BUCHER hydraulics

Wiring Guide For D.C. Power Units

ISO-9001 REGISTERED

Read and understand this pamphlet before attempting installation, operation, maintenance, or repair.

Inspect the battery cables for possible shorts to the vehicle. Reroute the cable as necessary to eliminate any shorts.

Popular Bucher Hyd. Models are shown. Use a similar representation as a guide, and wire accordingly, or contact the factory at (616) 458-1306.

A 15 amp fuse is recommended for use in the black power wire.



PLEASE REMOVE ALL RINGS, WATCHES AND JEWELRY PRIOR TO DOING ANY ELECTRICAL WORK

This Pamphlet Is To Remain With Vehicle After Pump Unit Is Installed.



Wiring Guide For D.C. Power Units



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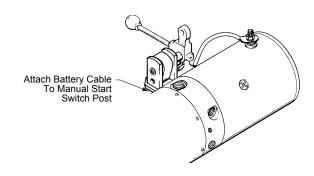
Units w/ Manual Valves



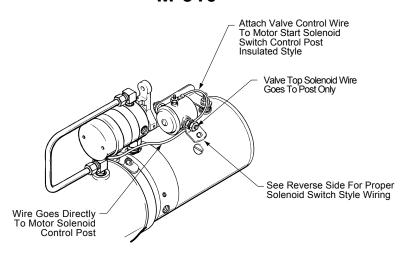
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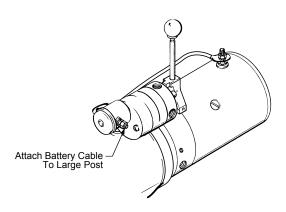
M-301



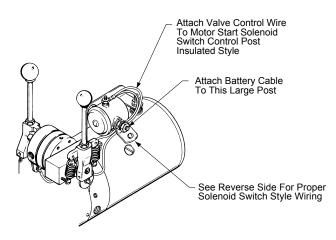
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M-310 Cam Style



M-500 3 Way, 4 Way



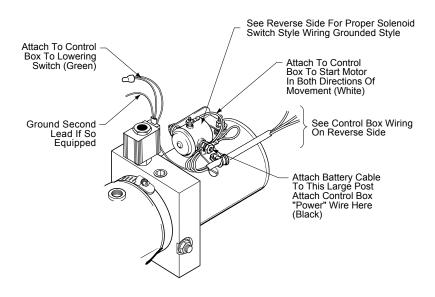
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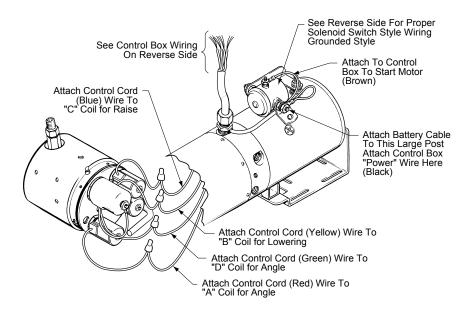
4 Way/3Way Units w/4 Solenoid Valves



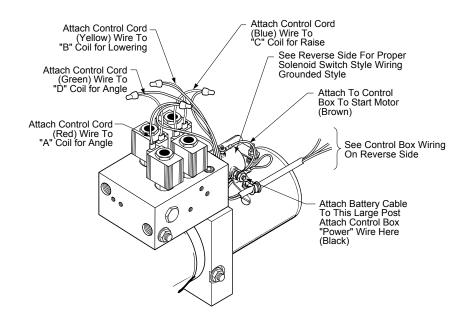
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M-683 (M-682, & M-693 Are Similar)



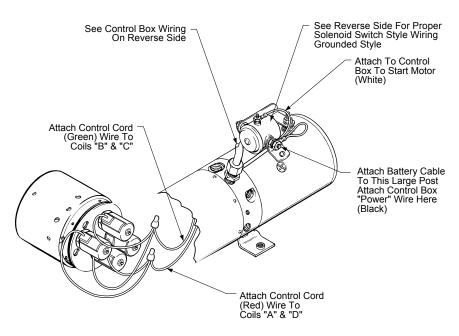
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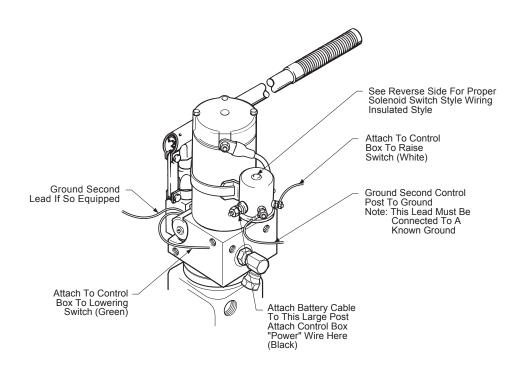
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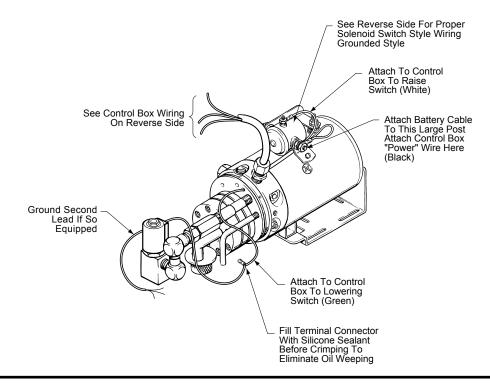
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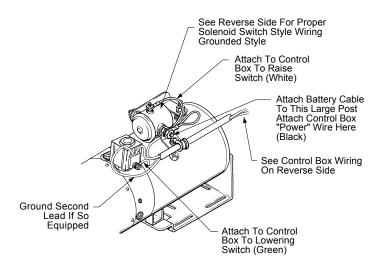
M-258/259



M-303 (M-314, M-323, M-503, & M-603 Are Similar)



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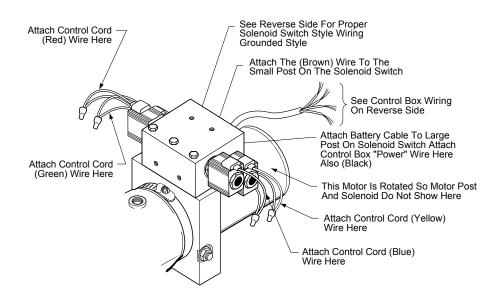
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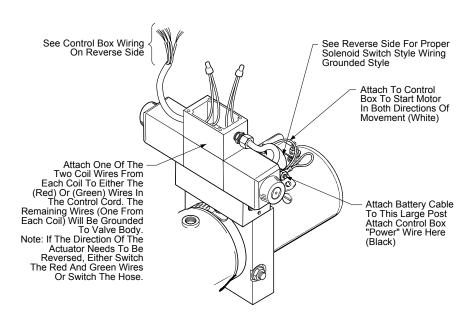




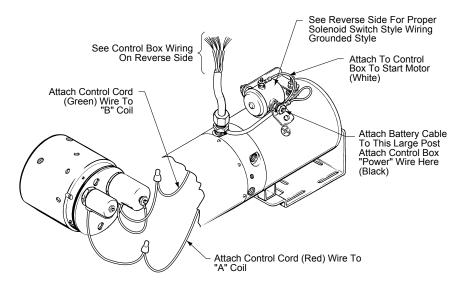
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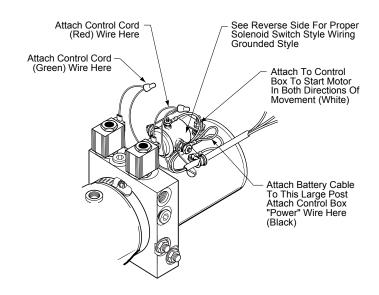
M-3515 (M-615 is Similar)



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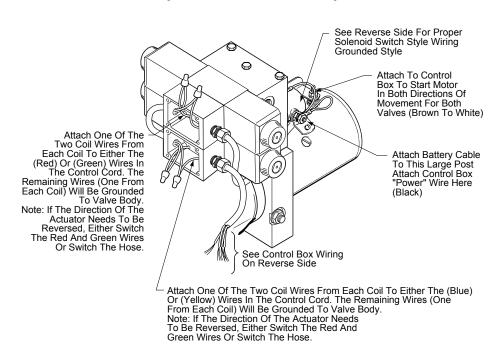




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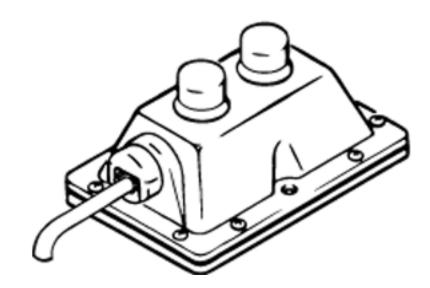


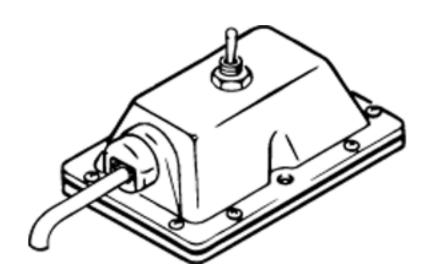


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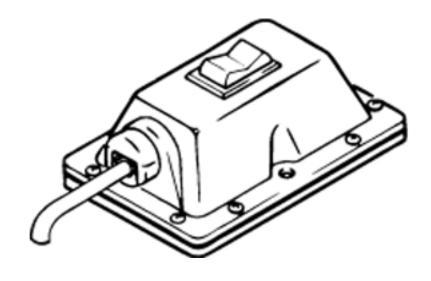
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Dual Push Button Control Box 03317 and 03404

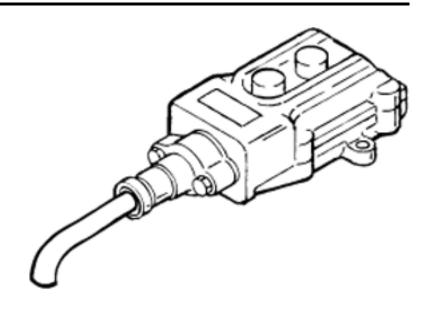




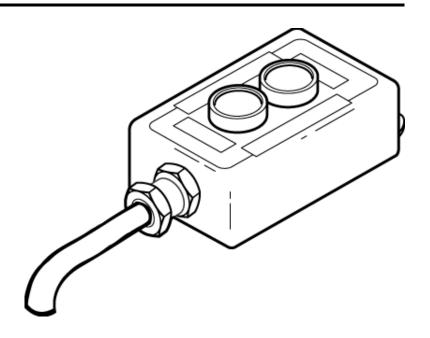
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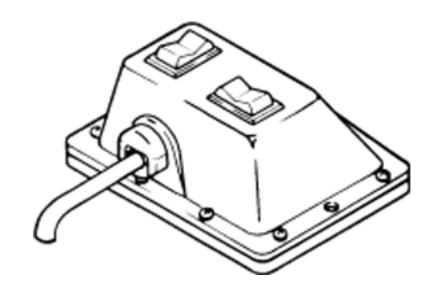
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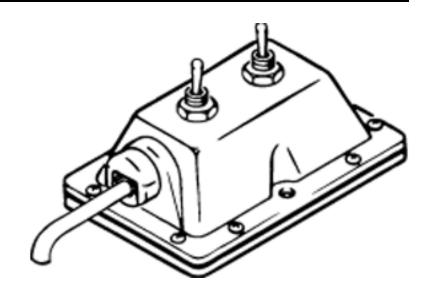
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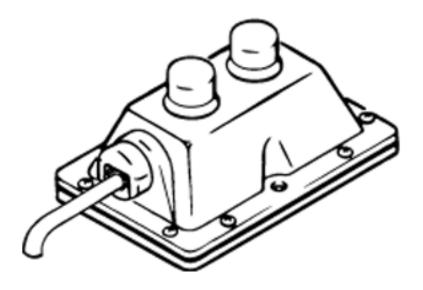


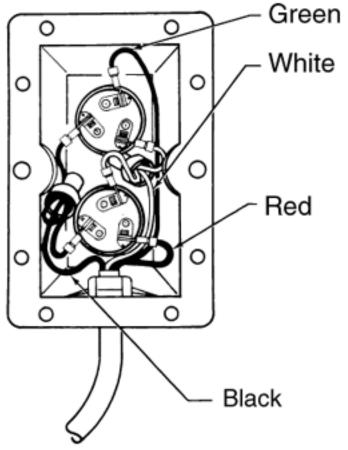
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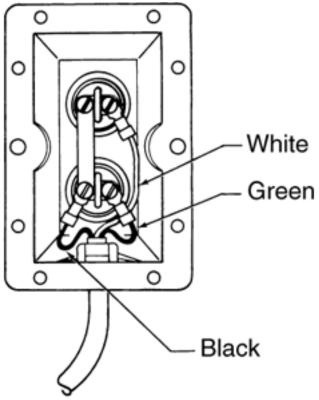
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Dual Push Button Control Box 03317 and 03404

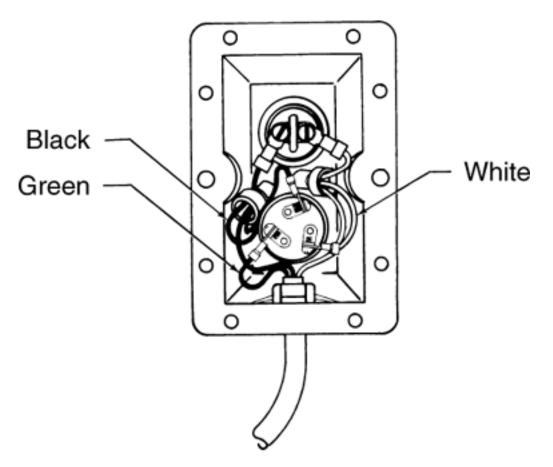




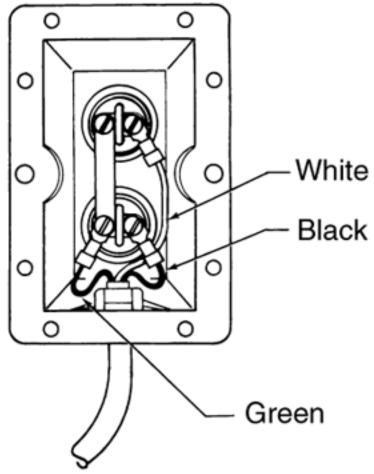
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3 - Wire Cord (4 Way) Terminal Connections (M-342)(M-3541) (M-3542)



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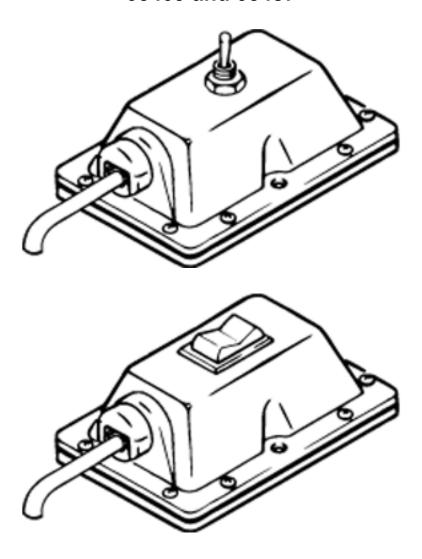


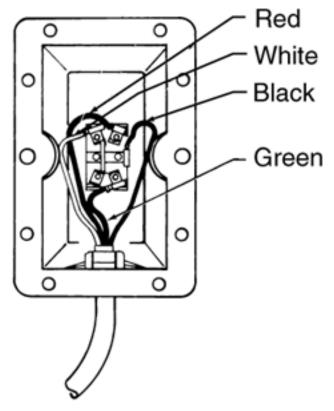
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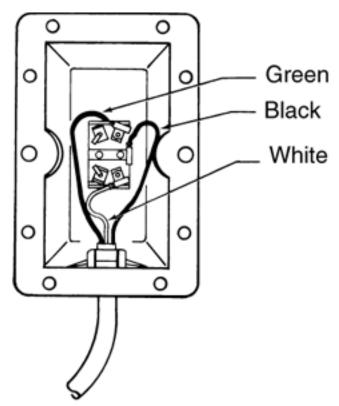
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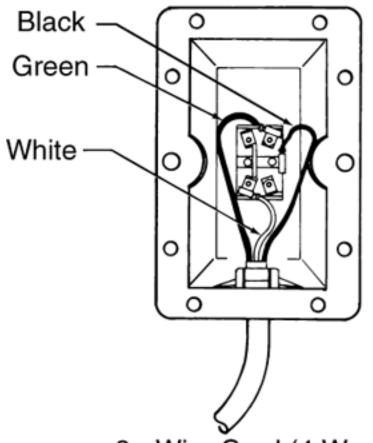




4 - Wire Cord (4 Way) Terminal Connections (M-352)(M-3551)(M-3552) (M-642)(M-644)



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Wiring Guide For D. C. Power Units

Control Box Wiring

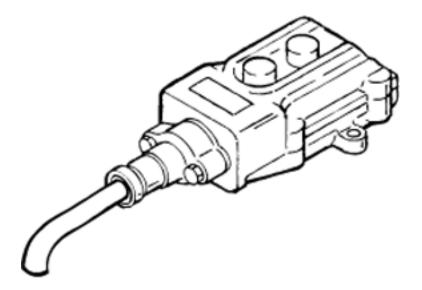


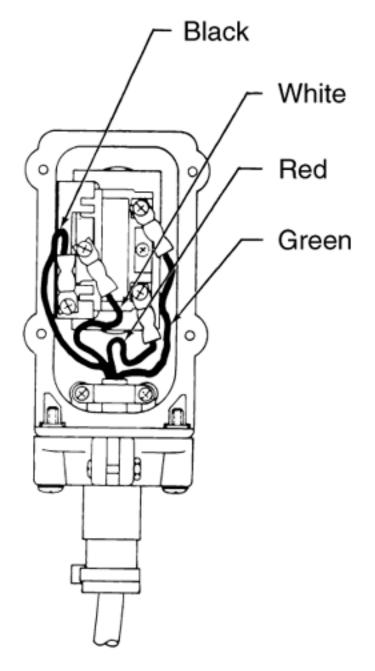
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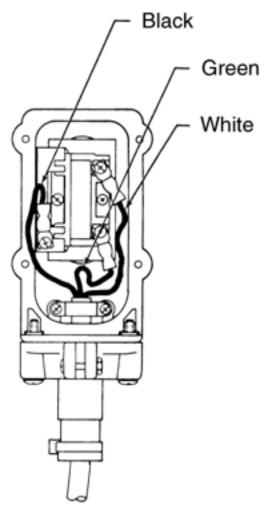
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Dual Push Button Control Box 03240

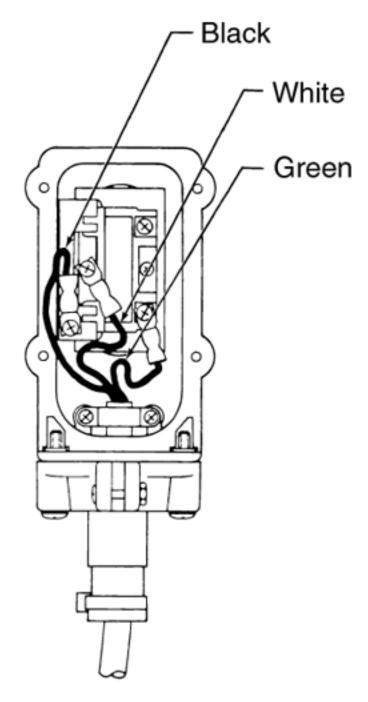




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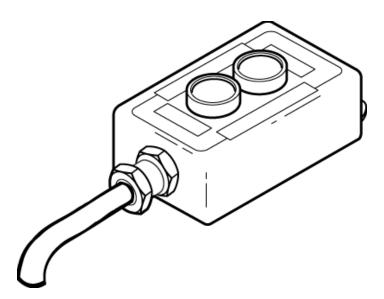


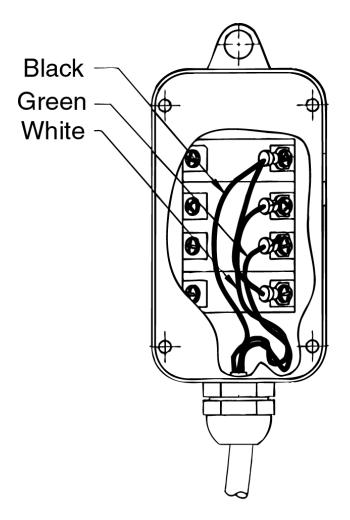
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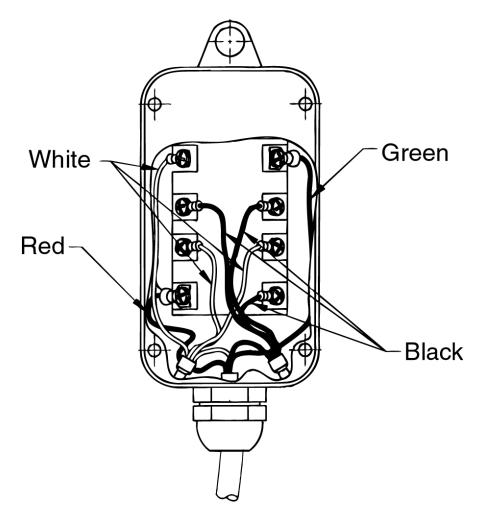
Other Control Boxes

Dual Push Button Control Box 07995

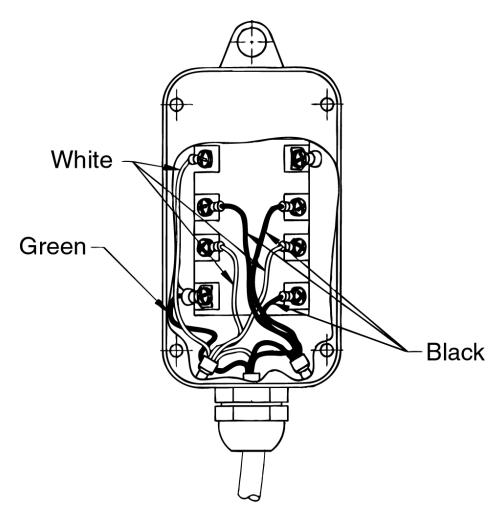




3 - Wire Cord (3 Way) Terminal Connections (M-258)(M-259)(M-303) (M-319)(M-3519)



4 - Wire Cord (4 Way) Terminal Connections (M-352)(M-642) (M-3551)(M-3552)



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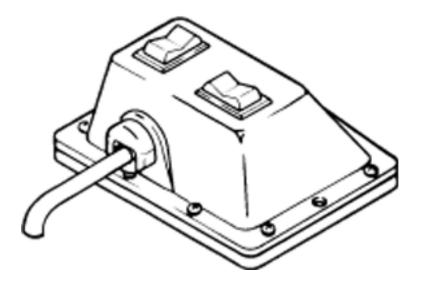


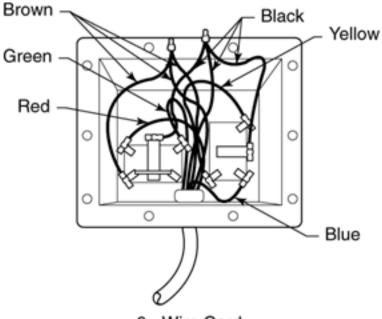
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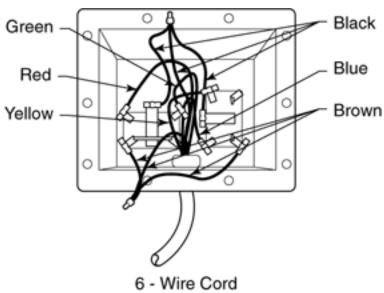
Other Control Boxes

Dual Toggle Control Box 03197 (Detented) 03201 (Non-Detented)

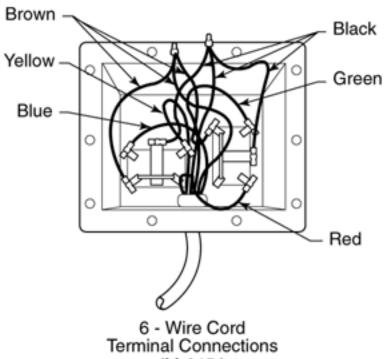




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6 - Wire Cord Terminal Connections (M-682)



6 - Wire Cord Terminal Connections (M-645)





Control Box Wiring

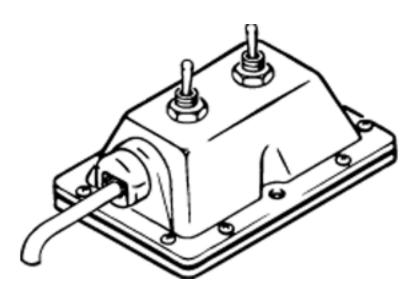


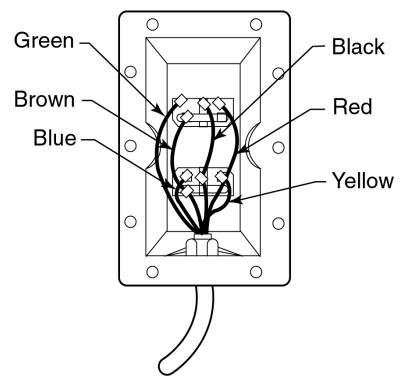
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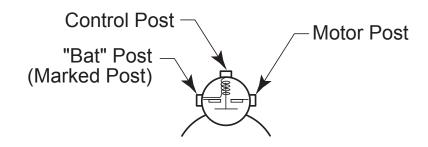
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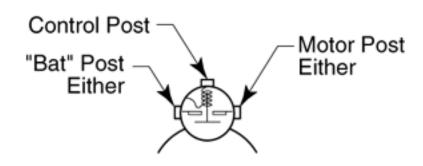
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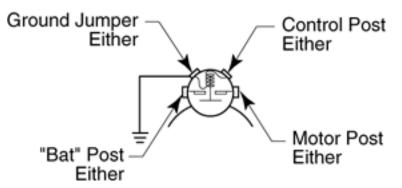
Insulated Motor Start Switch



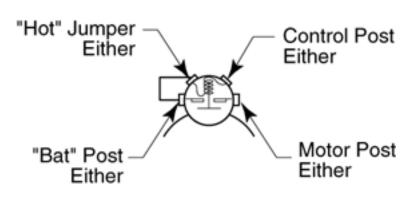
Grounded Motor Start Switch



Insulated Ground Motor
Start Switch Wired to Operate Like
Grounded Start Switch



Insulated Ground Motor
Start Switch Wired to Operate Like
Insulated Motor Start Switch



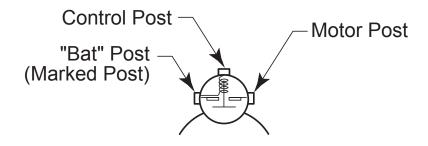


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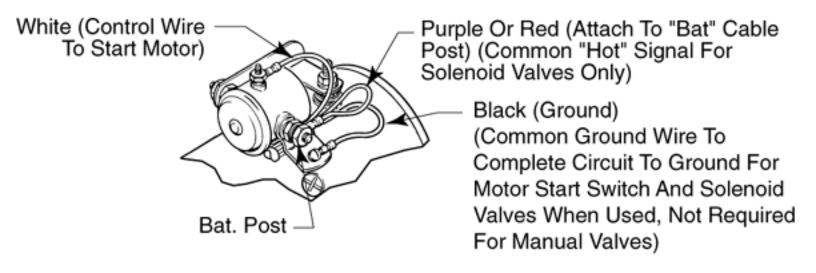
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Other Start Switches

Insulated Motor Start Switch



12 VDC 03336 24 VDC 03343



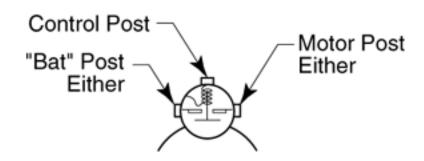


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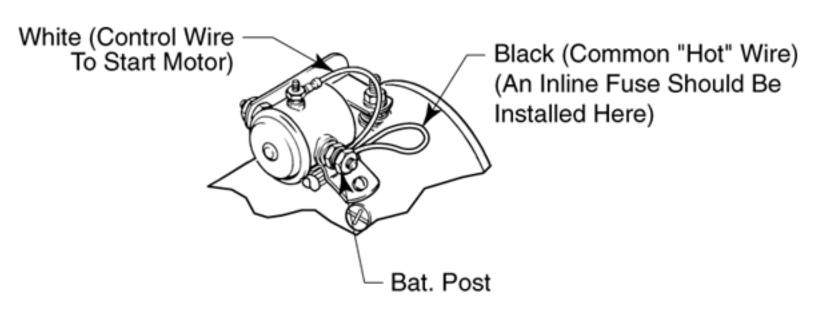
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Other Start Switches

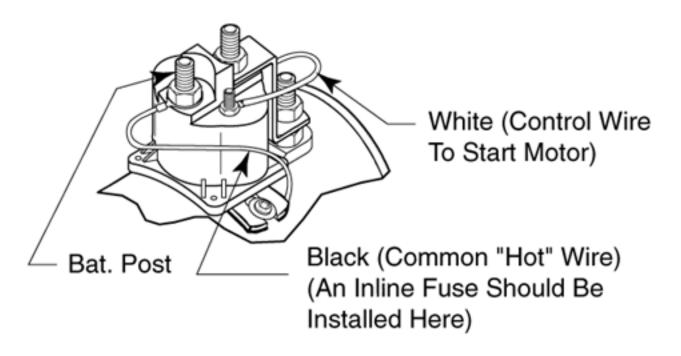
Grounded Motor Start Switch



12 VDC 03427 24 VDC 03467



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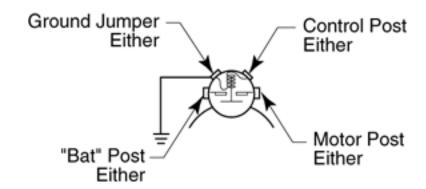


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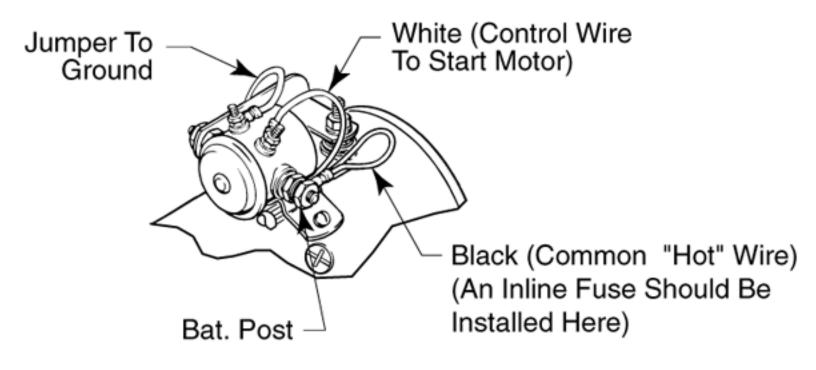
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Other Start Switches

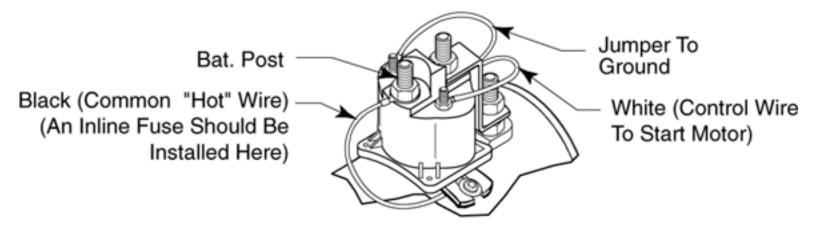
Insulated Ground Motor Start Switch Wired to Operate Like Grounded Start Switch



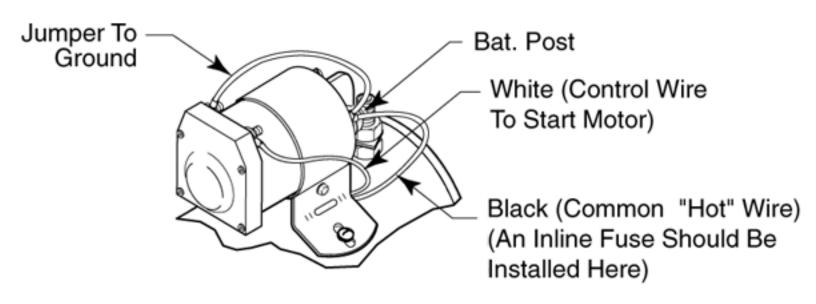
12 VDC 03335 24 VDC 03343



12 VDC 07522 24 VDC 07523



12 VDC 04295 24 VDC 04296



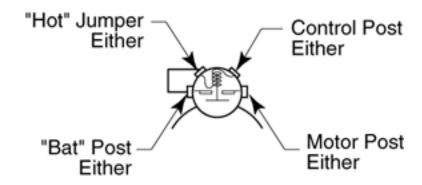


PLEASE REMOVE ALL RINGS, WATCHES AND JEWELRY PRIOR TO DOING ANY ELECTRICAL WORK

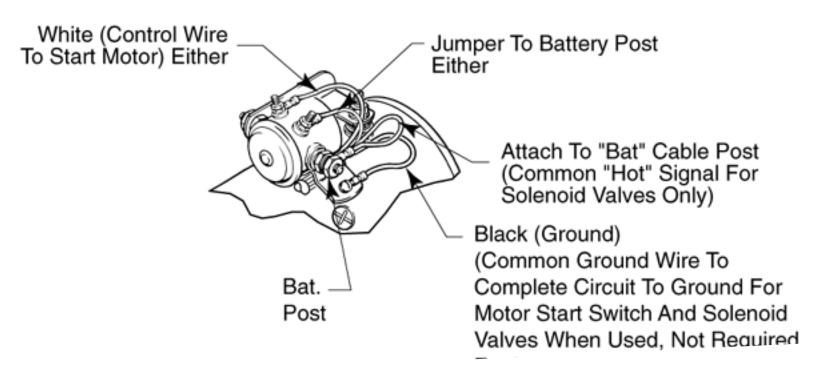
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Other Start Switches

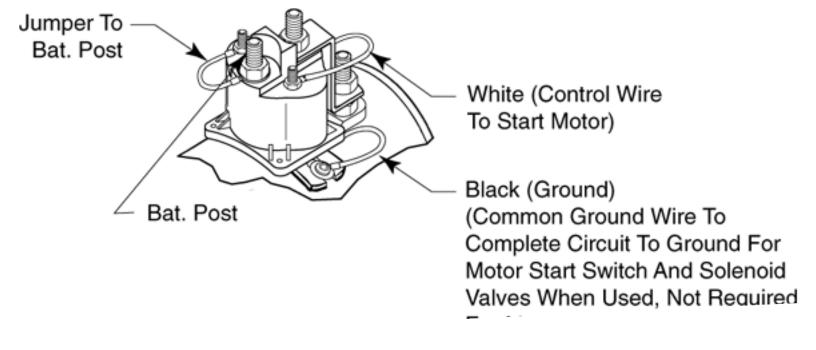
Insulated Ground Motor Start Switch Wired to Operate Like Insulated Motor Start Switch



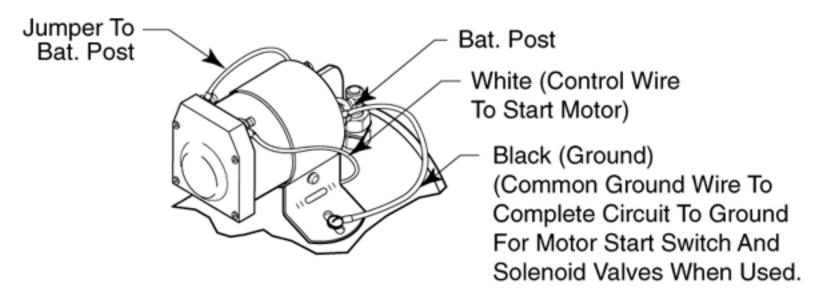
12 VDC 03335 24 VDC 03343



12 VDC 07522 24 VDC 07523



12 VDC 04295 24 VDC 04296



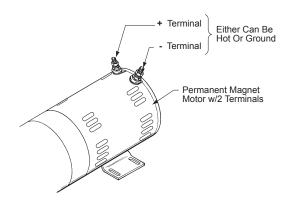




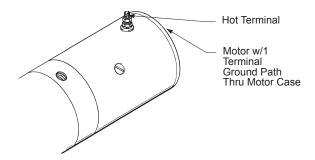
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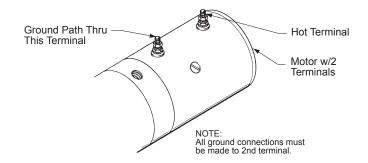
Permanent Magnet Motor w/2 Terminals



1 Terminal Motor



2 Terminal Motor





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