter Pin
17	376-0017-480	Wheel and Tire Assembly 480 X 8"
17	376-0017-570	Wheel and Tire Assembly 570 X 8"
A	376-0021-480	Carrying Brackets, (480 Tires)
B	376-0006-159	Axle, Adjustable 59"
C	376-0022-001	Carrying Brackets, Axle
D	376-0020-000	Push Button Assembly, (Housing, Push Button & Spring)
E	376-0021-570	Carrying Brackets, (570 Tires)
F	376-1625-653	Bearing Kit, (1-1/16" Bearings, Race, Oil Seals)
G	376-3000-840	Vehicle Tie Down Straps, (Dollies)
H	376-3007-000	Axle, Outer
I	376-0008-000	Axle, Inner

26





## NOTES

# WARRANTY

This is to certify that all **MAGNA TECH, INC.** products are to be free of defects in material and workmanship under normal use and service for a full one-year period from the date of invoice purchase.

**MAGNA TECH, INC.** reserves the right to limit this warranty in cases of misuse and abuse. Neither do we warrant any product that has been repaired, altered, **installed incorrectly**, neglected, accidentally damaged or subjected to loads exceeding our recommendations.

This warranty excludes accidental damage, normal wear and maintenance neglect.

Specifically excluded from this warranty are parts manufactured by other companies other than **MAGNA TECH, INC.** which are supplied as components of our products. Only the parts, either manufactured or modified by **MAGNA TECH, INC.** shall be covered by this warranty. The purchaser of our products shall be limited on all such other parts to the warranties of the manufacturers of such parts.

Warranty work is to be performed without charge by **MAGNA TECH, INC.** or any authorized repair center.

**MAGNA TECH, INC.** reserves the right to change or improve its products at anytime without obligation to make changes or improvements to equipment previously sold.

It is expressly understood that this product is intended for the use of towing vehicles, any other use will be at the owner's risk, and may void all said warranties.

During the warranty period, return your **MAGNA TECH, INC.** product with you proof of purchase receipt to the O.E.M. or distributor where your purchase was made, or call **MAGNA TECH, INC.** for warranty instruction procedures. Your **MAGNA TECH, INC.** product will be repaired at our option and returned to you.

This warranty is non transferable and will become effective only upon filling out the card within 30 days of purchase. Failure to do so will result in non-warranty of product.

**Model & Serial Numbers:** \_\_\_\_\_/\_\_\_\_\_

**MAGNA TECH, INC. / TOLLE PRODUCTS**

4331 SOUTH JOHNSON ROAD

CHANUTE, KS 66720

PH: (620) 431-3490

FAX: (620) 431-4227

[www.magnatechinc.com](http://www.magnatechinc.com)