

SP Models with Steering Handwheel
 Selected Guidance & Hydraulic Brakes
 (Manufactured from 11/84 to 10/86)

Customer _____

Dealer _____

Date	Hr. Meter Reading	Make	Serial No.	Customer P.O. No.



WARNING

**Do not disconnect power to Line Driver if vehicle is on the Guidepath.
 Perform all operational tests with care.**

SYSTEM SPECIFICATIONS

Tracking:

- In steered wheel direction = $\pm \frac{1}{2}$ inch (checked at steer wheel at full travel speed).
- In load wheel direction = $\pm \frac{1}{2}$ inch (checked at load center at full travel speed).
 Note: When guiding in load wheel direction, the steered wheel deviation can be a maximum of 1/8 inch per foot of wheel base plus the 1/2 inch deviation. For example, an SP48 with approximately 10 foot of wheel base can have a deviation of 1 1/4 inch plus the 1/2 inch for a total of 1 3/4 inches.

Acquisition:

- Maximum approach angle = 20° (when traveling in steered wheel direction at a reasonable speed).
- Active Sensing width at the point of acquisition = 15 inches.

1. Visual Inspection	6. Crown Line Driver	• Short Tone & Red LED Out at Acquisition
A. Control Cables	A. Power Lamp (Green)	• 3 Second Alarm & Both LED's Lit if Wire Not Acquired. (Test by Using Sharp Angle.)
B. Sensor & Mounting	B. Battery Meter Reading	D. Guidance Mode
2. Clean & Lubricate	C. Line Lamp (Amber)	• Amber LED Lit
A. Steering Sprocket & Chains	D. Battery Operation	• Guides in Both Directions
B. Steering Gearbox	• AC Disconnected	• Constant Audio Alarm if Guidance is Lost. (Drive Off End of Guide Path in Automatic).
C. Steering Handwheel	E. Alarm Operation AC Disconnected	• Brakes are Applied and Both LED's Lit if Guidance is Lost
3. Steering Assembly	F. Line Current Reading	• Reset to Clear Alarms
A. Motor Brushes	7. Operational Checks, Steering Assembly	E. General
B. Cable Connectors	A. Override Mode	• All Vehicles Exhibit Similar Operating Characteristics.
4. Line Driver, M3	• No. LED's Lit	
A. Power LED (Red)	• Steers Normally	
B. Battery Meter (27.3 Vdc.)	B. Manual Mode	
C. Line LED (Amber)	• Red LED Lit	
D. Battery Operation (24 Vdc.)	• Steers Normally	
• A.C. Disconnected	• Steer Lock to Lock	
5. Line Driver, M4	C. Automatic Mode	
A. Power LED (Red)	• Acquisition Requested	
B. Battery Led (Red)	• Red & Amber LED's Lit	
C. Line LED (Amber)		
D. Battery Operation		
• A.C. Disconnected		
E. Line Current Reading		

Codes

- ✓ = O.K.
- A = Adjust
- R = Repair
- U = Urgent

Comments: _____

Authorized Signature _____

Serviceman _____