



CLARKE-GRAVELY CORPORATION  
A Studebaker-Worthington Company

# SET UP INSTRUCTIONS

NAME: FRONT ADAPTER KIT

PART NUMBER(S): 21339

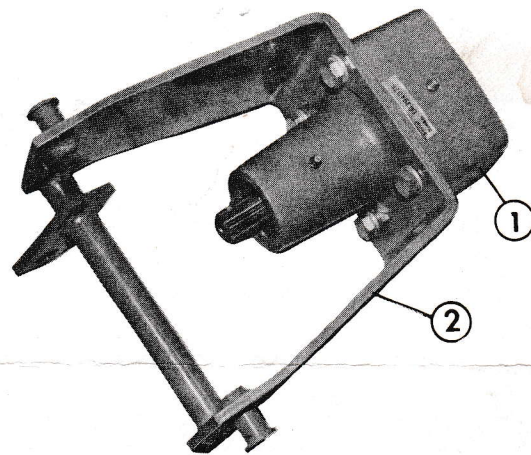
These set-up instructions give the procedure for assembling the front adapter kit. All reference to right side, left side, front and rear are given from the operator's position.

## 1.0 HOW TO TIGHTEN THE BOLTS

Tighten the bolts used to assemble the front adapter kit to the torque shown in the bolt torque specifications.

BOLT TORQUE SPECIFICATIONS		
BOLT SIZE	FOOT POUNDS (ft. lbs.)	NEWTON METERS (N.m)
1/4"	7	9.5
5/16"	14	19
3/8"	25	34
7/16"	40	54
1/2"	60	82
9/16"	83	113
5/8"	120	163
3/4"	200	271

Figure 1.0-1



1 - Adapter Housing  
2 - Attachment Lift

Figure 2.0-1

## 2.0 HOW TO ASSEMBLE THE FRONT ADAPTER KIT

1. Fasten the adapter housing to the attachment lift with the 1/2" x 1-1/2" bolt, lock washers, and the 1/2" nuts. See figure 2.0-1.
2. Put multi-purpose grease on both ends of the splined shaft. Fasten the universal joint to the splined shaft with the 1/4" x 2" bolt and the 1/4" lock nut. See figure 2.0-2.

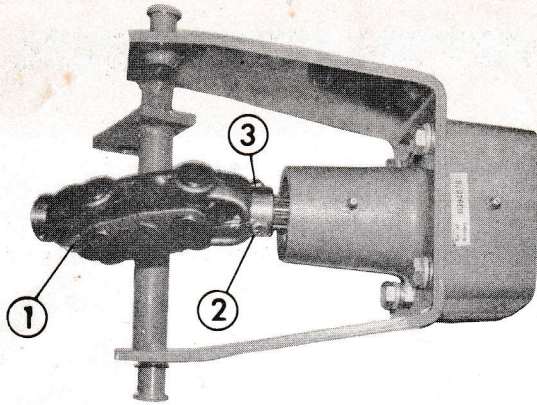
To continue its program of quality and design improvement, the manufacturer reserves the right to change specifications, designs and prices without notice and incurring obligation.

Form No. 31946 (7-79)

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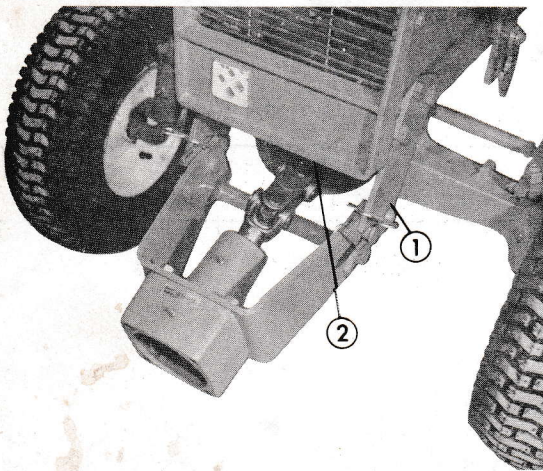




- 1 - Universal Joint
- 2 - Bolt
- 3 - Lock Nut

Figure 2.0-2

3. Put the attachment lift in position on the attachment bracket, while putting the universal joint on the drive shaft. See figure 2.0-3.



- 1 - Attachment Bracket
- 2 - Drive Shaft

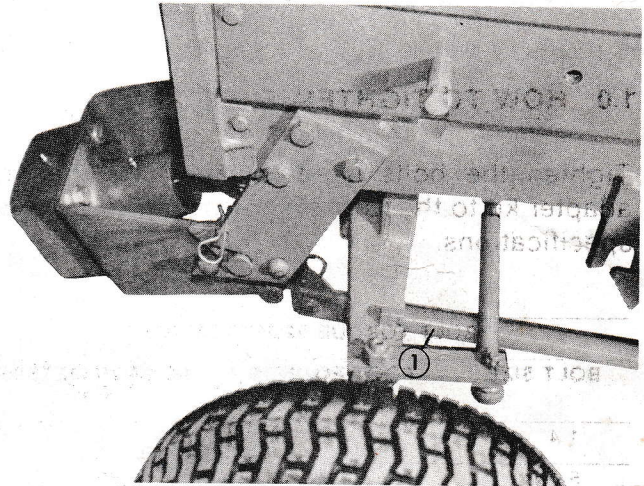
Figure 2.0-3

**NOTE:** Before installing the push rod guide, read the Operator's Manual for the attachment.

4. Install the push rod guide in the first hole in the attachment lift on the tractor.

**NOTE:** If the tractor is a Commercial 8000 Series with the long frame, slide the 4 inch (10.2 cm) spacer and the washer on the push rod guide.

5. Slide the push rod on the push rod guide. Fasten the push rod to the equipment lift as shown in figure 2.0-4.



- 1 - Push Rod

Figure 2.0-4