



STEERING MECHANISM

1. DESCRIPTION

The steering mechanism fitted to all industrial power wheel tractors conforms to a basic design. A worm with a segment, or gear wheel, meshed with it provides the connection between the steering wheel shaft and the drag link.

The "I" series wheel tractor has the steering housing mounted on top of the rear frame where it supports the rear of the fuel tank and the instrument panel. The Super-A wheel tractor has the steering gear housing mounted in the upper portion of the front axle mounting. In these wheel tractors, the steering worm is integral with the steering wheel shaft.

2. SPECIFICATIONS

	Super-A Tractor	I-4	I-6, ID-6	I-9, ID-9
Type	Worm and segment gear	Worm and gear	Worm and gear	Worm and gear
LUBRICANT				
Capacity,	2 pints	1 pint, 6 oz.	1-1/2 pints	2-1/2 pints
Type	IHC 100-H or SAE 90 oil	IHC 100-H or SAE 90 oil	IHC 100-H or SAE 90 oil	IHC 100-H or SAE 90 oil
BUSHINGS				
Steering worm shaft bushing (1) normal size	1.000 to 1.002 inch	1.000 to 1.002 inch	1.000 to 1.002 inch	.....
Steering worm shaft bushing clearance	0.001 to 0.004 inch	0.001 to 0.004 inch	0.001 to 0.004 inch	.....
Steering worm gear shaft bushing (2) normal size . . . . .	.....	1.2505 to 1.2515 in.	1.2505 to 1.2515 in.	.....
Steering worm gear shaft clearance . . . . .	.....	0.0015 to 0.0035 in.	0.0015 to 0.0035 in.	.....
Steering worm wheel shaft bushing size	1.1865 to 1.1880	.....	.....	.....
Steering worm wheel shaft bushing clearance . . . . .	.0015 to .0035	.....	.....	.....