

AXLES



3. CHECKING MECHANICAL PROBLEMS

PROBLEM	POSSIBLE CAUSE	REMEDY	FOR FURTHER INFORMATION
(A) <u>FRONT AXLE</u> 1. Tractor will not steer.	(a) Worn or damaged steering linkage. (b) Faulty steering gear assembly. (c) Defective front axle. (d) Lack of lubrication.	(a) Check drag link, steering gear arm and ball seats for damage or wear. (b) Inspect the worm gear and shaft, and the cam lever for damage or wear. (c) Check axle part for damage. (d) Lubricate as specified.	(a) See "Axles - Cleaning, Inspection and Repair" (par. 6). (b) See "Axles - Cleaning, Inspection and Repair" (par. 6). (c) See "Axles - Cleaning, Inspection and Repair" (par. 6). (d) See "Operator's Manual."
2. Tractor is hard to steer.	(a) See 1. (a) above. (b) Binding in steering knuckle. (c) Tight steering gear. (d) Low pressure in tires. (e) Incorrect amount of toe-in.	(a) See 1. (a) above. (b) Check steering knuckle bushing for wear. (c) Check worm gear and bearings for damage or wear. Check worm gear cam and lever. (d) Inflate to specified pressure. (e) Adjust toe-in.	(a) See 1. (a) above. (b) See "Axles - Specifications" (par. 2). (c) See "Steering Mechanism." (d) See "Tires - Specifications." (e) See "Wheels - Adjustments."
3. Shimmy.	(a) Excessive play in front axle. (b) Improper toe-in. (c) Excessive play in linkage.	(a) Check for worn parts, steering gear arm, clevis pin holes, ball seats, drag link, steering knuckles; and for correct adjustments. (b) Adjust toe-in. (c) Inspect all steering joints for wear. Replace any defective parts.	(a) See "Steering Mechanism" and "Axles - Cleaning, Inspection and Repair" (par. 6). (b) See "Wheels - Adjustments." (c) See "Steering Mechanism" and "Axles - Cleaning, Inspection and Repair" (par. 6).