

Standard Repair Costs

Units Out of Warranty and No Problem Found After Bench Check will be Charged \$35.00 + Shipping and Handling

Part Number	Description	Repair Charge	Notes
Auto and Air Ejects			
091-18WP-xxx	WP Auto Eject, 15 Amp	\$ 65.00	Standard Repair Cost
091-20WP-120	WP Auto Eject, 20 Amp	\$ 65.00	Standard Repair Cost
091-xxWP-xxx	WP Auto Eject, 15 Amp	\$ 75.00	Convert Unit from 15A to 20A or 20A to 15A
091-28	Air Eject	\$ 80.00	Standard Repair Cost
091-55-xx-xxx	Super Auto Eject	\$ 70.00	Standard Repair Cost
091-55-xx-xxx	Super Auto Eject	\$ 80.00	Convert Unit from 15A to 20A or 20A to 15A
091-159-xx-xxx	Super 30 Auto Eject	\$ 130.00	Standard Repair Cost
Auto Pumps			
091-9	12 Volt Auto Pump	\$ 130.00	Standard Repair Cost
091-9	12 Volt Auto Pump	\$ 195.00	New Armature Assembly
091-9B-1	120 Volt Auto Pump	\$ 125.00	Standard Repair Cost
091-9HP	120 Volt HP Auto Pump	\$ 125.00	Standard Repair Cost
Battery Chargers			
091-7	Maintenance Master	\$ 100.00	
091-9-1000	Pump Plus 1000	\$ 130.00	Standard Repair Cost
091-9-1000	Pump Plus 1000	\$ 160.00	SCR Replacement
091-9-1000	Pump Plus 1000	\$ 200.00	Maximum Cost Before Unit is Uneconomical to Repair
091-9-1200	Pump Plus 1200	\$ 155.00	Standard Repair Cost
091-9-1200	Pump Plus 1200	\$ 205.00	SCR Replacement
091-9-1200	Pump Plus 1200	\$ 230.00	Maximum Cost Before Unit is Uneconomical to Repair
091-9-2000	Pump Plus 2000	\$ 130.00	Standard Repair Cost
091-9-2000	Pump Plus 2000	\$ 160.00	SCR Replacement
091-9-2000	Pump Plus 2000	\$ 200.00	Maximum Cost Before Unit is Uneconomical to Repair
091-9C-HO	Pump Plus HO	\$ 125.00	Standard Repair Cost
091-9C-HO	Pump Plus HO	\$ 165.00	New P.C. Board
091-9-DPP	Auto Charge D Pump Plus	\$ 155.00	Standard Repair Cost
091-9-DPP	Auto Charge D Pump Plus	\$ 185.00	SCR Replacement
091-9-DPP	Auto Charge D Pump Plus	\$ 230.00	Maximum Cost Before Unit is Uneconomical to Repair
091-10-xx	Auto Charge 20	\$ 140.00	Standard Repair Cost
091-10-xx	Auto Charge 20	\$ 190.00	New P.C. Board
091-10-PIM	Auto Charge 20 PIM	\$ 145.00	Standard Repair Cost
091-10-PIM	Auto Charge 20 PIM	\$ 185.00	New P.C. Board
091-11-xx	Auto Charge 11	\$ 130.00	Standard Repair Cost
091-11-xx	Auto Charge 11	\$ 165.00	New P.C. Board
091-11HO-xx	Auto Charge 11 HO	\$ 150.00	Standard Repair Cost
091-11HO-xx	Auto Charge 11 HO	\$ 190.00	New P.C. Board
091-11DV-xx	Auto Charge 11 DV	\$ 130.00	Standard Repair Cost
091-11DV-xx	Auto Charge 11 DV	\$ 160.00	New P.C. Board
091-11-PIM	Auto Charge 11 PIM	\$ 140.00	Standard Repair Cost
091-12-xx	Auto Charge 12	\$ 130.00	Standard Repair Cost
091-12-xx	Auto Charge 12	\$ 165.00	New P.C. Board
091-12DV-xx	Auto Charge 12 DV	\$ 130.00	Standard Repair Cost
091-12DV-xx	Auto Charge 12 DV	\$ 165.00	New P.C. Board
091-12PIM	Auto Charge 12 PIM	\$ 145.00	Standard Repair Cost
091-12PIM	Auto Charge 12 PIM	\$ 165.00	New P.C. Board
091-12HO-xx	Auto Charge 12 HO	\$ 145.00	Standard Repair Cost
091-12HO-xx	Auto Charge 12 HO	\$ 190.00	New P.C. Board
091-12VHO-xx	Auto Charge 12 VHO	\$ 155.00	Standard Repair Cost
091-12VHO-xx	Auto Charge 12 VHO	\$ 195.00	Maximum Cost Before Unit is Uneconomical to Repair
091-20/10	Auto Charge 20/10	\$ 90.00	Front Panel Button Install
091-20/20	Auto Charge 20/20	\$ 150.00	Standard Repair Cost

Kussmaul Electronics Co., Inc. 170 Cherry Avenue, West Sayville, NY 11796

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Battery Chargers - Continued			
091-20/20	Auto Charge 20/20	\$ 215.00	New P.C. Board
091-26-xx	Auto Charge 3	\$ 85.00	Standard Repair Cost
091-29-xx	Auto Charge 2	\$ 95.00	Standard Repair Cost
091-31-xx	Auto Charge 1	\$ 45.00	Standard Repair Cost
091-35/10	Auto Charge 35/10	\$ 150.00	Standard Repair Cost
091-35/10	Auto Charge 35/10	\$ 205.00	SCR Replacement
091-35/10	Auto Charge 35/10	\$ 225.00	Maximum Cost Before Unit is Uneconomical to Repair
091-36	Auto Trol	\$ 50.00	Standard Repair Cost
091-39-12	Auto Charge 2000	\$ 130.00	Standard Repair Cost
091-39-12	Auto Charge 2000	\$ 160.00	SCR Replacement
091-39-12	Auto Charge 2000	\$ 200.00	Maximum Cost Before Unit is Uneconomical to Repair
091-53-12	Auto Charge 1200	\$ 155.00	Standard Repair Cost
091-53-12	Auto Charge 1200	\$ 205.00	SCR Replacement
091-53-12	Auto Charge 1200	\$ 230.00	Maximum Cost Before Unit is Uneconomical to Repair
091-53-12	Auto Charge 1200	\$ 100.00	Convert Unit to Remote
091-53-12-REMOTE	Auto Charge 1200 Remote	\$ 155.00	Standard Repair Cost
091-53-12-REMOTE	Auto Charge 1200 Remote	\$ 205.00	SCR Replacement
091-53-12-REMOTE	Auto Charge 1200 Remote	\$ 230.00	Maximum Cost Before Unit is Uneconomical to Repair
091-56-12	Auto Charge 1000	\$ 130.00	Standard Repair Cost
091-56-12	Auto Charge 1000	\$ 160.00	SCR Replacement
091-56-12	Auto Charge 1000	\$ 200.00	Maximum Cost Before Unit is Uneconomical to Repair
091-66-12	Auto Charge D	\$ 155.00	Standard Repair Cost
091-66-12	Auto Charge D	\$ 185.00	SCR Replacement
091-66-12	Auto Charge D	\$ 230.00	Maximum Cost Before Unit is Uneconomical to Repair
091-74-12	Auto Charge D2	\$ 155.00	Standard Repair Cost
091-74-12	Auto Charge D2	\$ 225.00	Maximum Cost Before Unit is Uneconomical to Repair
091-75-xx	Auto Charge 75	\$ 180.00	Standard Repair Cost
091-75-xx	Auto Charge 75	\$ 240.00	Maximum Cost Before Unit is Uneconomical to Repair
091-89-12	Auto Charge 4000	\$ 155.00	Standard Repair Cost
091-89-12	Auto Charge 4000	\$ 200.00	SCR Replacement
091-89-12	Auto Charge 4000	\$ 230.00	Maximum Cost Before Unit is Uneconomical to Repair
091-120-xx-xx	3 Step Charger	\$ 175.00	Standard Repair Cost
091-120-xx-xx	3 Step Charger	\$ 240.00	Maximum Cost Before Unit is Uneconomical to Repair
091-128-xx-xx	3 Step Charger	\$ 160.00	Standard Repair Cost
091-128-xx-xx	3 Step Charger	\$ 215.00	SCR Replacement
091-128-xx-xx	3 Step Charger	\$ 255.00	Maximum Cost Before Unit is Uneconomical to Repair
091-165-xx	Auto Charge 12	\$ 130.00	Standard Repair Cost
091-165-xx	Auto Charge 12	\$ 165.00	New P.C. Board
091-165-xx-DV	Auto Charge 12 DV	\$ 130.00	Standard Repair Cost
091-165-xx-DV	Auto Charge 12 DV	\$ 165.00	New P.C. Board
091-168-12	Auto Charge SD 150	\$ 175.00	Standard Repair Cost
091-168-12	Auto Charge SD 150	\$ 225.00	SCR Replacement
091-168-12	Auto Charge SD 150	\$ 260.00	Maximum Cost Before Unit is Uneconomical to Repair
091-170-xx	Auto Charge 12 HO	\$ 145.00	Standard Repair Cost
091-170-xx	Auto Charge 12 HO	\$ 185.00	New P.C. Board
Battery Savers			
091-35	Battery Saver	\$ 65.00	Standard Repair Cost
091-35-HO	Battery Saver HO	\$ 130.00	Standard Repair Cost
091-51-12	Battery Saver VHO	\$ 145.00	Standard Repair Cost
091-92-12	Battery Saver Low Ripple	\$ 110.00	Standard Repair Cost

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Part Number	Description	Repair Charge	Notes
Load Managers and Sequencers			
091-22-x	Auto Current -x	\$ 32.00	Standard Repair Cost
091-22F-x	Auto Current F-x	\$ 32.00	Standard Repair Cost
091-27	Soft Start	\$ 60.00	Standard Repair Cost
091-32	Load Manager	\$ 75.00	Standard Repair Cost
091-60	Load Manager Mark II	\$ 95.00	Standard Repair Cost
091-70	Load Manager Mark III	\$ 95.00	Standard Repair Cost
091-75	Load Manager Mark IV	\$ 98.00	Standard Repair Cost
091-86-1901	Load Manager 1901	\$ 105.00	Standard Repair Cost
091-98-12	Alternate Action Relay	\$ 33.00	Standard Repair Cost
091-100-012-xx	Time Delay Relay - DOPI	\$ 40.00	Standard Repair Cost
091-103-012-xx	Time Delay Relay - DODO	\$ 40.00	Standard Repair Cost

All Prices Subject to Change without Notice

For Models not Shown, Please Call our Customer Service Department at: 1-800-346-0857

All service repairs are covered by a 90 Day Warranty Period. If an item exceeds the cost on this Repair Charge Price List, you will be notified first for authorization to proceed, otherwise you will be automatically charged the Repair Charge plus the cost of shipping the item back.