

## OLIVER CORPORATION



# SERVICE BULLETIN

DEALER

DIVISION

Charles City

SUBJECT

550 Tractor Steering Stops  
And Steering Knuckle Arms

NUMBER

S1-1-77

DATE

6-28-61

BREAKDOWN

IX-A And IX-D

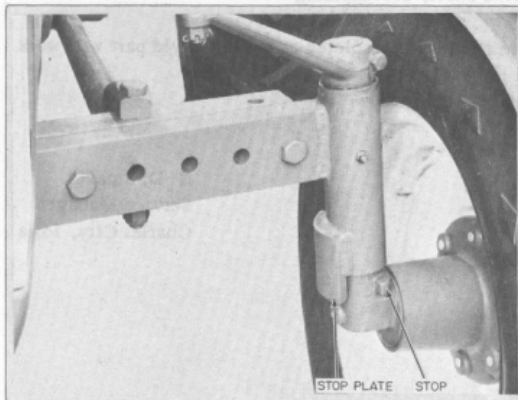


Figure 1 - Adjustable Front Axle With Current Steering Stop

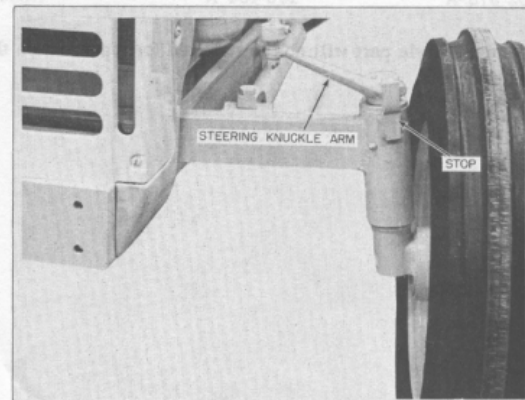


Figure 2 - Fixed Tread Axle With Superseded Steering Stop

The steering knuckle and shaft, axle outer member (adjustable front axle tractors) and front axle assembly (fixed tread front axle tractors) were changed in design on 550 tractors to provide stronger steering stops and to eliminate the possibility of a wheel going overcenter. The redesigned parts were incorporated at the following tractor serial numbers; Adjustable Front Axle — 95 220-500, Fixed Tread Front Axle — 95 245-500. The stopping action with the redesigned parts is accomplished through the use of a forged (adjustable front axle tractors) or welded (fixed tread front axle tractors) stops on each steering knuckle contacting a stop plate welded to the lower part of the steering knuckle shaft support. (See Figure 1.) The stopping action with the superseded parts was accomplished by the steering knuckle arm contacting a stop welded to the upper part of the steering knuckle shaft support. (See Figure 2.)

Beginning at tractor serial number 110 013-500, the steering knuckle arms on adjustable front axle tractors with manual steering were changed in length to provide easier steering.

The new and old style parts are listed below and can be interchanged only as shown.

### ADJUSTABLE FRONT AXLE TRACTORS

OLD STYLE PART	NEW STYLE PART	DESCRIPTION	QTY.
1E-715-A	100 697-A	Arm, Steering Knuckle (Manual Steering Only)	2
100 857-A		Spacer, Pitman Arm Stop (Power Steering Only)	4
101 319-A		Stop, Pitman Arm - RH (Power Steering Only)	1
101 320-A		Stop, Pitman Arm - LH (Power Steering Only)	1
102 707-AS	106 456-AS	Member And Bushings, Outer - RH	1
102 711-AS	106 457-AS	Member And Bushings, Outer - LH	1
*102 714-A	106 459-A	Knuckle And Shaft, Right Steering	1
*102 715-A	106 460-A	Knuckle And Shaft, Left Steering	1

\* The old style part will not be supplied for repairs when the present stock is depleted as the new style part will work in its place.

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### FIXED TREAD FRONT AXLE TRACTORS

<u>OLD STYLE PART</u>	<u>NEW STYLE PART</u>	<u>DESCRIPTION</u>	<u>QTY.</u>
100 319-A		Stop, Pitman Arm - RH (Power Steering Only)	1
100 320-A		Stop, Pitman Arm - LH (Power Steering Only)	1
100 857-A		Spacer, Pitman Arm Stop (Power Steering Only)	4
102 550-AS	106 462-AS	Axle With Bushings, Front	1
*102 572-A	106 463-A	Knuckle And Shaft, Right Steering	1
*102 573-A	106 464-A	Knuckle And Shaft, Left Steering	1

\* The old style part will not be supplied for repairs when the present stock is depleted as the new style part will work in its place.

H. D. Stoakes  
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