# TECHNICAL SERVICE BULLETIN

**No. 985700-001**
**Machine: 5700**
**System: SPECS.**

**5700**

## Electrical

Battery: Standard 235 A/H @ 20 HR RT
Heavy Duty 305 A/H @ 20 HR RT

Motors:

Drive — Motor Vendor – Magnetek — HP – 0.5 ( 0.37 kW )
Max Amp Draw ( Continuous ) : 15
Max Amp Draw ( Intermittent ) : 30–35

Brushes — Motor Vendor – Imperial ( Disc ) STD — HP – 0.6 ( 0.37 kW )
( Disc ) HD — HP – 1.0 ( 0.75 kW )
Motor Vendor – Magnetek ( Cylindrical ) — HP – 0.75 ( 0.57 kW )
Max Amp Draw : 20 ( Std. ) 35 ( HD )

| | | | | Total Amp Draw ( Both Brushes) | |
|---|---|---|---|---|---|
| Brush Motor | CYL | STD. DISC | HD DISC | STD MOTOR | HD MOTOR |
| " On and Up " | 775–850 | 350–390 | 350–390 | 4 ± 2 | 4 ± 2 |
| " Setting #1 " | 750–800 | 300–360 | 300–360 | 12 ± 2 | 24 ± 2 |
| " Setting #2 " | 750–800 | 300–360 | 300–360 | 17 ± 2 | 34 ± 2 |
| " Setting #3 " | 750–800 | 300–360 | 300–360 | 24 ± 2 | 48 ± 2 |
| " Setting #4 " | 750–800 | 300–360 | 300–360 | 32 ± 2 | 64 ± 2 |

Vac Fan Motor — 14000 RPM — HP – 0.85 ( 0.63 kW ) — 17.5 Amps Max

Propelling Motor

Level Surface Full Forward

| | | |
|---|---|---|
| Brushes/Squeegee Up | 4–6 Amps | 4–6 Amps |
| Brushes/Squeegee Down | 6–8 Amps | 7–9 Amps |

Total average machine Amp draw while scrubbing in "Normal" on level, smooth surface:

| | |
|---|---|
| Brush 1 and 2 | 20 Amps |
| Vacuum Fan | 18 Amps |
| Propelling | 7 Amps |
| Total | 45 Amps |

Run time per charge hours

| 235 A/H | 305 A/H |
|---|---|
| 2.5–3.5 hours | 4–5 |

## Chassis

Tire Pressure: 65 PSI Std.

## Electrical

Battery: Standard 235 A/H @ 20 HR RT
Heavy Duty 305 A/H @ 20 HR RT

Motors:

| | | |
|---|---|---|
| Drive | Motor Vendor – Magnetek | HP – 0.5 ( 0.37 kW ) |
| | Max Amp Draw ( Continuous ) : 15 | |
| | Max Amp Draw ( Intermittent ) : 30–35 | |
| Brushes | Motor Vendor – Imperial ( Disc ) STD | HP – 0.6 ( 0.37 kW ) |
| | ( Disc ) HD | HP – 1.0 ( 0.75 kW ) |
| | Motor Vendor – Magnetek ( Cylindrical ) | HP – 0.75 ( 0.57 kW ) |
| | Max Amp Draw : 20 ( Std. ) 35 ( HD ) | |

| | | | | Total Amp Draw ( Both Brushes) | |
|---|---|---|---|---|---|
| Brush Motor | CYL | STD. DISC | HD DISC | STD MOTOR | HD MOTOR |
| " On and Up " | 775–850 | 350–390 | 350–390 | 4 ± 2 | 4 ± 2 |
| " Setting #1 " | 750–800 | 300–360 | 300–360 | 12 ± 2 | 24 ± 2 |
| " Setting #2 " | 750–800 | 300–360 | 300–360 | 17 ± 2 | 34 ± 2 |
| " Setting #3 " | 750–800 | 300–360 | 300–360 | 24 ± 2 | 48 ± 2 |
| " Setting #4 " | 750–800 | 300–360 | 300–360 | 32 ± 2 | 64 ± 2 |

Vac Fan Motor 13500 RPM HP – 0.84 17.5 Amps Max

Propelling Motor

Level Surface Full Forward

| | | |
|---|---|---|
| Brushes/Squeegee Up | 4–6 Amps | 4–6 Amps |
| Brushes/Squeegee Down | 6–8 Amps | 7–9 Amps |

Total average machine Amp draw while scrubbing in "Normal" on level, smooth surface:

| | |
|---|---|
| Brush 1 and 2 | 20 Amps |
| Vacuum Fan | 18 Amps |
| Propelling | 7 Amps |
| Total | 45 Amps |

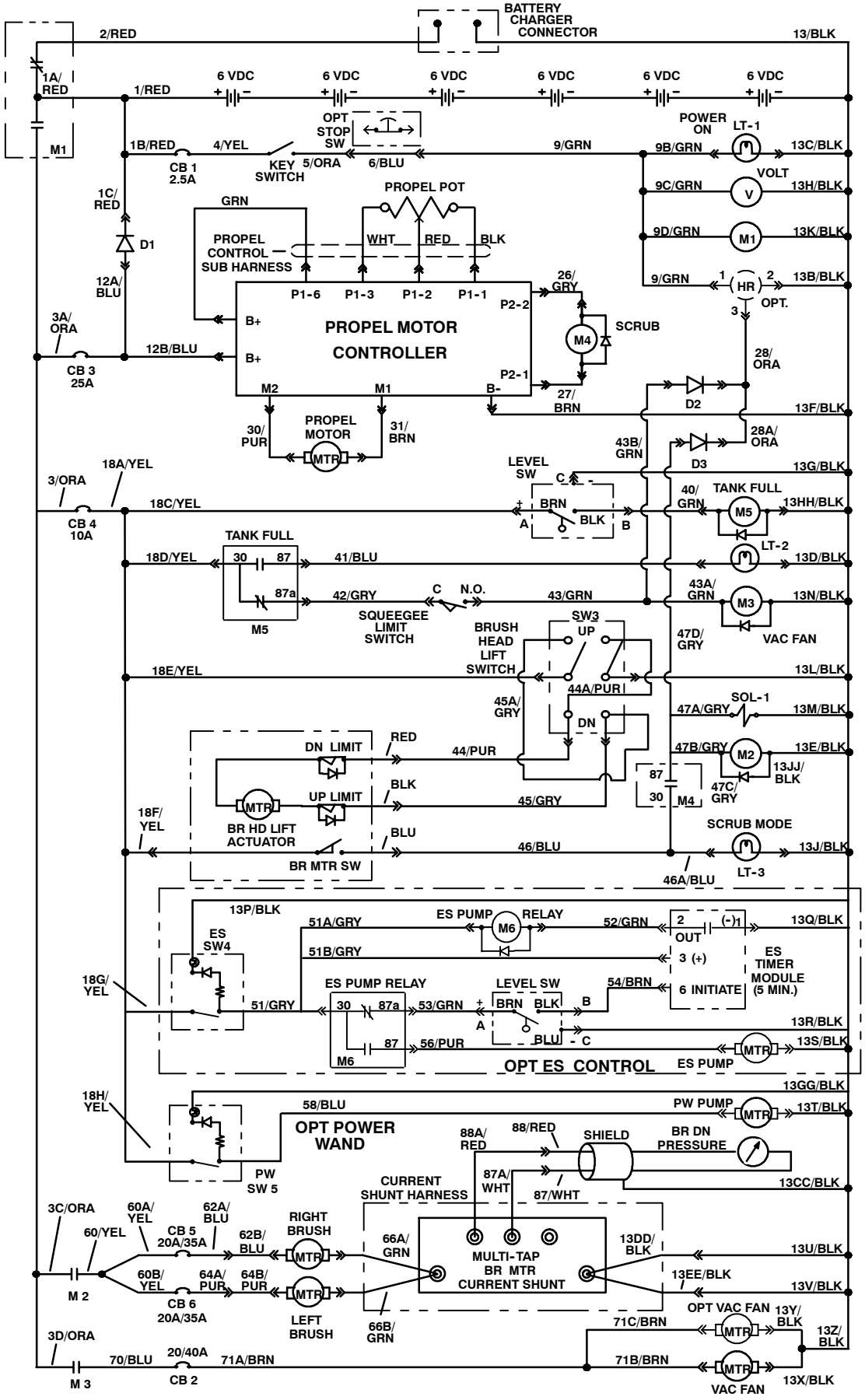
Run time per charge hours

| 235 A/H | 305 A/H |
|---|---|
| 2.5–3.5 hours | 4–5 |

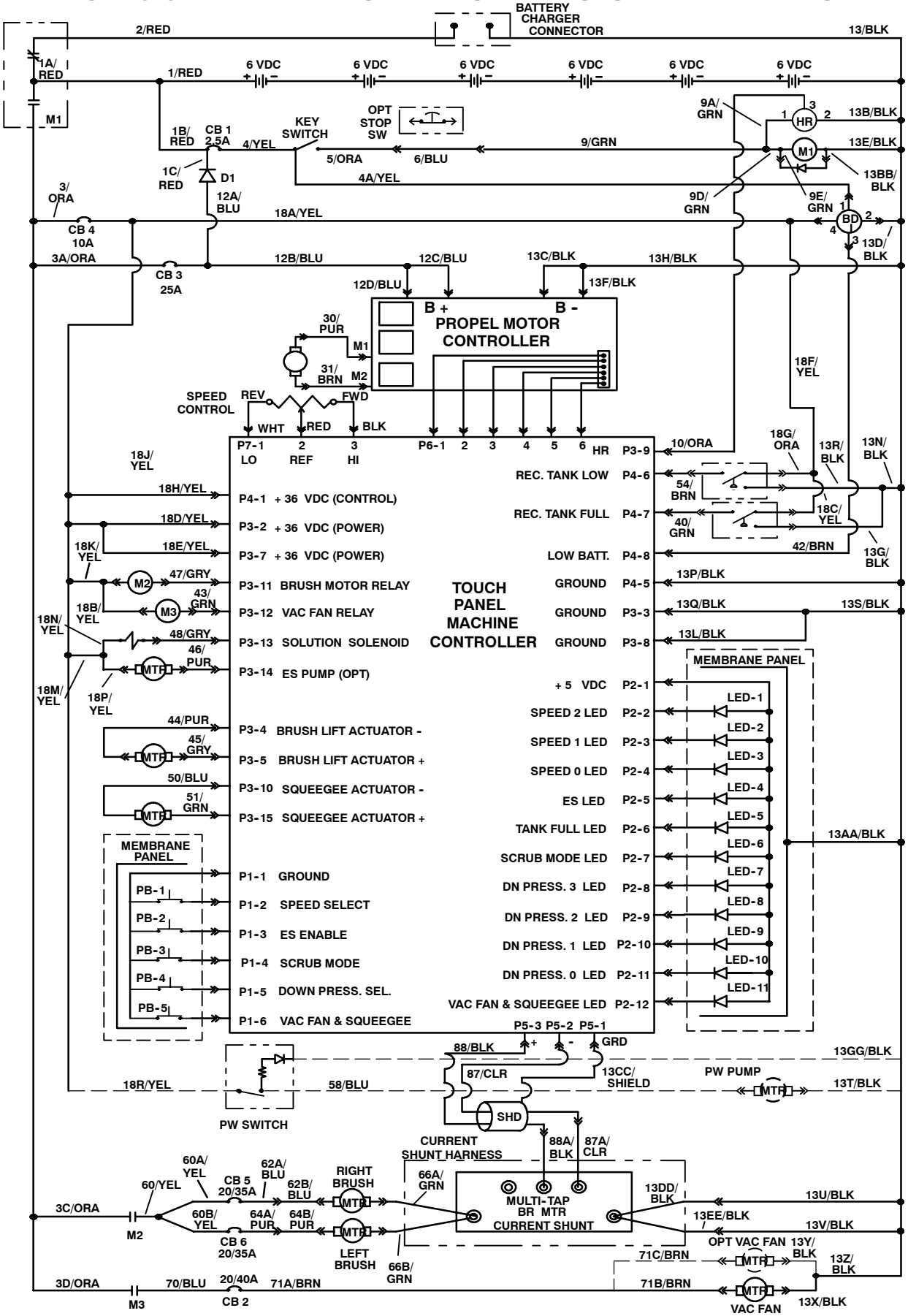
## Chassis

Tire Pressure: 65 PSI Std.

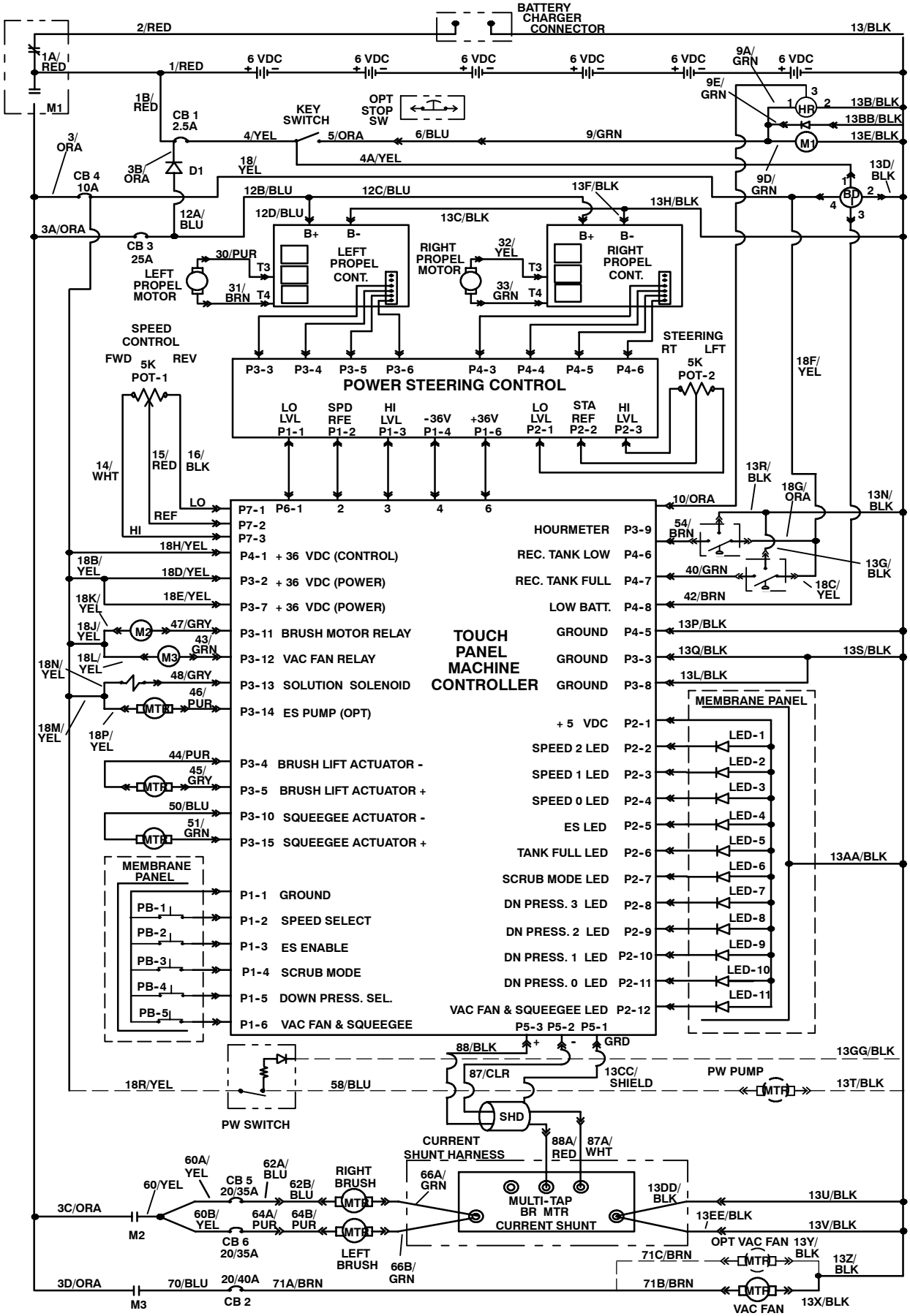
# 5700 ELECTRICAL SCHEMATIC



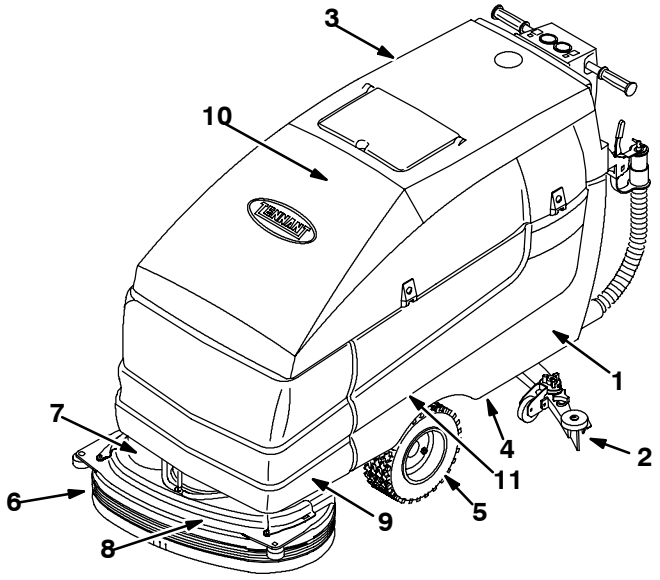
# 5700XP ELECTRICAL SCHEMATIC



# 5700XP W/PS OPT. ELECTRICAL SCHEMATIC



# MAINTENANCE

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## MAINTENANCE CHART

| Interval | Key | Description | Procedure | Lubricant | No. of Service Points |
|---|---|---|---|---|---|
| Daily | 2 | Squeegee | Check for damage and wear | – | 1 |
| | | | Check deflection and leveling | – | 1 |
| | 8 | Scrub brushes or pads | Check for damage and wear | – | 2 |
| | 1 | Recovery tank | Clean | – | 1 |
| | 1 | Recovery tank, ES™ mode | Clean ES™ filter | – | 1 |
| | 3 | Solution tank, ES™ mode | Clean | – | 1 |
| | 3 | Vacuum fan inlet filter | Clean | – | 1 |
| | | Machine | Check for leaks | – | 1 |
| | 6 | Disk scrub head skirt | Check adjustment | – | 1 |
| | | | Check for damage and wear | – | 1 |
| | 6 | Cylindrical scrub head skirts | Check adjustment | – | 4 |
| | | | Check for damage and wear | – | 4 |
| 50 Hours | 5 | Front tires | Check air pressure | – | 2 |
| | 8 | Cylindrical brushes | Check taper and rotate front to rear | – | 2 |
| 100 Hours | 4 | Rear casters | Lubricate | SPL | 2 |
| | 9 | Cylindrical scrub brush drive belts | Check tension | – | 2 |
| 500 Hours | 10 | Vacuum fan motor | Check motor brushes | – | 1 |
| 1000 Hours | 7 | Scrub brush motors | Check motor brushes | – | 2 |
| | 11 | Propelling motor | Check motor brushes | – | 1 |
| | 11 | Power steering motor | Check motor brushes | – | 1 |
| | 11 | Transaxle | Check lubricant level | – | 1 |

SPL – Special lubricant, Lubriplate EMB grease (TENNANT part no. 01433–1)
GL – SAE 90 weight gear lubricant