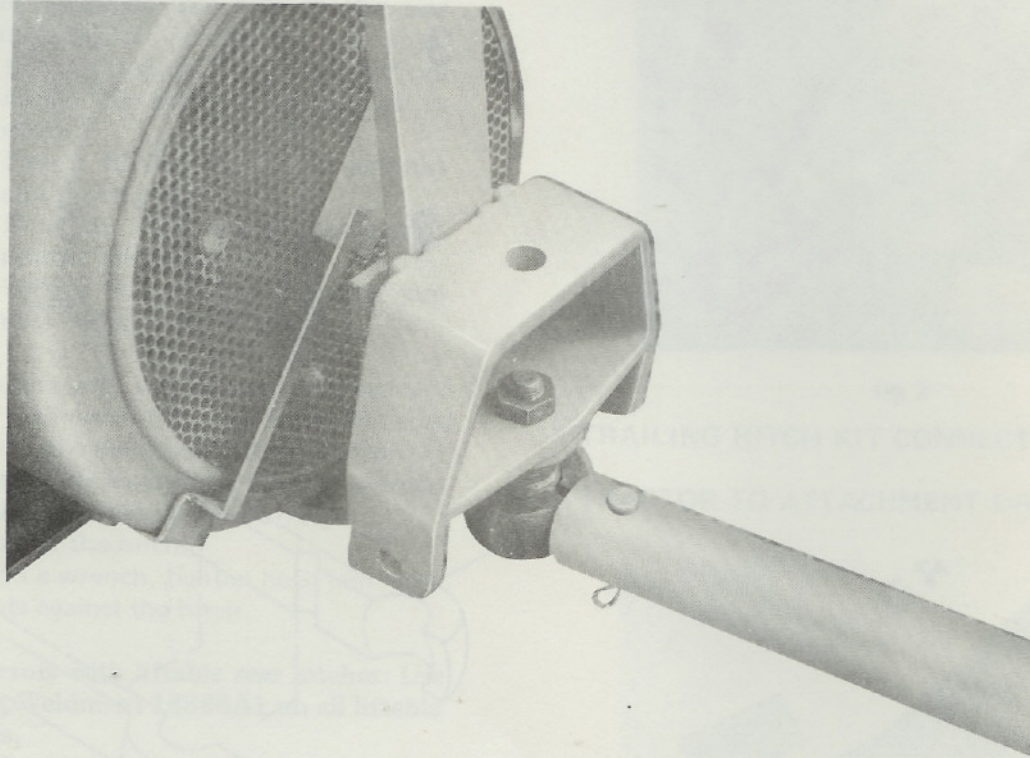


GRAVELY OPERATOR'S MANUAL

NAME: TRAILING HITCH KIT

PART NUMBER(S): 11627



TRAILING HITCH KIT CONNECTING CONVERTIBLE TRACTOR TO ATTACHMENT DRAWBAR

GENERAL

1. The Trailing Hitch Kit is designed and built to give many years of excellent service. The kit connects trailing attachments to the rear hitch of most convertible and riding tractors. Once properly installed, tools are not needed to connect and disconnect trailing attachments. Also, only one Trailing Hitch Kit is needed per tractor: the socket portion of the device is not permanently fixed to the drawbar of trailing attachments.
2. The Owners Manual includes the parts list, set-

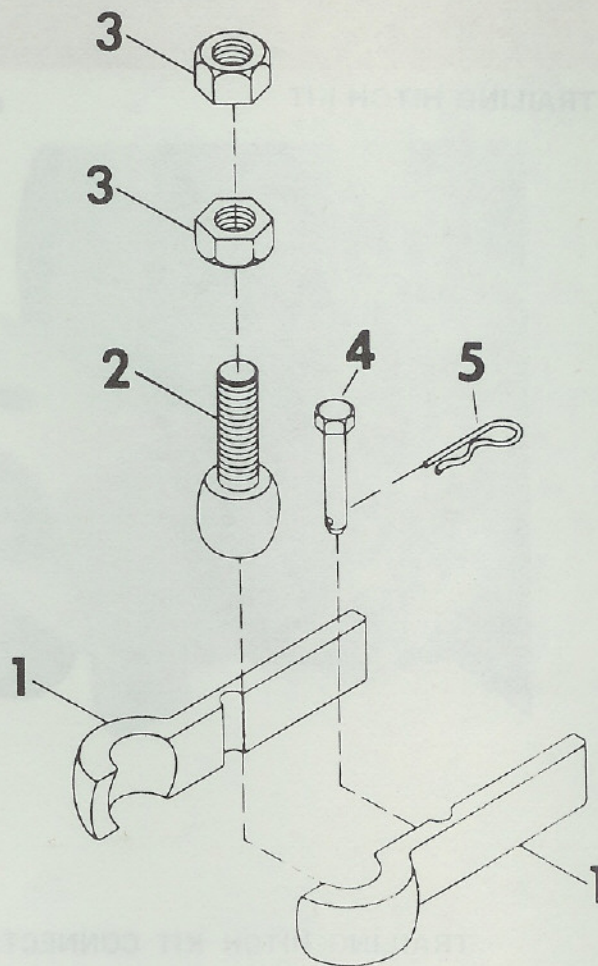
ing up the hitch, safety and maintenance instructions. Use the parts list for reference to individual part numbers. Contact the Gravelly Dealer for further information.

3. Purpose: Free movement, connecting device.
Features: Socket quick-connects to attachments.
Tractor/Attachments that connect with the Trailing Hitch Kit:
500 Series Convertibles: Coupler Strut Weldment Kit is required for the Lawn Roller and Cart
Coupler Strut Weldment Kit is required for the Lawn Roller and Cart
400 and 800 Series Riders (except 408):
Lawn Roller
Cart

To continue its program of quality and design improvement, the manufacturer reserves the right to change specifications, designs and prices without notice and incurring obligation.

Form No. 20805 (5-76)

Printed in U.S.A.



<u>ITEM NO.</u>	<u>PART NO.</u>	<u>DESCRIPTION</u>
1	12572P1	Split Socket
2	12570P1	Ball Stud
3	124944	5/8 - 18 Hex Jam Nut
4	11685P1	Drawbar Pin
5	11860P1	Hair Pin Cotter

fig 1

ILLUSTRATED PARTS LIST

INSTALLATION

1. Run one jam nut almost all the way on the shank portion of the ball stud, fig 1, Items 2 and 3.
2. Convertible Tractors: The hole in the rear hitch is threaded to accept the ball stud.
 - A. Run the ball stud in the hole from under the hitch so as the ball is down.
 - B. Run it all the way to the jam nut and make it tight.
 - C. Run the other jam nut down tight against the hitch.
 - D. With a wrench, tighten both jam nuts against the hitch.
3. Riding tractors with standard rear hitches or drawbars: the hole in the hitch is not threaded.
 - A. Place the ball stud in the hole from below the hitch so as the ball is down.
 - B. Run the other jam nut up tight against the hitch.
 - C. With a wrench, tighten both jam nuts against the hitch.
4. Riding tractors with liftable rear hitches: Use Rear Hitch Weldment 18866A1 on all liftable rear hitches.
 - A. Connect the rear hitch weldment to the liftable rear hitch (see the hitch manual).
 - B. Place the ball stud in the hole from above the weldment so as the ball is up.
 - C. Run the other jam nut up tight against the weldment.
 - D. With a wrench, tighten both jam nuts against the weldment.
5. Apply a liberal coat of general purpose grease to the cupped insides of the split socket, fig 1, Item 1.
6. Cup the split socket around the ball portion of the ball stud.
7. While holding the shank portions of the split socket together, slide the shanks into the drawbar of the trailing attachment.
8. Align the holes in the attachment drawbar with the channel formed between the two shanks of the split socket.
9. Drop the drawbar pin down through the holes in the drawbar and fasten it on the bottom side with the hair pin cotter, fig 1, Items 4 and 5.

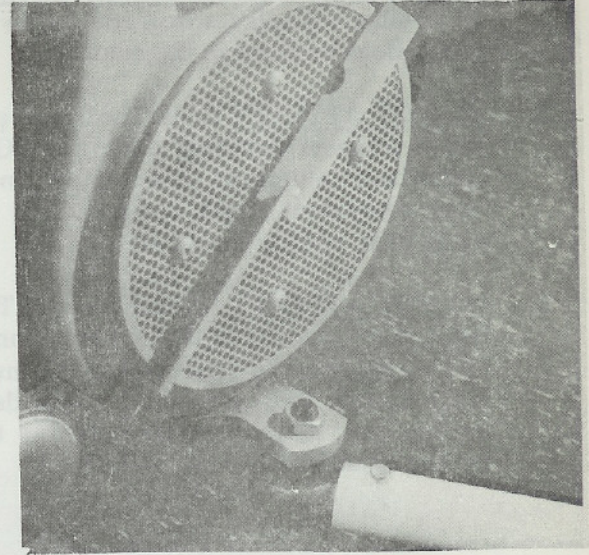
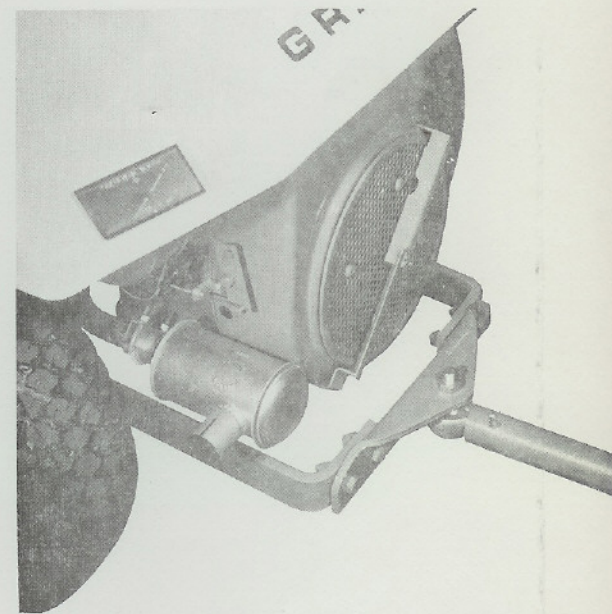


fig 2

TRAILING HITCH KIT CONNECTING 400 SERIES TRACTOR TO ATTACHMENT DRAWBAR



TRAILING HITCH KIT CONNECTING 800 SERIES TRACTOR TO ATTACHMENT DRAWBAR

ROUTINE MAINTENANCE

1. Regrease the ball and socket when it appears to be dry and/or caked.
2. Periodically inspect the drawbar pin for wear and be sure that the hair pin cotter is in place.

SAFETY

1. READ THE TRACTOR OWNERS MANUAL. Be familiar with all controls and follow safety precautions outlined in the manual.
2. DO NOT ATTEMPT to use the Trailing Hitch Kit to connect anything other than Gravely authorized equipment to a tractor. Unauthorized equipment could cause damage to the equipment and/or the operator.
3. DO NOT ATTEMPT to overload the Trailing Hitch Kit. Overloaded attachments connected by this hitch could cause damage to the equipment and/or the operator. Load is defined, in this case, as the resistance to the tractor by the attachment being pulled.

REMOVAL

1. It is not necessary to remove the ball end from the tractor.
2. The split socket may be stored in the drawbar in the normal manner of Installation, paragraphs 7, 8 and 9.

GRAVELLY

ATTACHMENT LIMITED WARRANTY

This Limited Warranty is issued by Clarke-Gravelly Corporation, Gravelly Division, and consists of the following terms:

1. Only the original purchaser of new Gravelly manufactured attachments is covered by this Warranty.
2. This Warranty covers repair or replacement of parts manufactured by Gravelly which are defective in material or workmanship. Gravelly will pay for parts and labor only.
3. The Warranty starts the date of purchase and lasts for NINETY (90) DAYS for attachments used in Roofer applications, and TWELVE (12) MONTHS for products used in all other applications.
4. Some components of Gravelly attachments are not covered by the Gravelly Warranty. These components are covered by the original manufacturer's warranty. They are:
 - (a) Tires - Goodyear, Goodrich, Armstrong, General and Firestone
5. To obtain warranty service on Gravelly attachments including components not manufactured by Gravelly, use this procedure:
 - (a) Notify the Gravelly dealer from whom you purchased the attachment.
 - (b) If you have moved and it is not convenient to notify the selling dealer, notify the nearest Gravelly dealer. You should supply this dealer with a copy of the bill of sale as proof of the date of purchase.
 - (c) Make arrangements to have the attachment delivered to the dealer (refer to paragraph 6(a) below).
 - (d) If you have any questions concerning the Gravelly Warranty, they should be referred to:

Gravelly
Clarke-Gravelly Corporation
A Studebaker-Worthington Company
One Gravelly Lane
Clemmons, N. C. 27012
Attn: Manager of Customer Services
 - (e) Warranty service on Gravelly attachments must be performed by an authorized Gravelly dealer or Gravelly factory branch.

6. This Warranty does not cover the following:
 - (a) Transportation between owner's home or place of business and the dealership. If the dealer provides the transportation of the attachment, he will charge the owner his usual rate for such service.
 - (b) Normal maintenance services and normal replacement of items such as belts lubricants, mower, plow or cultivator blades.
7. GRAVELLY MAKES NO OTHER EXPRESS WARRANTIES. ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE PERIOD SET OUT IN PARAGRAPH 3 ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE STATEMENT MAY NOT APPLY TO YOU.
8. GRAVELLY SHALL HAVE NO RESPONSIBILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE BREACH OF ANY WARRANTY, INCLUDING, BUT NOT LIMITED TO, INCONVENIENCE, RENTAL OR PURCHASE OF REPLACEMENT EQUIPMENT, LOSS OF PROFITS OR COMMERCIAL LOSS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.
9. This Warranty gives you specific legal rights, and you may have other rights which vary from state to state.
10. A Gravelly registration card is supplied with each Gravelly attachment. Please complete the card and return it to Gravelly at the address listed on the card. The registration card will be used by Gravelly for:
 - (a) Recording date of purchase.
 - (b) Notification of owners in compliance with the Consumer Product Safety Act, should any notification be necessary. The return of registration card is not required in order to take advantage of this Warranty.
11. This Warranty is not subject to change or modification by anyone, including Gravelly dealers and no Gravelly dealer is authorized to make any representations or promises on Gravelly's behalf.