



Parts for Trucks, Trailers & Buses

6

CHARGE & START

*Proven, reliable and
always innovative.*

TRP® offers reliable aftermarket products that are designed and tested to exceed customers' expectations regardless of the vehicle make, model or age.



ALTERNATORS • STARTERS • BATTERIES •
CABLES • TERMINALS • CONNECTORS



Tested. Reliable. Guaranteed.

Charge & Start

Choosing the right replacement part or service for your vehicle—whether you own one, or a fleet—is one of the most important decisions you can make for your business. And, with tested TRP® parts it's an easy decision.

Regardless of the make you drive, TRP® quality replacement parts are engineered to fit your truck, trailer or bus. Choose the parts that give you the best value for your business. Check them out at an approved TRP® retailer near you.

The cross reference information in this catalog is based upon data provided by several industry sources and our partners. While every attempt is made to ensure the information presented is accurate, we bear no liability due to incorrect or incomplete information.

Product Availability

Due to export restrictions and market demands, not all products are always available in every location. Check for availability in your area with your local TRP® Distributor.

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ALTERNATORS

ALTERNATORS

Rated for temperatures of 105°C/221°F, TRP Alternators provide an outstanding combination of power, durability and value. Each unit is vigorously tested for quality.



RE022



RE555



RE035/RE036

RE022 SERIES FEATURES & BENEFITS

- » 150 amps of power
- » Available with J mount (RE022J) or pad mount (RE022P)

RE555 SERIES FEATURES & BENEFITS

- » 160 amps of power
- » Available with J mount (RE555J) or pad mount (RE555P)

RE035/RE036 SERIES FEATURES & BENEFITS

RE035

- » 140 amps of power
- » Available with J mount (RE035J) or pad mount (RE035P)
- » Remote sense
- » Long life brushless design

RE036

- » 170 amps of power
- » Available with J mount (RE036J) or pad mount (RE036P)
- » Remote sense
- » Long life brushless design

REK1T1

- » Remote Sense Wiring Kit



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ALTERNATORS

ALTERNATORS

TRP® heavy duty alternators are designed to meet or exceed original equipment specifications. Rigorously tested, TRP® Alternators can be counted upon to perform. Engineered for durability and performance, TRP® Alternators will keep you powered and moving.



RE022 Series



RE555 Series



RE035/RE036 Series

Table 6-2: Alternators

Part No.	Style	Mount	Temperature Rating	Amperage	Remote Sense	Warranty	Volts
RE555J	Brushed	J180	105C / 221F	160	No	1 Year	12
RE555P	Brushed	PAD	105C / 221F	160	No	1 Year	12
RE022J	Brushed	J180	105C / 221F	150	No	1 Year	12
RE022P	Brushed	PAD	105C / 221F	150	No	1 Year	12
RE035J	Brushless	J180	105C / 221F	140	Yes	3 Year	12
RE035P	Brushless	PAD	105C / 221F	140	Yes	3 Year	12
RE036J	Brushless	J180	105C / 221F	170	Yes	3 Year	12
RE036P	Brushless	PAD	105C / 221F	170	Yes	3 Year	12

CROSS REFERENCE FOR ALTERNATORS

Table 6-1: Cross Reference for Alternators

Part No.	Mfg. Part No.
RE022J	19020310
RE022P	19020889
RE555J	110-555JH0

Part No.	Mfg. Part No.
RE555P	110-555PH0
RE035J	8700016RMAN
RE035J	8600064
RE035P	8700018RMAN
RE035P	8600066
RE036J	8700046RMAN

Part No.	Mfg. Part No.
RE036J	8600126
RE036P	8700047RMAN
RE036P	8600127



STARTERS

RE39 SERIES FEATURES & BENEFITS

- » Advanced Gear Reduction design
- » Standard over-crank protection
- » Rotatable housing consolidates inventory
- » IMS is standard

RE42 SERIES FEATURES & BENEFITS

- » Straight Drive design
- » Optional over-crank protection (RE4275 and RE4255)



RE39 SERIES

RE42 SERIES

STARTERS

TRP® Starters provide an outstanding combination of power, durability and value. Extensively tested, the TRP® Starter program features a standard straight-drive design and an advanced gear reduction starter that is half the weight of a traditional straight-driver starter. Each unit is factory tested.

CROSS REFERENCE

TRP®	Description	Popular Equivalents	Popular Equivalents
RE4252	Starter - 42 Style 11 Tooth	10461052RMAN	
RE4253	Starter - 42 Style 11 Tooth	10461053RMAN	D61-6002-004
RE4255	Starter - 42 Style 11 Tooth w/ OCP	10461055RMAN	
RE4275	Starter - 42 Style 11 Tooth w/ OCP	10461075RMAN	
RE3908	Starter - 39 Style 11 Tooth w/ IMS & OCP	8200308	8200289, 8200290, 8300009RMAN 8300019RMAN
RE3933	Starter - 39 Style 12 Tooth w/ 46mm DIA w/ IMS & OCP	8200433	8200087
RE3934	Starter - 39 Style 12 Tooth w/ 43.5mm DIA w/ IMS & OCP	8200434	8200287, 8300008RMAN



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STARTERS

Tools
See Page 6-27



STARTERS

All New, Not Remanufactured!

Designed to meet or exceed original equipment specifications, each unit is 100% tested before leaving the factory.



Table 6-3: Starters Chart

Part No.	Teeth	Rotation	Over-Crank Protection	Volts	Notes
RE3908	11	CW	Yes	12	Fits Most Engines, w/ IMS
RE3934	12	CW	Yes	12	MBE4000, w/ IMS
RE3933	12	CW	Yes	12	Volvo, w/ IMS
RE4255	11	CW	Yes	12	Same as RE4252 w/ Overcrank Protection
RE4275	11	CW	Yes	12	Same as RE4253 w/ Overcrank Protection
RE4252	11	CW	No	12	
RE4253	11	CW	No	12	D61-6002-004

CROSS REFERENCE FOR STARTERS

Table 6-4: Cross Reference for Starters

Part No.	Mfg. Part No.
DELCO	
RE3908	8200037
RE3908	8200050
RE3908	8200081
RE3908	8200090
RE3908	8200091
RE3908	8200104
RE3908	8200210
RE3908	8200218
RE3908	8200219
RE3908	8200288
RE3908	8200289
RE3908	8200290
RE3908	8200308
RE3908	8200360
RE3908	19011500
RE3908	19011505
RE3908	19011516
RE3908	19011518
RE3908	19011521
RE3908	19011529
RE3908	19011530
RE3908	19011531
RE3908	10461777RMAN
RE3908	8300007RMAN
RE3908	8300009RMAN
RE3908	8300019RMAN
RE3908	8300020RMAN
RE3908	8300062RMAN
RE3908	8200308
RE3933	8200058
RE3933	8200081
RE3933	8200087

Part No.	Mfg. Part No.
RE3933	8200182
RE3933	8200186
RE3933	8200214
RE3933	8200433
RE3933	8200469
RE3933	8200470
RE3933	8200572
RE3933	19011515
RE3933	19011517
RE3933	19011526
RE3933	8300004RMAN
RE3933	8300007RMAN
RE3933	8300015RMAN
RE3933	8300060RMAN
RE3933	8300061RMAN
RE3933	8200433
RE3934	8200082
RE3934	8200084
RE3934	8200287
RE3934	8200298
RE3934	8200329
RE3934	8200434
RE3934	19011514
RE3934	19011525
RE3934	8300008RMAN
RE3934	8300013RMAN
RE3934	8300058RMAN
RE3934	8200434
RE4252	10461052RMAN
RE4253	10461053RMAN
RE4255	10461055RMAN
RE4275	10461075RMAN



Parts for Trucks, Trailers & Buses

BATTERIES



BA31S92



BD31S62/BD31P61



BT31S72/BT31S91

ABSORBED GLASS MAT (AGM)

FEATURES & BENEFITS

- » **Latest technology**
Provides best cycling and longest life
- » **Acid is absorbed in the separators**
Non-spillable, safer transport
- » **Tightly packed separators**
Resistant to vibration, better cycling than traditional battery designs

DUAL PURPOSE

FEATURES & BENEFITS

- » **Thicker plates**
Provides better cycling and longer life
- » **Dual sided plate pasting**
Increased paste weight improves cycle life

STARTING

FEATURES & BENEFITS

- » **100% calcium alloy plate.**
Highest cranking capacity, longer shelf life
- » **Fully framed computer cast grids.**
Eliminates punctured separators, better use of plate
- » **Anchor bonded**
Improved vibration resistance

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BATTERIES

COMMERCIAL ABSORBED GLASS MAT (AGM) BATTERIES

TRP® Batteries feature high-quality components that make them dependable products that last longer. They are tested at state-of-the-art facilities to meet or exceed equipment specifications, giving drivers the confidence that they can get the job done. This makes TRP® Batteries the right choice for truck and bus applications.



Table 6-5: AGM Batteries

Part No.	Type of Battery	Application	Group	Volt	CCA	Terminal Type	Location of Terminal
BA24D51	AGM	Light Truck/ Van	24	12	525	Dual	Top
BA27D51	AGM	Truck, Ag, Industrial	27	12	580	Dual	Top
BA31D81	AGM	Truck	31	12	800	Dual	Top
BA34P71	AGM		34	12	785	Post	Top
BA4DP111	AGM	Equipment	4D	12	1110	Post	Top
BA65P81	AGM	Auto, Light Truck	65	12	800	Post	Top
BA8DP141	AGM	Equipment	8D	12	1450	Post	Top
BAETX14T21	AGM	Motorcycle	ETX14	12	220	n/a	n/a

DUAL PURPOSE BATTERIES

Cables
See Page 6-17



Table 6-6: Dual Purpose Batteries

Part No.	Type of Battery	Group	Volt	CCA	Terminal Type	Location of Terminal
BD24MD53	Dual Purpose, Deep Cycle	24M	12	550	Dual	Top
BD31S71	Dual Purpose, Heavy Duty	31	12	700	Stud	Top

STARTING BATTERIES



Table 6-7: Starting Batteries

Part No.	Type of Battery	Application	Group	Volt	CCA	Terminal Type	Location of Terminal
BT1P61	Starting		1	12	640	Post	Top
BT22FP41	Starting		22F	n/a	425	Post	n/a
BT22NFP31	Starting	Mower/ Tractor	24F	12	345	Post	Top
BT24D81	Starting	Marine	24	12	800	Marine	n/a
BT24FP46	Starting	Marine	24F		440	Post	n/a
BT24FP51	Starting	Marine	24F	12	550	Post	Top
BT24FP61	Starting	Marine	24F	12	675	Post	Top
BT24MP51	Starting	Marine	24F	12	550	Post	Top
BT24MP52	Starting	RV/ Marine	24M	12	500	Post	Top
BT24P41	Starting	Light Truck/ Van	24	12	460	Post	Top
BT24P45	Starting	Light Truck/ Van	24		440	Post	n/a
BT24P51	Starting	Light Truck/ Van	24	12	550	Post	Top
BT24P61	Starting	Light Truck/ Van	24	12	675	Post	Top
BT25P51	Starting		25	12	550	Post	Top
BT26P45	Starting		26		440	Post	n/a
BT26P51	Starting		26	12	540	Post	Top
BT26RP46	Starting		26		440	Post	n/a
BT26RP51	Starting		26R	12	540	Post	Top
BT27FP71	Starting		27F	12	710	Post	Top
BT27FP75	Starting		26R		710	Post	n/a
BT27MP51	Starting	RV/ Marine	27M	12	575	Post	Top
BT27P71	Starting		27	12	710	Post	Top

Part No.	Type of Battery	Application	Group	Volt	CCA	Terminal Type	Location of Terminal
BT27P75	Starting		27		710	Post	n/a
BT27P81	Starting		27	12	840	Post	Top
BT30HP61	Starting		30H	12	650	Post	Top
BT31P111	Starting	Truck	31	12	1125	Post	Top
BT31P61	Starting	Truck	31	12	650	Post	Top
BT31P62	Starting	Truck	31	12	650	Post	Top
BT31P76	Starting	Truck	31		700	Post	n/a
BT31P91	Starting	Truck	31	12	950	Stud	Top
BT31S111	Starting	Truck	31	12	1125	Stud	Top
BT31S61	Starting	Truck	31	12	650	Stud	Top
BT31S62	Starting	Truck	31	12	650	Stud	Top
BT31S72	Starting	Truck	31	12	760	Stud	Top
BT31S76	Starting	Truck	31		700	Stud	n/a
BT31S91	Starting	Truck	31	12	950	Stud	Top
BT34/78P61	Starting		34/78	12	690	Post	Top/ Side
BT34/78P81	Starting		34/78	12	850	Post	Top/ Side
BT34P61	Starting		34	12	690	Post	Top
BT34RP61	Starting		34R	12	690	Post	Top
BT35P51	Starting		35	12	550	Post	Top
BT36RP61	Starting		36R6		650	Post	n/a
BT3ETP51	Starting		3ET	12	500	Post	Top
BT41P61	Starting		41	12	650	Post	Top
BT42/58P51	Starting		42/58	12	500	Post	Top
BT48P71	Starting		48	12	700	Post	Top
BT4DLTP81	Starting		4DLT	12	850	Post	Top
BT4DP101	Starting		4D	12	1050	Post	Top
BT4DP95	Starting		4D		950	Post	n/a
BT4P91	Starting		4	12	975	Post	Top
BT55P51	Starting		55	12	570	Post	Top
BT55P53	Starting		55	12	570	Post	n/a
BT58P46	Starting		58		430	Post	n/a
BT58P51	Starting		58	12	500	Post	Top
BT58P52	Starting		58	12	580	Post	Top
BT64P61	Starting		64	12	620	Post	Top
BT65P81	Starting		65	12	875	Post	Top
BT70P51	Starting		70	12	540	Post	Top

Part No.	Type of Battery	Application	Group	Volt	CCA	Terminal Type	Location of Terminal
BT75/86D55	Starting		75/86		550	Dual	n/a
BT75P61	Starting		75	12	650	Post	Top
BT75P62	Starting		75	12	690	Post	Top
BT78P51	Starting		78	12	550	Post	Top
BT78P61	Starting		78	12	690	Post	Top
BT78P81	Starting		78	12	850	Post	Top
BT8DP111	Starting		8D	12	1100	Post	Top
BT8DP141	Starting		8D	12	1400	Post	Top
BT8DP142	Starting	Transit	8D	12	1400	Post	Side
BT8DP152	Starting	Transit	8D	12	1500	Post	Side
BT8DS141	Starting		8D	12	1400	Post	Side
BT921P01	Starting		921	12	n/a	Post	Top
BT921P02	Starting		921	12	n/a	Post	Top
BTGC2P01	Starting	Golf Cart	GC2	12	n/a	Post	Top
BTN120P91	Starting		N120	12	925	Post	Top
BTU1S21	Starting	Mower/ Tractor	U1	12	275	Stud	Top
BTU1S31	Starting	Lawn & Garden	U1		300	Stud	n/a

DEEP CYCLE

BT27MP61	Deep Cycle		27M	12	650	Post	Top
BT31D61	Deep Cycle	Truck	31	12	650	Dual	Top

STARTING BATTERIES (MEXICO)

Battery Kit
See Page 6-26



Table 6-8: Starting Batteries (Mexico)

Part No.	Group	Volt	CCA	Terminal Type
BT31P75	31	12	760	Post
BT31P95	31	12	925	Post
BT31S75	31	12	760	Stud
BT31S95	31	12	925	Stud



BATTERY CABLES & KITS

POSITIVE, NEGATIVE, BATTERY AND JUMPER CABLES

FEATURES & BENEFITS

- » Patented injection-molded ends
- » Sizes to 4/0 for ground, starter, with pigtail and jumper cables
- » Superior corrosion resistance
- » Easily converted to top or bottom stack configuration
- » Molded ends ensure sealed connection
- » Threaded stud design
- » High-temp air-tight ends in identifying colors
- » Cable sold in bulk/reel quantity



CUSTOM CRIMP BATTERY TERMINAL



FEATURES & BENEFITS

- » Positive or negative 2/0 or 4/0
- » Full array of loom available
- » Maintenance-free cable connections
- » Lifetime warranty

HEAVY DUTY REPAIR KIT



FEATURES & BENEFITS

- » Contains terminals, heat shrink, protectors and splices
- » Allows complete mobility saves storage space

FIELD REPAIR KITS



FEATURES & BENEFITS

- » Contains associated terminals, heat shrink, crimper, protectors, bolts, cable splice, cutters and case
- » Allows for in-field cable repair
- » Portable

Custom make cables for trucks, buses, marine and industrial applications.



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BATTERY CABLES & JUMPER ASSEMBLIES



Accessories
See Page 6-32

ALL-MAKES BATTERY CABLES

- Patented injection molded end for maintenance free cable connections.
- Universal end for crimping custom length cables.



Table 6-9: All-Makes Battery Cables

Part No.	Description	Length
BC2002	2/0 Gauge Cable - Positive-Red	4'
BC2000	2/0 Gauge Cable - Positive-Red	8'
BC2003	2/0 Gauge Cable - Positive-Red	12'
BC2004	2/0 Gauge Cable - Positive-Red	16'
BC2005	4/0 Gauge Cable - Positive-Red	4'
BC2006	4/0 Gauge Cable - Positive-Red	8'
BC2009	4/0 Gauge Cable - Positive-Red	12'
MS2010	4/0 Gauge Cable - Positive-Red	16'
BC2013	2/0 Gauge Cable - Negative-Black	4'
BC2012	2/0 Gauge Cable - Negative-Black	8'
BC2015	2/0 Gauge Cable - Negative-Black	12'
BC2016	2/0 Gauge Cable - Negative-Black	16'
BC2017	4/0 Gauge Cable - Negative-Black	4'
BC2018	4/0 Gauge Cable - Negative-Black	8'
BC2021	4/0 Gauge Cable - Negative-Black	12'
MS2022	4/0 Gauge Cable - Negative-Black	16'
BC3048	2/0 Gauge Cable w/ 45" pigtails - Positive-Red	4'
BC3096	2/0 Gauge Cable w/ 45" pigtails - Positive-Red	8'
BC4048	2/0 Gauge Cable w/ 45" pigtails - Negative-Black	4'
BC4096	2/0 Gauge Cable w/ 45" pigtails - Negative-Black	8'

Note: The stripped cable end is for illustration purposes only. Actual universal cable end will not come pre-stripped.

POSITIVE BATTERY CABLES

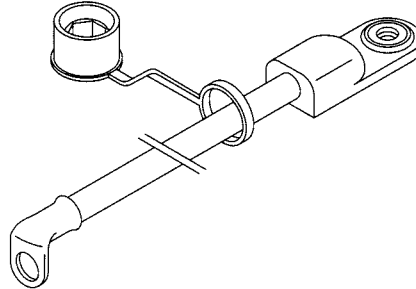


Table 6-10: Positive Battery Cables

TRP	Gauge	Length	End 1 Configuration	End 2 Configuration	End 2 Ring Diameter
BC1250	2/0	55"	Molded End Threaded Stud	90° Ring	1/2"
BC1262	2/0	59"	Molded End Threaded Stud	90° Ring	1/2"
BC1274	2/0	63"	Molded End Threaded Stud	90° Ring	1/2"
BC1286	2/0	67"	Molded End Threaded Stud	90° Ring	1/2"
BC1298	2/0	71"	Molded End Threaded Stud	90° Ring	1/2"
BC1310	2/0	75"	Molded End Threaded Stud	90° Ring	1/2"
BC1322	2/0	79"	Molded End Threaded Stud	90° Ring	1/2"
BC1326	4/0	63"	Molded End Threaded Stud	90° Ring	1/2"
BC1334	2/0	83"	Molded End Threaded Stud	90° Ring	1/2"
BC1338	4/0	67"	Molded End Threaded Stud	90° Ring	1/2"
BC1346	2/0	87"	Molded End Threaded Stud	90° Ring	1/2"
BC1350	4/0	71"	Molded End Threaded Stud	90° Ring	1/2"
BC1358	2/0	91"	Molded End Threaded Stud	90° Ring	1/2"
BC1362	4/0	75"	Molded End Threaded Stud	90° Ring	1/2"
BC1370	2/0	94"	Molded End Threaded Stud	90° Ring	1/2"
BC1374	4/0	79"	Molded End Threaded Stud	90° Ring	1/2"
BC1379	2/0	98"	Molded End Threaded Stud	90° Ring	1/2"
BC1386	4/0	83"	Molded End Threaded Stud	90° Ring	1/2"
BC1394	2/0	102"	Molded End Threaded Stud	90° Ring	1/2"
BC1398	4/0	87"	Molded End Threaded Stud	90° Ring	1/2"
BC1403	2/0	106"	Molded End Threaded Stud	90° Ring	1/2"
BC1410	4/0	91"	Molded End Threaded Stud	90° Ring	1/2"
BC1415	2/0	110"	Molded End Threaded Stud	90° Ring	1/2"
BC1427	2/0	114"	Molded End Threaded Stud	90° Ring	1/2"
BC1439	2/0	118"	Molded End Threaded Stud	90° Ring	1/2"

TRP	Gauge	Length	End 1 Configuration	End 2 Configuration	End 2 Ring Diameter
BC1463	2/O	126"	Molded End Threaded Stud	90° Ring	1/2"
BC1487	2/O	134"	Molded End Threaded Stud	90° Ring	1/2"
BC1491	4/O	118"	Molded End Threaded Stud	90° Ring	1/2"
BC1499	2/O	138"	Molded End Threaded Stud	90° Ring	1/2"
BC1515	4/O	126"	Molded End Threaded Stud	90° Ring	1/2"
BC1539	4/O	134"	Molded End Threaded Stud	90° Ring	1/2"
BC1551	4/O	138"	Molded End Threaded Stud	90° Ring	1/2"
BC1563	4/O	142"	Molded End Threaded Stud	90° Ring	1/2"
BC1575	4/O	146"	Molded End Threaded Stud	90° Ring	1/2"
BC1587	4/O	150"	Molded End Threaded Stud	90° Ring	1/2"
BC1608	4/O	157"	Molded End Threaded Stud	90° Ring	1/2"
BC1620	4/O	161"	Molded End Threaded Stud	90° Ring	1/2"
BC16441	4/O	169"	Molded End Threaded Stud	90° Ring	1/2"
BC1656	4/O	173"	Molded End Threaded Stud	90° Ring	1/2"
BC1680	4/O	181"	Molded End Threaded Stud	90° Ring	1/2"
BC1704	4/O	189"	Molded End Threaded Stud	90° Ring	1/2"
BC1736	4/O	200"	Molded End Threaded Stud	90° Ring	1/2"

NEGATIVE BATTERY CABLES

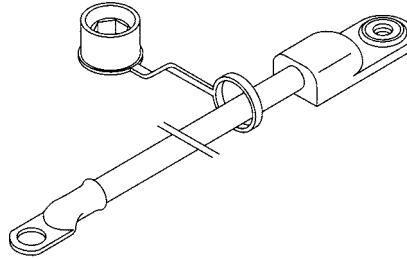


Table 6-11: Negative Battery Cables

Part No.	Cable Gauge	Length	End 1 Configuration	End 2 Configuration	End 2 Ring Diameter
BC1050	2/0	14"	Molded End Threaded Stud	Flat Ring	3/8"
BC1167	2/0	45"	Molded End Threaded Stud	Flat Ring	1/2"
BC1182	2/0	50"	Molded End Threaded Stud	Flat Ring	1/2"
BC1197	2/0	55"	Molded End Threaded Stud	Flat Ring	1/2"
BC1212	2/0	60"	Molded End Threaded Stud	Flat Ring	1/2"
BC1227	2/0	65"	Molded End Threaded Stud	Flat Ring	1/2"
BC1242	4/0	70"	Molded End Threaded Stud	Flat Ring	1/2"
BC1257	2/0	75"	Molded End Threaded Stud	Flat Ring	1/2"
BC12571	4/0	75"	Molded End Threaded Stud	Flat Ring	1/2"
BC1272	4/0	80"	Molded End Threaded Stud	Flat Ring	1/2"
BC1273	2/0	31"	Molded End Threaded Stud	Flat Ring	1/2"
BC1280	2/0	80"	Molded End Threaded Stud	Flat Ring	1/2"
BC1282	2/0	35"	Molded End Threaded Stud	Flat Ring	1/2"
BC1287	2/0	85"	Molded End Threaded Stud	Flat Ring	1/2"
BC12871	4/0	85"	Molded End Threaded Stud	Flat Ring	1/2"
BC1302	4/0	90"	Molded End Threaded Stud	Flat Ring	1/2"
BC1310	2/0	90"	Molded End Threaded Stud	Flat Ring	1/2"
BC1317	4/0	95"	Molded End Threaded Stud	Flat Ring	1/2"
BC1332	2/0	100"	Molded End Threaded Stud	Flat Ring	1/2"
BC1362	2/0	110"	Molded End Threaded Stud	Flat Ring	1/2"
BC13623	4/0	110"	Molded End Threaded Stud	Flat Ring	1/2"
BC1392	2/0	120"	Molded End Threaded Stud	Flat Ring	1/2"
BC13921	4/0	120"	Molded End Threaded Stud	Flat Ring	1/2"
BC1422	2/0	130"	Molded End Threaded Stud	Flat Ring	1/2"
BC1452	4/0	140"	Molded End Threaded Stud	Flat Ring	1/2"
BC1482	2/0	150"	Molded End Threaded Stud	Flat Ring	1/2"

Part No.	Cable Gauge	Length	End 1 Configuration	End 2 Configuration	End 2 Ring Diameter
BC1512	2/0	160"	Molded End Threaded Stud	Flat Ring	1/2"
BC1602	2/0	190"	Molded End Threaded Stud	Flat Ring	1/2"
BC1611	4/0	126"	Molded End Threaded Stud	Flat Ring	1/2"
BC1632	4/0	200"	Molded End Threaded Stud	Flat Ring	1/2"
BC1636	4/0	220"	Molded End Threaded Stud	Flat Ring	1/2"
BC1636	4/0	220"	Molded End Threaded Stud	Flat Ring	1/2"
BC1727	2/0	25"	Molded End Threaded Stud	Flat Ring	3/8"
MS1242	2/0	70"	Molded End Threaded Stud	Flat Ring	1/2"
MS1422	4/0	130"	Molded End Threaded Stud	Flat Ring	1/2"
MS1452	2/0	140"	Molded End Threaded Stud	Flat Ring	1/2"
MS1482	4/0	150"	Molded End Threaded Stud	Flat Ring	1/2"
MS15121	4/0	160"	Molded End Threaded Stud	Flat Ring	1/2"
MS1542	4/0	170"	Molded End Threaded Stud	Flat Ring	1/2"
MS1572	4/0	180"	Molded End Threaded Stud	Flat Ring	1/2"
MS1602	4/0	190"	Molded End Threaded Stud	Flat Ring	1/2"

BULK BATTERY CABLE

- SGT: Cable is Thermoplastic insulated (PVC upper temp rating: 220° F/104° C).
- SGX: Cable is cross-linked (X) polyethylene insulated; same insulation thickness as SGT (PVC upper temp rating: 227° F/ 108° C).



Table 6-12: Bulk Battery Cable

Part No.	Description	Gauge	Color
BC1004	Bulk Battery Cable - 250'	1/0 SGT	Black
BC1030	Bulk Battery Cable - 250'	4/0 SGT	Black
BC1200	Bulk Battery Cable - 25'	2/0 SGT	Black
BC1203	Bulk Battery Cable - 25'	4/0 SGT	Black
BC1205	Bulk Battery Cable - 25'	3/0 SGT	Black
BC1206	Bulk Battery Cable - 25'	1/0 SGT	Black
BC1207	Bulk Battery Cable - 250'	3/0 SGT	Black
BC1501	Bulk Battery Cable - 500'	1/0 SGX Flexstrand	Black
BC1507	Bulk Battery Cable - 500'	1/0 SGX Flexstrand	Red

BATTERY JUMPER ASSEMBLIES



Table 6-13: Battery Jumper Assemblies

Part No.	Gauge	Length	Polarity	Ends 1 & 2 Configuration	Pigtail		
					Gauge	Length	End
BC1044	1/0	8"	Positive	Molded End Threaded Stud	n/a	n/a	n/a
BC1052	1/0	8"	Negative	Molded End Threaded Stud	n/a	n/a	n/a
BC1062	1/0	14"	Positive	Molded End Threaded Stud	n/a	n/a	n/a
BC1070	4/0	7"	Negative	Molded End Threaded Stud	n/a	n/a	n/a
BC1114	2/0	7"	Positive	Molded End Threaded Stud	n/a	n/a	n/a
BC1118	2/0	7"	Positive	Molded End Threaded Stud	6"	12"	Snap-On
BC1190	4/0	7"	Positive	Molded End Threaded Stud	n/a	n/a	n/a
BC1202	2/0	6"	Negative	Molded End Threaded Stud	6"	12"	Snap-On
BC1206	2/0	7"	Negative	Molded End Threaded Stud	n/a	n/a	n/a
BC2858	1/0	8"	Negative	Molded End Threaded Stud	8"	24"	Snap-On
MS1040	1/0	8"	Positive	Molded End Threaded Stud	4"	45"	1/4" Ring
MS1070	1/0	14"	Negative	Molded End Threaded Stud	n/a	n/a	n/a

BATTERY KITS

HEAVY-DUTY REPAIR KIT

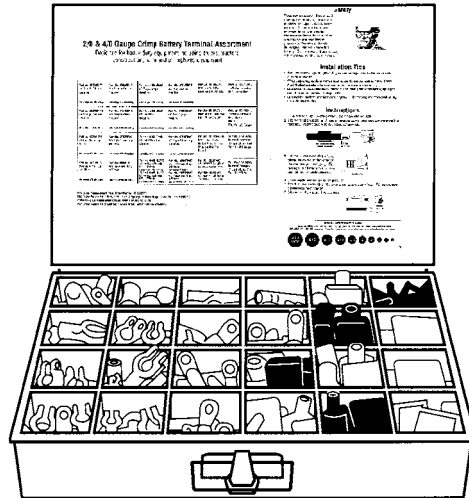


Table 6-14: Heavy-Duty Repair Kit

Part No.	Description	Qty.
MS1501	Heavy Duty Repair Kit with Crimping Tools (See Crimping Tools)	1

HEAVY-DUTY REPAIR KIT CONTENTS

Table 6-15: Heavy-Duty Repair Kit Contents

Part No.	Description	Qty. Item Per Kit	Qty. Ordered Separately
BC1601	Splice - 2/0 Battery Cable	5	5
BC1604	Splice - 4/0 Battery Cable	5	5
MS1506	Stripper - Cable	1	1
MS1509	Crimper - HexCrimp	1	1
MS1515	Cutter - 9"	1	1
MS1524	Case - Steel Carrying - Fleet Kit 1	1	1
MS1551	Heat Shrink - Black	8	10
MS1554	Heat Shrink - Red	8	10
MS1557	Protector - Clamp Black	2	5

Part No.	Description	Qty. Item Per Kit	Qty. Ordered Separately
MS1561	Protector - Clamp Red	2	5
MS1564	Protector - Starter Red	2	5
MS1567	Protector - Starter Black	2	5
TM1527	Terminal - 2/0 Negative Straight Clamp	2	5
TM1530	Terminal - 2/0 Positive Straight Clamp	2	5
TM1533	Terminal - 4/0 Negative Straight Clamp	2	5
TM1536	Terminal - 4/0 Positive Straight Clamp	2	5
TM1569	Bolt - Battery Terminal	1	10
TM1572	Terminal - Lug 2/0 3/8"	2	5
TM1575	Terminal - Lug 2/0 1/2"	2	5
TM1581	Terminal - Lug 4/0 3/8"	2	5
TM1583	Terminal - Lug 4/0 1/2"	2	5
TM1589	Terminal - 2/0 Starter Left Elbow	2	5
TM1592	Terminal - 4/0 Starter Left Elbow	2	5
TM1595	Terminal - 2/0 Starter Right Elbow	2	5
TM1598	Terminal - 4/0 Starter Right Elbow	2	5

FIELD REPAIR KIT



Table 6-16: Battery Kit

Part No.	Description	Qty.
MS1503	Field Kit with Crimping Tools (See Crimping Tools)	1

FIELD REPAIR KIT CONTENTS

Table 6-17: Battery Kit Contents

Part No.	Description	Qty. Item Per Kit	Qty. Ordered Separately
BC1601	Splice - 2/0 Battery Cable	5	5
BC1604	Splice - 4/0 Battery Cable	5	5
MS1506	Stripper - Cable	1	1
MS1509	Crimper - HexCrimp	1	1
MS1515	Cutter - 9"	1	1
MS1524	Case - Steel Carrying - Fleet Kit	1	1
MS1551	Heat Shrink - Black	8	10
MS1554	Heat Shrink - Red	8	10
MS1557	Protector - Clamp Black	2	5

Part No.	Description	Qty. Item Per Kit	Qty. Ordered Separately
MS1561	Protector - Clamp Red	2	5
MS1564	Protector - Starter Red	2	5
MS1567	Protector - Starter Black	2	5
TM1527	Terminal - 2/0 Negative Straight Clamp	2	5
TM1530	Terminal - 2/0 Positive Straight Clamp	2	5
TM1533	Terminal - 4/0 Negative Straight Clamp	2	5
TM1536	Terminal - 4/0 Positive Straight Clamp	2	5
TM1569	Bolt - Battery Terminal	10	10
TM1572	Terminal - Lug 2/0 3/8"	2	5
TM1575	Terminal - Lug 2/0 1/2"	2	5
TM1581	Terminal - Lug 4/0 3/8"	2	5
TM1583	Terminal - Lug 4/0 1/2"	2	5
TM1589	Terminal - 2/0 Starter Left Elbow	2	5
TM1592	Terminal - 4/0 Starter Left Elbow	2	5
TM1595	Terminal - 2/0 Starter Right Elbow	2	5
TM1598	Terminal - 4/0 Starter Right Elbow	2	5

CRIMPING TOOLS



MS1506



MS1509



MS1515

Table 6-18: Battery Tools

Part No.	Description
MS1506	Stripper
MS1509	Crimper - HexCrimp
MS1515	Cutter

BATTERY TERMINALS

STRAIGHT RING TERMINALS



Table 6-19: Battery Terminals - Straight Ring Terminals

Part No.	Description	Gauge	Ring Terminal Diameter	Pack Qty.
TM1623	Straight Ring Terminal, 1/0, 1/4" Diameter	1/0	1/4"	5
TM1626	Straight Ring Terminal, 1/0, 3/8" Diameter	1/0	3/8"	5
TM1629	Straight Ring Terminal, 1/0, 1/2" Diameter	1/0	1/2"	5
TM1632	Straight Ring Terminal, 2/0, 1/4" Diameter	2/0	1/4"	5
TM1575	Straight Ring Terminal, 2/0, 1/2" Diameter	2/0	1/2"	5
TM1579	Straight Ring Terminal, 3/0, 1/4" Diameter	3/0	1/4"	1
TM1580	Straight Ring Terminal, 3/0, 3/8" Diameter	3/0	3/8"	1
TM1584	Straight Ring Terminal, 3/0, 1/2" Diameter	3/0	1/2"	1
TM1635	Straight Ring Terminal, 4/0, 1/4" Diameter	4/0	1/4"	5
TM1581	Straight Ring Terminal, 4/0, 3/8" Diameter	4/0	3/8"	5
TM1583	Straight Ring Terminal, 4/0, 1/2" Diameter	4/0	1/2"	5

90° RING TERMINALS



Table 6-20: Battery Terminals - 90° Ring Terminals

Part No.	Description	Gauge	Ring Terminal Diameter	Pack Qty.
TM1638	90° Ring Terminal, 2/0, 3/8" Diameter	2/0	3/8"	5
TM1578	90° Ring Terminal, 2/0, 1/2" Diameter	2/0	1/2"	5
TM1582	90° Ring Terminal, 3/0, 3/8" Diameter	3/0	3/8"	5
TM1585	90° Ring Terminal, 3/0, 1/2" Diameter	3/0	1/2"	5
TM1641	90° Ring Terminal, 4/0, 3/8" Diameter	4/0	3/8"	5
TM1586	90° Ring Terminal, 4/0, 1/2" Diameter	4/0	1/2"	5

ELBOW RING TERMINALS



Table 6-21: Battery Cable Elbow Ring Terminals

Part No.	Description	Ring Dia.	Terminal Flag Orientation	Pack Qty.
TM1595	Elbow Ring Terminal - 3/8" Diameter - Right Terminal Flag Orientation	3/8"	Right	5
TM1589	Elbow Ring Terminal - 3/8" Diameter - Left Terminal Flag Orientation	3/8"	Left	5
TM1591	Elbow Ring Terminal - 1/2" Diameter - Right Terminal Flag Orientation	1/2"	Right	5
MS1587	Elbow Ring Terminal - 1/2" Diameter - Left Terminal Flag Orientation	1/2"	Left	5
TM1596	Elbow Ring Terminal - 3/8" Diameter - Right Terminal Flag Orientation	3/8"	Right	1
TM1590	Elbow Ring Terminal - 3/8" Diameter - Left Terminal Flag Orientation	3/8"	Left	1
TM1599	Elbow Ring Terminal - 1/2" Diameter - Right Terminal Flag Orientation	1/2"	Right	5
TM1588	Elbow Ring Terminal - 1/2" Diameter - Left Terminal Flag Orientation	1/2"	Left	1
TM1598	Elbow Ring Terminal - 3/8" Diameter - Right Terminal Flag Orientation	3/8"	Right	5
TM1592	Elbow Ring Terminal - 3/8" Diameter - Left Terminal Flag Orientation	3/8"	Left	5
TM1600	Elbow Ring Terminal - 1/2" Diameter - Right Terminal Flag Orientation	1/2"	Right	1
TM1593	Elbow Ring Terminal - 1/2" Diameter - Left Terminal Flag Orientation	1/2"	Left	5

CABLE SPLICES



Table 6-22: Battery Cable Splices

Part No.	Description	Gauge	Pack Qty.
BC1644	Cable Splice - 1/0	1/0	5
BC1601	Cable Splice - 2/0	2/0	5
BC1602	Cable Splice - 3/0	3/0	1
BC1604	Cable Splice - 4/0	4/0	5

TAPERED POST CONNECTORS

STRAIGHT CLAMPS



Table 6-23: Tapered Post Connectors - Straight Clamps

Part No.	Description	Gauge	Color	Pack Qty.
TM1530	Straight Clamp, 2/0, Positive Polarity	2/0	Red	5
TM1527	Straight Clamp, 2/0, Negative Polarity	2/0	Black	5
TM1532	Straight Clamp, 3/0, Positive Polarity	3/0	Red	1
TM1531	Straight Clamp, 3/0, Negative Polarity	3/0	Black	1
TM1536	Straight Clamp, 4/0, Positive Polarity	4/0	Red	5
TM1533	Straight Clamp, 4/0, Negative Polarity	4/0	Black	5

ELBOW CLAMPS



Table 6-24: Tapered Post Connectors - Elbow Clamps

Part Number	Description	Gauge	Color	Orientation	Pack Qty.
TM1650	Elbow Clamp, 2/0, Positive, Right Orientation	2/0	Red	Right	5
TM1647	Elbow Clamp, 2/0, Negative, Right Orientation	2/0	Black	Right	5
TM1656	Elbow Clamp, 2/0, Positive, Left Orientation	2/0	Red	Left	5
TM1653	Elbow Clamp, 2/0, Negative, Left Orientation	2/0	Black	Left	5
TM1662	Elbow Clamp, 4/0, Negative, Right Orientation	4/0	Black	Right	5

FLAG CLAMPS



Table 6-25: Tapered Post Connectors - Flag Clamps

Part No.	Description	Gauge	Color	Pack Qty.
TM1539	Flag Clamp, 2/0, Positive	2/0	Red	5
TM1542	Flag Clamp, 2/0, Negative	2/0	Black	5
TM1545	Flag Clamp, 4/0, Positive	3/0	Red	5
TM1548	Flag Clamp, 4/0, Negative	3/0	Black	5

STRAIGHT CLAMPS (UNIVERSAL COMPRESSION)




Table 6-26: Tapered Post Connectors - Straight Clamps (Universal Compression)

Part No.	Description	Gauge	Application	Pack Qty.
TM1696	Straight Clamp Universal Compression, 2/0	2/0	Universal	5
TM1699	Straight Clamp Universal Compression, 4/0	3/0	Universal	5

BATTERY END PROTECTORS, TUBING & ACCESSORIES

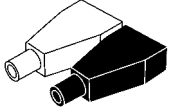
BATTERY CABLE NUT CAPS

Table 6-27: Battery End Protectors, Tubing & Accessories - Battery Cable Nut Caps

	Part No.	Description	Gauge	Polarity	Color	Pack Qty.
	BC6924	Battery Cable Nut Cap, 1/0 - 4/0, Positive, Red	1/0 - 4/0	Positive	Red	1
BC6911	Battery Cable Nut Cap, 1/0 - 4/0, Negative, Black	1/0 - 4/0	Negative	Black	1	

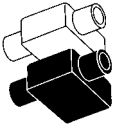
STRAIGHT CLAMP PROTECTORS

Table 6-28: Battery End Protectors, Tubing & Accessories - Straight Clamp Protectors

	Part No.	Description	Gauge	Color	Pack Qty.
	MS1561	Straight Clamp Protector, 1/0 - 2/0, Red	1/0 - 2/0	Red	5
MS1557	Straight Clamp Protector, 1/0 - 2/0, Black	1/0 - 2/0	Black	5	

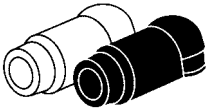
FLAG CLAMP PROTECTORS

Table 6-29: Battery End Protectors, Tubing & Accessories - Flag Clamp Protectors

	Part No.	Description	Gauge	Color	Pack Qty.
	MS1685	Flag Clamp Protector, 1/0 - 2/0, Red	1/0 - 2/0	Red	25
MS1683	Flag Clamp Protector, 1/0 - 2/0, Black	1/0 - 2/0	Black	25	

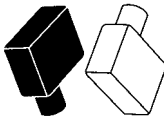
HEAVY DUTY STARTER PROTECTORS

Table 6-30: Battery End Protectors, Tubing & Accessories - Heavy Duty Clamp Protectors

	Part No.	Description	Gauge	Color	Pack Qty.
	MS1564	Heavy Duty Starter Protector, 1/0 - 2/0, Red	1/0 - 2/0	Red	5
MS1567	Heavy Duty Starter Protector, 1/0 - 2/0, Black	1/0 - 2/0	Black	5	

ELBOW CLAMPS PROTECTORS


Table 6-31: Battery End Protectors, Tubing & Accessories - Elbow Clamp Protectors



Part No.	Gauge	Color	Orientation	Pack Qty.
MS1680	1/0 – 2/0	Red	Right	5
MS1674	1/0 – 2/0	Red	Left	5
MS1677	1/0 – 2/0	Black	Right	5
MS1671	1/0 – 2/0	Black	Left	5

BATTERY CABLE CLAMPS - HEAT SHRINK


Table 6-32: Battery End Protectors, Tubing & Accessories - Cable Clamp Heat Shrink



Part No.	Description	Gauge	Color	Pack Qty.
MS1554	Battery Cable End - Heat Shrink, 1/0 - 4/0, Red	1/0 – 4/0	Red	10
MS1551	Battery Cable End - Heat Shrink, 1/0 - 4/0, Black	1/0 – 4/0	Black	10

SPLIT LOOM (CONVOLUTED TUBING)

Table 6-33: Battery End Protectors, Tubing & Accessories - Split Loom (Convolute Tubing)



Part No.	Description	Inside Diam.	Package	Length
MS1519	Split Loom, 1/4" Inside Diameter, EZ-pull box, 100'	1/4"	EZ-pull box	100'
MS1522	Split Loom, 3/8" Inside Diameter, EZ-pull box, 100'	3/8"	EZ-pull box	100'
MS1525	Split Loom, 1/2" Inside Diameter, EZ-pull box, 100'	1/2"	EZ-pull box	100'
MS1528	Split Loom, 5/8" Inside Diameter, EZ-pull box, 100'	5/8"	EZ-pull box	100'
MS1531	Split Loom, 3/4" Inside Diameter, EZ-pull box, 100'	3/4"	EZ-pull box	100'
MS1534	Split Loom, 1" Inside Diameter, EZ-pull box, 50'	1"	EZ-pull box	50'
MS1338	Split Loom, 1-1/4" Inside Diameter, Bulk, 250'	1-1/4"	Bulk	250'

NOTES

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

CHARGE & START

NOTES

A large grid area for taking notes, consisting of approximately 30 columns and 40 rows of small squares.

CHARGE & START



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