



MCRAE'S

AUTO ELECTRIC LTD

www.mcraesautoelectric.com

SUPPLY · SOLVE · SUPPORT



2026

PRODUCT GUIDE

FOR MINING & HEAVY-DUTY APPLICATIONS

Proudly Canadian Owned and Operated



MCRAE'S
AUTO ELECTRIC LTD

www.mcraesautoelectric.com

ENERGIZING YOUR MOBILE FLEET

WHO WE ARE

At McRae's Auto Electric, we supply and service reliable electrical solutions for **automotive, heavy equipment, and industrial applications**. From batteries and rotating electrical components to lighting, solar, and custom-built systems, we focus on **quality products** that perform when it matters most. Proudly Canadian Owned and Operated, we support both everyday drivers and demanding worksites with **dependable power solutions**.



HEAVY-DUTY



INDUSTRIAL



AUTOMOTIVE

sales@mcraesautoelectric.com

TABLE OF CONTENTS

Explore our full range of industrial and automotive solutions.

LIGHTING

- ▶ Vision-X Lighting 4
- ▶ Buggy Whip Lights 24

CHARGING & BOOSTING

- ▶ Projecta Jumpstarters 16
- ▶ M.A.E. Industrial 19
- ▶ Associated 20
- ▶ Quick Charge 21
- ▶ Victron Energy & Alternative Track 22

BATTERY CABLES & ACCESSORIES

- ▶ Cables 28
- ▶ Wire & Cable 29
- ▶ Accessories 29

POWER & ELECTRICAL

- ▶ SkelStart Supercapacitor 24
- ▶ Batteries 30
- ▶ Starters & Alternators 31

TOOLING

- ▶ RAD Torque Systems 32
- ▶ Tool Rentals 39

Contact us for pricing, availability, and custom solutions.

LIGHTING



Vision X Lighting is built for extreme conditions where visibility matters most. Trusted across mining, industrial, and emergency applications, these lights deliver powerful, reliable performance when you can't afford failure. From heavy equipment to on-road vehicles, Vision X keeps you working safely in any environment.

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TREMOR SERIES



THB0303A.2HZ
Drift Strobe



THB060525KOM
Komatsu Headlight Upgrade



THB060825
Mining Class Work Light

FEATURES

- Ridiculous Reliability
- X-Drive LEDs
- TIR Optics
- Max Luminous Efficacy
- Oversized Heat Sync Thermal MGMT
- IronPoint™ Anti-Vibration Mounting System

Part Number	Description	# Of LED's	Raw Lumens	Beam Type	AMP Draw @12V	Watts
THB0303A.2HZ	Tremor 3 LED Drift Strobe	3	831	Spot Flashing	.75	9
THB060325	Tremor 3 LED Mining Class Work Light	3	2,482	Spot (S), Flood (F), Anti-Glare (AG)	1.5	18
THB060525KOM	Tremor 5 LED Komatsu Headlight Upgrade	5	4,698	Spot (S), Anti-Glare (AG)	2.5	30
THB060525	Tremor 5 LED Mining Class Work Light	5	4,698	Spot (S), Flood (F), Anti-Glare (AG)	2.5	30
THB060525SY	Tremor 5 LED Mining Class Work Light – Selective Yellow	5	4,698	Spot (S), Flood (F), Anti-Glare (AG)	2.5	30
THB060825	Tremor 8 LED Mining Class Work Light	8	7,517	Spot (S), Flood (F), Anti-Glare (AG)	4	48



For pricing, availability, or custom solutions, contact our team



PROSPECTOR & BHB SERIES LED

PROSPECTOR 5,9,12 LED WORK LIGHTS



FEATURES

- High-Output 7W LEDs
- Available in 5, 9 and 12 LED configurations
- Color Coded Backplates to Identify Beam Pattern
- Spot (Blue) or Flood (Yellow) Beam Options

Part Number	Beam Pattern	Backplate Color	Input Volts	Watts	AMP Draw
POB070510	40° Flood	Yellow	9-32V DC	84W	2.92A@12v
POB070540	10° Spot	Blue	9-32V DC	84W	2.92A@12v
POB070910	40° Flood	Yellow	9-32V DC	63W	5.25A@12v
POB070940	10° Spot	Blue	9-32V DC	63W	5.25A@12v
POB071210	40° Flood	Yellow	9-32V DC	35W	7.0A@12v
POB071240	10° Spot	Blue	9-32V DC	35W	7.0A@12v

BHB 7 ANTI-GLARE LED

FEATURES & BENEFITS

- Anti-Glare Optics to Reduce Blindness for Oncoming Vehicles
- 49W Light Designed to Match Manufacturer's Electrical Output
- Komatsu Specific Headlight Mounting Bracket
- Selective Yellow Option for Increased Visibility in Dusty Conditions



Part Number	Description	# Of LED's	Raw Lumens	Effective Lumens	Input Volts	Watts
BHB0707AG	Anti-Glare Clear Lens	7	5,600 lm	2,127 lm	12V	49W
BHB0707AGSY	Anti-Glare Selective Yellow	7	5,600 lm	2,127 lm	12V	49W
BHB0707AGKOM	Anti-Glare W/ Komatsu Headlight Bracket	7	5,600 lm	2,127 lm	12V	49W
BHB0707AGSYKOM	Anti-Glare Selective Yellow W/ Komatsu Headlight Bracket	7	5,600 lm	2,127 lm	12V	49W

For pricing, availability, or custom solutions, contact our team

DURALUX SERIES



DURA2-WL260



DURA2-WL460



DURA2-WL660



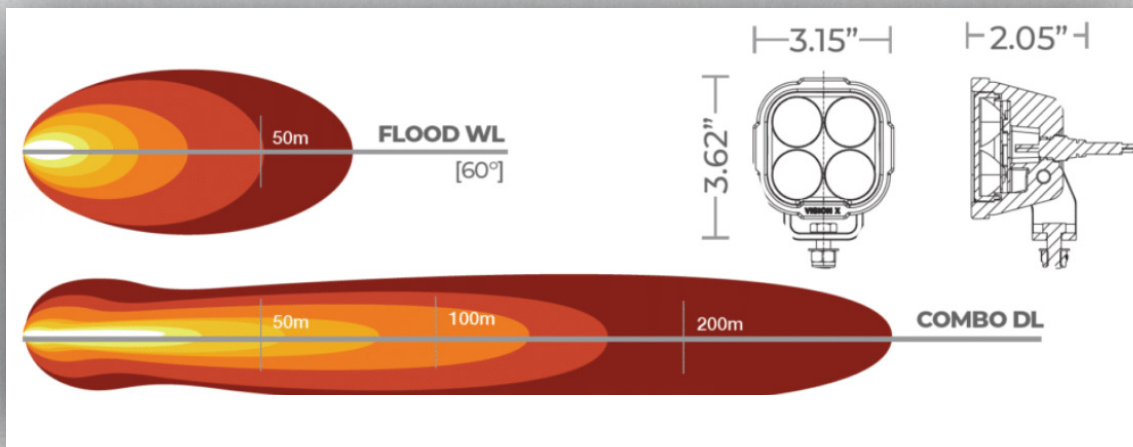
DURA2-WL960

FEATURES

- GEN 2 Design | New 2-LED Profile
- X-Drive LEDs 1,800 Lumens Per Pod
- Oversized TIR Optics | Perfected Elliptical Flood Beam
- Overbuilt Not Overpriced
- Patented DrySeal™ Construction

Part Number	Description	# Of LED's	Raw Lumens	AMP Draw @12V	Watts
DURA2-WL260	DURA GEN2 2-LED Work Light, Wide Flood Beam	2	1800	1.3	16
DURA2-WL460	DURA GEN2 4-LED Work Light, Wide Flood Beam	4	3600	2.67	32
DURA2-WL660	DURA GEN2 6-LED Work Light, Wide Flood Beam	6	5400	4	48
DURA2-WL960	DURA GEN2 9-LED Work Light, Wide Flood Beam	9	8100	6	72

Duralux Gen II 4 LED beam patterns & line drawing



For pricing, availability, or custom solutions, contact our team



DURALUX SERIES

DURALUX MINI



Part Number	Beam	# Of Lights	Raw Lumens	Effective Lumens	Input Volts (DC)	AMP Draw	Watts
DURA-M460	60°	1	2,000	950	11-65V	1.0	12
DURA-M460KIT	60°	2	4,000	1,900	11-65V	2.0	24
DURA-M4M	10°/25°	1	2,115	1,480	11-65V	1.66	20
DURA-M4MKIT	10°/25°	2	4,230	2,960	11-65V	3.33	40

DURALUX 4 LED



Part Number	Beam	# Of Lights	Raw Lumens	Effective Lumens	Input Volts	AMP Draw	Watts
DURA-410	10°	1	2,112	1,480	11-65V	1.6	20
DURA-410KIT	10°	2	4,224	2,960	11-65V	3.3	40
DURA-440	40°	1	2,112	1,480	11-65V	1.6	20
DURA-460	60°	1	2,112	1,480	11-65V	1.6	20

DURALUX 6 LED



Part Number	Beam	# Of Lights	Raw Lumens	Effective Lumens	Input Volts	AMP Draw	Watts
DURA-610	10°	1	3,168	2,220	11-65V	2.5	30
DURA-610KIT	10°	2	6,336	4,440	11-65V	5.0	60
DURA-640	40°	1	3,168	2,220	11-65V	2.5	30
DURA-660	60°	1	3,168	2,220	11-65V	2.5	30

For pricing, availability, or custom solutions, contact our team

LED BEACON LIGHTS



FEATURES

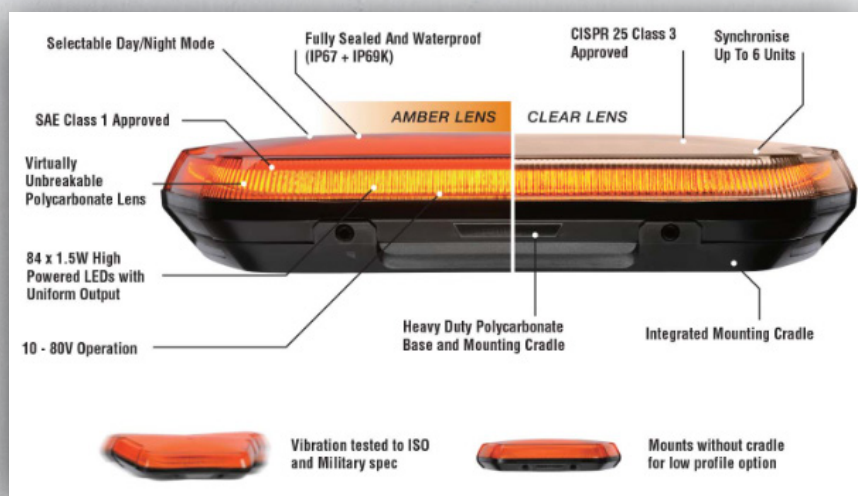
- 3X Brighter than SAE minimum
- The unique shape reduces drag by up to 60% which results in less high speed wind noise.
- Allows more reflector space than the same sized round strobe, resulting in a wider illumination area.
- Alternating or synchronized operations of up to 5 strobe units
- Virtually unbreakable polycarbonate lens & base

Part Number	LED	Mounting	Size	Input Volts	Watts
AERO-85600A	9x5W	Flange	Single	10-33V	45W
AERO-85606A	18x5W	Flange	Double	10-33V	90W
AERO-85612A	36x1W	Flange	Quad	10-33V	36W
AERO-85601A	9x5W	Single Bolt	Single	10-33V	45W
AERO-85607A	18x5W	Single Bolt	Double	10-33V	90W
AERO-85613A	36x1W	Single Bolt	Quad	10-33V	36W
AERO-85602A	9x5W	Fixed DIN	Single	10-33V	45W
AERO-85608A	18x5W	Fixed DIN	Double	10-33V	90W
AERO-85614A	36x1W	Fixed DIN	Quad	10-33V	36W
AERO-85603A	9x5W	Flex DIN	Single	10-33V	45W
AERO-85609A	18x5W	Flex DIN	Double	10-33V	90W
AERO-85615A	36x1W	Flex DIN	Quad	10-33V	36W
AERO-85604A	9x5W	Magnetic	Single	10-33V	45W
AERO-85610A	18x5W	Magnetic	Double	10-33V	90W
AERO-85616A	36x1W	Magnetic	Quad	10-33V	36W

For pricing, availability, or custom solutions, contact our team



LED MINI BAR



FEATURES

- Vision X's most visible primary warning lights
- Ultra bright, smooth output which meets and exceeds all international standards
- Ultra durable with extreme vibration resistance
- Versatile, easy mounting
- Available in a range of sizes and colors to suit just about any application

Part Number	LED	Mounting	Lens Colour	Input Volts	Watts
AERO-85015A	54x1.5W	Cradle	Amber	10-80V	81W
AERO-85015AC	54x1.5W	Cradle	Clear	10-80V	81W
AERO-85015AG	54x1.5W	Cradle	Amber / Green	10-80V	81W
AERO-85016A	54x1.5W	Magnetic	Amber	10-80V	81W
AERO-85016AC	54x1.5W	Magnetic	Clear	10-80V	81W
AERO-85016AG	54x1.5W	Magnetic	Amber / Green	10-80V	81W
AERO-85017A	84x1.5W	Cradle	Amber	10-80V	126W
AERO-85017AC	84x1.5W	Cradle	Clear	10-80V	126W
AERO-85019A	168x1.5W	Cradle	Amber	10-80V	252W
AERO-85019AC	168x1.5W	Cradle	Clear	10-80V	252W

For pricing, availability, or custom solutions, contact our team

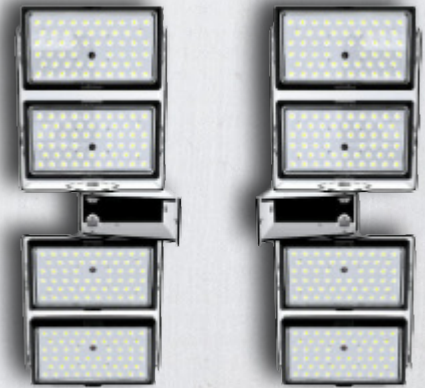
ALLMAND LIGHT TOWER P-SERIES

OEM REPLACEMENT KIT

Part # - MIL-LPALMVSP0256X8

FEATURES

- Direct Bolt-On Factory Replacement
- 130,000+ Lumen Output
- Easy Angle Alignment System



TOWER LIGHT KIT INCLUDES:

Part Number	Description	Quantity
VSP025660PS	LED P-Series Tower Light, 56 2-Watt LEDs, 60°, Black Coating with Power Supply	8
ABKOELPALMV2NLADBK	Light Plant Upgraded Mounting Arm	2
ABKACPMXDBLTNLADBK	Dual Trunnion Black Powder Coated for VSP025660PS	4

3.4" UTILITY FLOOD SERIES

FEATURES

- Lowest Power Consumption at only .5A
- Used to Flood Any Area
- 32 Wide Angle LEDs



Part Number	Colour	Raw Lumens	Effective Lumens	Input Volts	AMP Draw	Watts
XIL-UF32	White	500	456	12-32V	0.5	6
XIL-UF32A	Amber	500	456	12-32V	0.5	6
XIL-UF32B	Blue	500	456	12-32V	0.5	6
XIL-UF32G	Green	500	456	12-32V	0.5	6
XIL-UF32R	Red	500	456	12-32V	0.5	6

For pricing, availability, or custom solutions, contact our team



UNITE MODULAR LED LIGHT BAR



FEATURES

- Fully modular design
- White or Amber LEDs
- Multiple beam patterns
- Straight & curved rails
- Quick connection system
- Built for harsh environments

BUILT FOR YOUR APPLICATION

The Unite Modular LED Light Bar system puts you in control. Mix and match beam patterns, LED colours, and rail lengths to create the ideal lighting solution for mining, industrial, fleet, off-road and service vehicles. Designed around a quick-connector modular rail system, Unite allows you to build a light bar that fits your exact needs.

BUILD YOUR PERFECT LIGHT BAR

STEP 1 CHOOSE YOUR RAIL

STRAIGHT RAILS



CURVED RAILS



STEP 2 CHOOSE LED COLOR



WHITE LED
2,112 Raw Lumens
(per module)



AMBER LED
510 Raw Lumens
(per module)

STEP 3 CHOOSE BEAM PATTERN



SPOT BEAM
Long distance illumination.



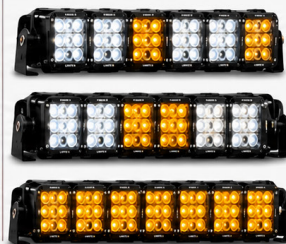
FLOOD BEAM
Wide area illumination.



ELLIPTICAL BEAM
Wide coverage with extended distance.

STEP 4 BUILD YOUR CUSTOM CONFIGURATION

Mix beam patterns and LED colors to create a light bar tailored to your application.



Available in 6" to 50" configurations.

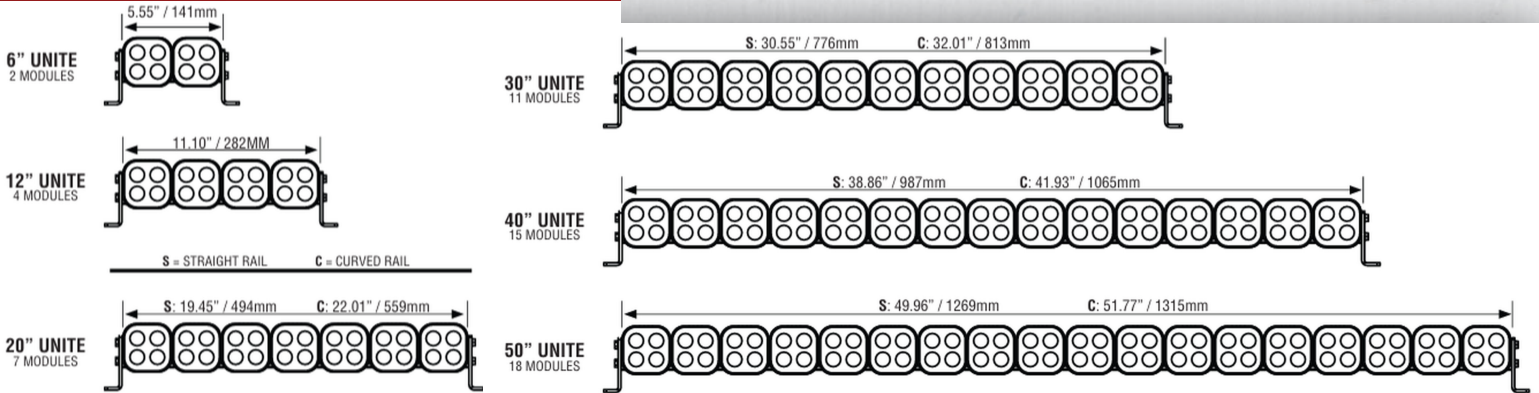
Custom rail, beam pattern, and LED colour combinations available.

For pricing, availability, or custom solutions, contact our team

UNITE MODULAR LED LIGHT BAR



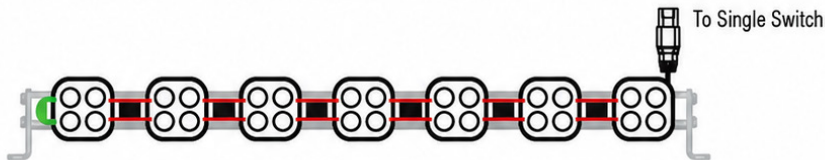
UNITE 2-D FRONT VIEW



UNITE POWER CIRCUIT DIAGRAM

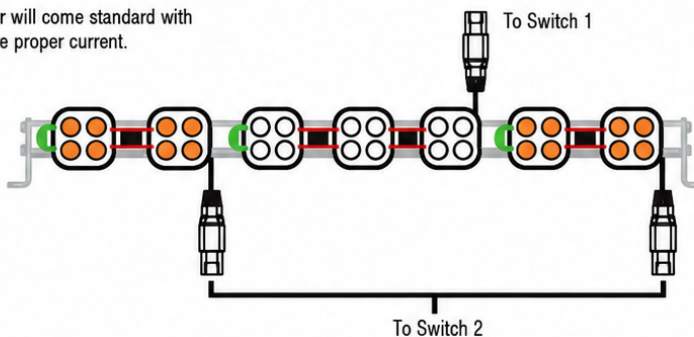
The Unite Series LED Light Bar Systems wiring can be set-up in a variety of ways utilizing the different power accessories. As a standard, with each light rail (straight & curved) there is enough components to set up the pods using a single circuit (all on or all off). Since the modules has the ability to be powered individually, you may also set up your Unite Bar to run multiple circuits with the help of additional power accessories. Some examples of this is utilizing amber flood modules on the outside while having white spot modules in the center.

Standard 1 Circuit Set-up (Included With Mounting Rail)



NOTE: For 30", 40" and 50" the Unite Bar will come standard with a power connector on both sides to ensure proper current.

Custom 2 Circuit Set-up (Requires Additional Power Accessories)



Power Plug/Cap

Protective cap that inserts into the power pin socket located on either side of a module.



"H" Bridge Connector

Contains pins that transfers power from one module to the next and can be inserted on either side of a module.



Low Amp Power Connector

Power connector that has a 2pin Deutsch connector on one end and a 2pin insert on the other to attached to the module.



High Amp Power Connector

Power connector that has a 2pin High Amp Deutsch connector on one end and a 2pin insert on the other to attached to the module.

For pricing, availability, or custom solutions, contact our team



AC FLOOD SERIES

ROPE SHOVEL EXTERIOR LIGHTING



AC FLOOD 280W

PART # - LSG0660XXHV

FEATURES

- 1,000-Watt Metal Halide
- 36,000 Lumens
- 280-Watt
- 15.6 Grms Vibration Rating
- Amp Draw: 2.55A @ 110V
- 90-305V AC | HV 249-528V AC (Add HV for High Voltage)
- IP68 / IP69K, CISPR 25
- Beam Pattern: Spot 25°, Flood 60°
(Replace XX with beam number)



AC FLOOD 280W

PART # - LSG0660180HV

FEATURES

- 1,000-Watt Metal Halide
- 36,000 Lumens
- 280-Watt
- 15.6 Grms Vibration Rating
- Amp Draw: 2.55A @ 110V
- 90-305V AC | HV 249-528V AC (Add HV for High Voltage)
- IP68 / IP69K, CISPR 25
- Beam Pattern: Ultra Wide Flood 180°



AC FLOOD 140W

PART # - LSG0630XXHV

FEATURES

- 21,000 Lumens
- 140-Watt
- 15.6 Grms Vibration Rating
- Amp Draw: 1.22A @ 115V
- 90-305V AC | HV 180-528V AC
(Add HV to end for High Voltage)
- IP68 / IP69K
- Beam Pattern: Spot 25°, Flood 60°
(Replace XX with beam number)



AC FLOOD 140W

PART # - LSG0630180HV

FEATURES

- 21,000 Lumens
- 140-Watt
- 15.6 Grms Vibration Rating
- Amp Draw: 1.22A @ 115V
- 90-305V AC | HV 180-528V AC
(Add HV to end for High Voltage)
- IP68 / IP69K
- Beam Pattern: Ultra Wide Flood 180°

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KOMATSU TAILLIGHT KIT

Part # - KOM-TLA

Applicable Models: 730, 830, 930, 960, 980

FEATURES

- Keeps all three lights together. Red - Brake lights, taillights, Amber - Dynamic brake indicator, White - Reverse
- Voltage 9-32V DC
- Low wattage - 48W (Kit)
- High vibration rating: 21 Grms
- **Turn key tail light set up**



Tail/Brake

Dynamic/Indicator

Reverse

APPLICATION

Vision X Komatsu tail light kit mounts easily to the factory location and features three identifiable light signals. This tail light kit suits mine sites with mining fleets of Komatsu haul trucks / Komatsu dump trucks, including Komatsu 730 Series, Komatsu 830 Series, Komatsu 930 Series, Komatsu 960 Series, Komatsu 980 Series.



Electrical Specifications:

Operating Voltage:	9-32V DC
Operating Temp:	-40°C ~ 85°C
Amp Draw:	3A @ 24V DC
Lifespan:	50,000 hrs
Vibration:	8.7 Grms

BHB 7 ANTI-GLARE LED

Part # - BHB0707AGSYKOM

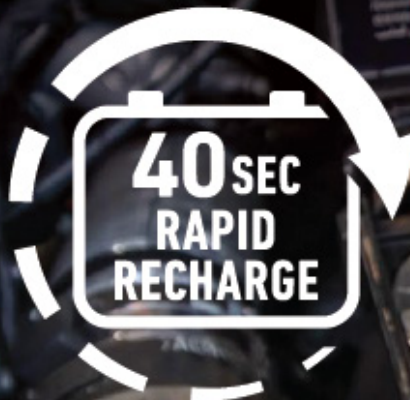
FEATURES & BENEFITS

- Anti-Glare Optics to Reduce Blindness for Oncoming Vehicles
- 49W Light Designed to Match Manufacturer's Electrical Output
- **Komatsu Specific Headlight Mounting Bracket**
- Selective Yellow Option for Increased Visibility in Dusty Conditions



For pricing, availability, or custom solutions, contact our team

THE INTELLI-START JUMPSTARTER RANGE



WHAT IS RAPID RECHARGE TECHNOLOGY?

Our patented **Rapid Recharge Technology** means that once a vehicle's been jump started, you can simply leave the Intelli-Start unit connected to the battery for an additional **40 seconds** and it will fully recharge the battery and be ready for the next emergency.

PROFESSIONAL RANGE

Ideal for workshops, car dealerships and roadside assistance vehicles.



PJ-IS920-2



PJ-IS1220-2



PJ-IS1400-2



PJ-IS1500-2



PJ-IS2000-2



PJ-IS3000-2



PJ-IS5000-2



PJ-IS5000HD-2

NEW MODEL

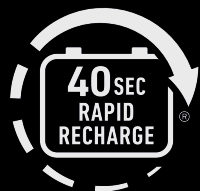
EMERGENCY RANGE

Perfect for personal leisure craft, passenger cars, recreational vehicles and 4WDs.

INDUSTRIAL RANGE

Suitable for commercial transport, construction, agriculture, mining and industrial machinery.

sales@mcraesautoelectric.com



PROJECTA

HEAVY DUTY JUMPSTARTERS

FEATURING PATENTED TECHNOLOGY THAT RAPIDLY RECHARGES THE JUMP STARTER IN 40 SECONDS!



PJ-IS920-2



PJ-IS1220-2



PJ-IS2000-2

12V
UP TO
8 CYL. | 6.0L GAS

WORKLIGHT
FUNCTION BUILT-IN

1800 BATTERY CYCLES

IP53 WEATHER RESISTANT

12V
UP TO
8 CYL. | 7.0L GAS | 4.5L DIESEL

WORKLIGHT
FUNCTION BUILT-IN

1800 BATTERY CYCLES

IP53 WEATHER RESISTANT

12V + 24V UP TO
8.0L GAS | 7.0L DIESEL

CHARGE DOCK
STATION INCLUDED

LCD SCREEN
DIAGNOSTICS BUILT-IN

2000 BATTERY CYCLES

IP65 WEATHER RESISTANT



PJ-IS3000-2

12V + 24V UP TO
12.0L GAS | ALL DIESEL

CHARGE DOCK
STATION INCLUDED

LCD SCREEN
DIAGNOSTICS BUILT-IN

2000 BATTERY CYCLES

IP53 WEATHER RESISTANT



PJ-IS5000-2

12V + 24V UP TO
ALL GAS | ALL DIESEL

CHARGE DOCK
STATION INCLUDED

LCD SCREEN
DIAGNOSTICS BUILT-IN

2000 BATTERY CYCLES

IP53 WEATHER RESISTANT

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INDUSTRIAL CHARGING SOLUTIONS



Heavy-duty charging solutions built for reliability in both automotive and industrial applications. Featuring trusted brands like Quick Charge and Victron Energy.



RUGGED, RELIABLE 12 AND 24 VOLT FIELD CHARGING UNITS FOR MINING & INDUSTRIAL APPLICATIONS

MAE-12V160A MAE-24V70A

Voltage Model	12 Volts	24 Volts
Low Voltage (Float)	14.0 V Regulated	28.0 V Regulated
High Voltage (Bulk)	14.8 V Regulated	28.8 V Regulated
Max Amp Output	160 amps	70 amps
Weight	33kg/ 73lbs	33kg/ 73lbs
Engine	GX200	GX200
Max Engine Power	5.5HP 3600rpm	5.5HP 3600rpm
Fuel Capacity	3.1L/.82 US Gal	3.1L/.82 US Gal
Fuel Consumption	4~6 Hour Run Time	4~6 Hour Run Time
Fuel Type	Gasoline	Gasoline
Oil Capacity	.6L/.63 Qtv	.6L/.63 Qtv
Start Type	Recoil	Recoil
Noise Level (max)	74dBa @ 7M	74dBa @ 7M
Engine Warranty	Honda 3-year	Honda 3-year



**BUILT IN
CANADA**

For pricing, availability, or custom solutions, contact our team

Built for reliability and long service life, Associated chargers deliver consistent power for automotive, fleet, and industrial applications.



ASS-6001A

- 6/12 Volt
- 100 Amps/75 Amp
- 375 Amp Crank Assist at 12V
- Protective gauge cover
- Provides 16 rates of charge
- Patented "Stop/Go" light for Polarity Indication
- Rugged 7" tires



ASS-6002B

- 6/12/18/24 Volt
- 100/80/50/40 Amps
- 400 Amp Crank Assist at 12V
- Protective gauge cover
- Patented "Stop/Go" light for Polarity Indication
- Rugged 7" tires



ASS-6006AGM

- 6/12/24 Volts
- 70/65/30 Amps
- 280 Amp Crank Assist at 12V



ASS-6009AGM

- 6/12 Volt
- 70/60 Amps
- Fast Charger
- 265 Amp Crank Assist at 12V
- Patented "Stop/Go" light for Polarity Indication
- Rugged 7" tires



ASS-6012AGM

- 6/12 Volts
- 70/60 Amps
- 250 Amp Crank Assist at 12V



ASS-US20

- 6/12 Volt Fast Charger
- 40/10 Amps
- 200 Amp Crank Assist at 12V
- "Safe in any weather" Operation

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PORTABLE CHARGING SOLUTIONS

Quick Charge portable chargers give you fast, convenient battery power anytime, anywhere – ideal for mobile work sites, roadside service, and everyday use.



QPES122425
12-24V, 25A



QP3612
36V, 12A



SCPES1240
12V, 40A

INDUSTRIAL BATTERY CHARGERS AND TESTERS



QM12
12V, 15A
INPUT: 120 volt 60Hz.
OUTPUT: 12 volt 20/40/60 AMPS

Professional-grade, old-school manual chargers built for demanding jobs. No micro-processing or electronics – just straightforward charging power, high cranking output, and full operator control when reviving dead batteries.



OB2440
12V, 40A



OB1215
12V, 15A

For pricing, availability, or custom solutions, contact our team



Smart battery charging with built-in Bluetooth for monitoring and control. Ideal for automotive, RV, and marine applications.



BPC121031104R

12V/10A (1) 120V NEMA 1-15

BPC120531104R

12V/5A (1) 120V NEMA

BPC120731104R

24V/5A (1) 120V NEMA 1-15P

BPC240531104R

12V/10A (1) 120V NEMA 1-15



The ALT-SERIES chargers provide power flexibility for your motive applications. One charger model with the potential to support your entire fleet operations and batteries.

ALT-700

Max. Output Power: 720W
Rated Output Voltage: 24V
Max. Output Current: 30A

For pricing, availability, or custom solutions, contact our team

PROFESSIONAL BATTERY CHARGING SOLUTIONS



SkelStart

ENGINE **START** MODULE

THE MOST POWERFUL MODULE FOR STARTING LARGE DIESEL ENGINES

What is SkelStart?

SkelStart is a high-power supercapacitor engine start module designed for consistent, reliable starting in extreme environments.

Why SkelStart?

Haul trucks demand serious power—lights, HVAC, and onboard systems all draw from your batteries. SkelStart takes over the high-current engine starts, reducing battery strain and delivering reliable starts every time.



High power
60X the power
of batteries



No downtime
reliable engine
starting
even with dead
batteries



Long lifetime
1M+ lifecycles, no
maintenance needed



**Works even at
-40 OC/F**
with full efficiency

	SkelStart 12V	SkelStart 24V	Unit
Cold Cranking Amps (CCA)*	2130	1230	A
Maximum Peak Current (1 sec current)**	3829	2547	A
Peak Power*	44.7	76.1	kW
Charged full voltage***	13.5	27	V
Energy	37	37	Wh
Rated Capacitance	1360	340	F
Individual Cell Capacitance	3400	3400	F
Charging current	20 (max)	20 (max)	A
Continuous input voltage range	9-16	18-32	V
Continuous input voltage range with specified charge time	11.5-16	23-32	V
Recharge time (from 0 V)***	20	10	min
Operating temperature	-40 to +65 -40 to +149	-40 to +65 -40 to +149	Deg° C Deg° F
Storage temperature	-40 to +50 -40 to +122	-40 to +50 -40 to +122	Deg° C Deg° F
Standby current draw	<10	<10	mA
Dimensions	328 L x 171 W x 241 H 12.91 x 6.73 W x 9.49 H	328 L x 171 W x 241 H 12.91 x 6.73 W x 9.49 H	mm Inch
Weight	8.5 18.74	8.5 18.74	kg lbs

WHIP LIGHTS



SEE AND BE SEEN IN ANY CONDITION.



Available
Colours



LED Whips With Lighted Top Option

Visibility Options: Standard
or Bright

Sizes Options: 2ft - 14ft

LED Top Light Options: Strobe,
Non-Strobe, No top light

Base Options: Threaded & Quick
Release

Base Mount: Optional



Buggy Whip® Inc. LED Whip

Visibility Options: Standard
or Bright

Sizes Options: 2ft - 14ft

Base Options: Threaded & Quick
Release

Base Mount: Optional

For pricing, availability, or custom solutions, contact our team

COMPLETE MINING SAFETY PACKAGES

Buggy Whip's Lighted Top Mining Package

This package contains:

- 6 Ft. Led Whips
- Amber Flashing Top Light
- Increased Visibility Option
- Quick Release Base & Mount
- 16x16 Flag (Florescent Flag With Reflective X)



Buggy Whip's Standard Mining Package

This package contains:

- 6 Ft. Green/White LED Whip
- Quick Release Base & Mount
- 16x16 Flag (Florescent Flag With Reflective X)
- Mount Options



PERFORMANCE

- 600+ LEDs (aviation grade)
- 360° visibility
- Extreme brightness

DURABILITY

- UV resistant
- Weather resistant (-50°C to +50°C)
- Impact tested

INDUSTRIAL READY

- Meets mining specs
- Built for harsh environments
- High-speed durability

For pricing, availability, or custom solutions, contact our team

BATTERY CABLES

BUILT FLEXIBLE. BUILT TOUGH. ENGINEERED TO HANDLE ANY JOB - EVEN IN MINING'S HARSHTEST CONDITIONS.



CAT - CAT

15ft 5601021213-15

30ft 5601021213-30



CAT - CLAMP

15ft 5601021213-8180-15

30ft 5601021213-8180-30



CLAMP - CLAMP

15ft 8180-8180-15

30ft 8180-8180-30



CONNECTOR - CONNECTOR

15ft 32574-32574-15

30ft 32574-32574-30



CAT ADAPTER

5601021213-32574



CLAMP ADAPTER

3ft 8180-32574

15ft 8180-32574-15

30ft 8180-32574-30



***Custom-built cables available to suit any application.**

For pricing, availability, or custom solutions, contact our team

BATTERY ACCESSORIES



CAT COVER
CA1533



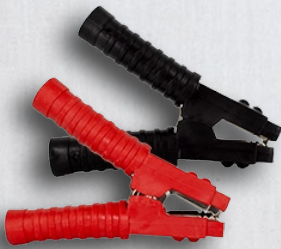
CAT RECEPTACLE
HMK-3501091018-02



CAT PLUG
5601021213-01



CONNECTOR ASSEMBLY
32574



HD BOOSTER CLAMP SET
8180-32

**MAXIMUM POWER. SAFETY.
RELIABILITY**

WIRE & CABLE

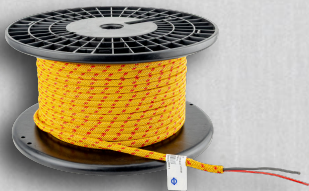


SUPERFLEX BONDED BOOSTER CABLE, 100ft 204106-100

- 1/0 fine-strand pure copper
- Super flexible and tough
- Built for harsh Canadian winters

HEAVY-DUTY BRAIDED HARNESS

INDUSTRIAL GRADE, FLEXIBLE, OEM STYLE BRAIDED HARNESS AVAILABLE IN 2,3,4 AND 7 CORE.



2 Wire HD Braided Harness,100ft
7201130119-01



3 Wire HD Braided Harness,100ft
7203130119-01



4 Wire HD Braided Harness,100ft
7205130119-01



7 Wire HD Braided Harness,100ft
7207130119-01

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BATTERIES

We supply a full range of batteries for automotive, heavy-duty, and industrial applications—backed by trusted brands and expert support.



8D/4D Heavy-Duty Batteries



Group 31 Heavy-Duty Batteries



AGM Heavy-Duty Batteries



Fleet & Commercial Batteries



Deep Cycle Batteries



Powersports & Small Equipment Batteries

Built for reliable performance in demanding environments.

Brands we trust

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PROOF**

Discover
MIXTECH

OPTIMA
BATTERIES

skeleton+

MOTOBATT

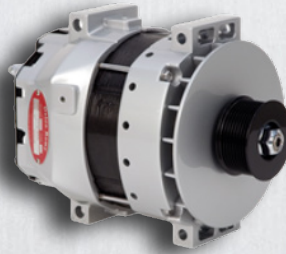
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BATTERY
Official Manufacturer's Website

STARTERS, ALTERNATORS, MOTORS & COMPONENTS

We supply, rebuild, and support rotating electrical components for automotive, heavy-duty, and industrial applications.



50MT- DELCO Starter



55SI- DELCO Alternator



P4L-40 Prelub Pump



150MT- DELCO Starter
(Upgraded lightweight
option for the 50MT)



C532- NIEHOFF Alternator



Prestolite DC Motor

✓ Supply ✓ Rebuild ✓ Test & Diagnose
Automotive · Heavy-Duty · Industrial

Brands we trust





Stronger, Lighter, Faster RAD Torque Wrenches

RAD Torque Systems delivers
high-performance torque tools built for
industrial applications worldwide.



RAD Pneumatics



E-RAD Blu



B-RAD Series



B-RAD X Series



Audit Equipment



Accessories

RAD Single Speed Series

Part Number	Tool Model	Torque Range Ft-lbs
12316	RAD 350SL	50-350
12814	RAD 7GX	100-700
12818	RAD 10GX	200-1,000
17328	RAD 15DX	300-1,500
12377	RAD 25GX	500-2,500
22238	RAD 30DX (SERP)	900-3,000
24716	RAD 30DX (SPLINE)	900-3,000
12356	RAD 34GX	1,000-3,400
19944	RAD 34GX SHAFT RETENTION	1,000-3,400
20248	RAD 50DX (SERP)	1,500-5,000
25868	RAD 50DX (SPLINE)	1,500-5,000
26710	RAD 50DX (SPLINE) SHAFT RET.	1,500-5,000
15328	RAD 60DX	2,000-6,000
18558	RAD 80DX	2,500-8,000
12383	RAD 85GX	3,000-8,500
26152	RAD 110DX	4,000-11,000



RAD High Speed Series

Part Number	Tool Model	Torque Range Ft-lbs
10644	RAD 10GX-2	350-1,000
17068	RAD 15DX-2	500-1,500
19773	RAD 25GX-2	700-2,500
24950	RAD 30DX-2 (SERP)	1,000-3,000
24951	RAD 30DX-2 (SPLINE)	1,000-3,000



RAD Wheel Nut & OTR Mining Series

Part Number	Tool Model	Torque Range Ft-lbs
13495	RAD 7GX-R	300-700
13691	RAD 10GX-NX	200-1,000
20810	RAD 15NDX-R	300-1,500
19339	RAD 15DX-NX	300-1,500
13477	RAD 1800NGX-R	500-1,800



E-RAD BLU Series

Part Number	Tool Model	Torque Range Ft-lbs
21980	E-RAD BLU 700	100-700
24161	E-RAD BLU 1500	200-1,500
21981	E-RAD BLU 2500 COMP	250-2,500
24221	E-RAD BLU 2500 COMP - 90°	250-2,500
21982	E-RAD BLU 3000	500-3,000
21983	E-RAD BLU 6000	1,500-6,000
21984	E-RAD BLU 7500	1,500-7,500
24234	E-RAD BLU 11K	3,000-11,000



E-RAD BLU-S Series

Part Number	Tool Model	Torque Range Ft-lbs
30079	E-RAD BLU-S 700	100-700
28836	E-RAD BLU-S 2500 COMP	250-2,500
31190	E-RAD BLU-S 3000	500-3,000
31191	E-RAD BLU-S 6000	1,500-6,000
31192	E-RAD BLU-S 7500	1,500-8,000



E-RAD BLU Control Case Option

Part Number	Tool Model	Torque Range Ft-lbs
21221	E-RAD BLU 110V	
21220	E-RAD BLU 220V	



E-RAD BLU Cable Length Option

Part Number	Tool Model	Length FT
21217	E-RAD BLU CABLE	15
21218	E-RAD BLU CABLE	20
21219	E-RAD BLU CABLE	25

B-RAD Xtreme

Part Number	Tool Model	Torque Range Ft-lbs
30983	B-RAD X 3000	250-3,000
30656	B-RAD X 5000	500-5,000
30658	B-RAD X 8000	740-8,000
30660	B-RAD X 11K	1,100-11,000



B-RAD Select Series

Part Number	Tool Model	Torque Range Ft-lbs
28283	B-RAD SELECT 500	130-500
28285	B-RAD SELECT 1000	200-1,000
28286	B-RAD SELECT 1000-2	200-1,000
28287	B-RAD SELECT 1500	300-1,500
28288	B-RAD SELECT 1500-2	300-1,500
28289	B-RAD SELECT 3000 (SERP)	600-3,000
28292	B-RAD SELECT 3000 (SPLINE)	600-3,000
28290	B-RAD SELECT 3000-2 (SERP)	600-3,000
28293	B-RAD SELECT 3000-2 (SPLINE)	600-3,000
28294	B-RAD SELECT 5000 (SPLINE)	1,000-5,000
28291	B-RAD SELECT 5000 (SERP)	1,000-5,000



B-RAD Select Offset Series

Part Number	Tool Model	Torque Range Ft-lbs
30002	B-RAD SELECT 500 OFFSET	130-500
29572	B-RAD SELECT 1000 OFFSET	200-1,000
30004	B-RAD SELECT 1500 OFFSET	300-1,500
30006	B-RAD SELECT 3000 OFFSET	600-3,000
30008	B-RAD SELECT 5000 OFFSET	1,000-5,000



B-RAD Series

Part Number	Tool Model	Torque Range Ft-lbs	CDN List
31800	B-RAD S 500	50-500	\$11,300
31802	B-RAD S 1000	100-1,000	\$11,900
31804	B-RAD S 1500	150-1,500	\$12,800
31806	B-RAD S 3000	300-3,000	\$14,400
31808	B-RAD S 5000	500-5,000	\$16,100



Digital B-RAD Series

Part Number	Tool Model	Torque Range Ft-lbs	CDN List
21779	DB-RAD 500-2	50-500	\$10,400
21783	DB-RAD 1000-2	100-1,000	\$11,000
21787	DB-RAD 1500-2	150-1,500	\$11,700
24965	DB-RAD 3000-2 (SERP)	300-3,000	\$12,800
26595	DB-RAD 3000-2 (SPLINE)	300-3,000	\$12,800



Digital B-RAD Plus

Part Number	Description	CDN List
26400	DB-RAD ANGLE OPTION	\$1,060

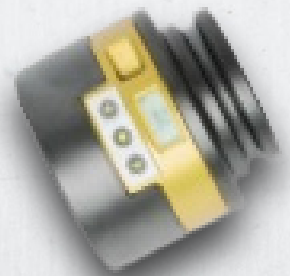
V-RAD Select Series

Part Number	Tool Model	Torque Range Ft-lbs	CDN List
25628	V-RAD SELECT 1000	100-1,000	\$8,700
25629	V-RAD SELECT 1500	150-1,500	\$9,200
25630	V-RAD SELECT 2500	250-2,500	\$9,700
25631	V-RAD SELECT 3000 (SERP)	300-3,000	\$10,300



RAD Smart Socket Series

Part Number	Tool Model	Torque Range Ft-lbs	Drive Size
25448	SMART SOCKET™ 1500/2000-M	1-1/2" (38mm)	1"
22157	(Imperial range: 150-1500)	1-3/4"	1"
22110		1-7/8"	1"
24124	SMART SOCKET™ 3400/4600-M	2" (51mm)	1"
29997	(Imperial range: 340-3400)	2-1/16"	1"
30211		2-1/4" (57mm)	1"
30212	SMART SOCKET™ 8000/10800-M	2-5/8" (67mm)	1.5"
28722	(Imperial range: 800-8000)	2-3/4" (70mm)	1.5"
21915		3" (76mm)	1.5"
27645		3-3/4" (95mm)	1.5"
32405	SMART SOCKET™ 12000/16200-M	4-1/8" (105mm)	1.5"
27290	(Imperial range: 1200-12000)	4-5/8"	1.5"
27289		3-7/8"	1.5"
33773	SMART SOCKET™ 18000/24000-M	3-7/8"	2.5"
	(Imperial range: 1800-18000)		



RAD Calibration System Series

Includes the RAD Transducer, bench, simulation joint, digital reach out, washer, and socket.

Part Number	Tool Model	Torque Range Ft-lbs
23442	RAD 1500 CAL SYSTEM	75-1,500
23443	RAD 3500 CAL SYSTEM	175-3,500
23444	RAD 7000 CAL SYSTEM	350-7,000



RAD Large Calibration System Series

Includes a 12K Smart Socket (1.5" square drive) or a 18K Smart Socket (2.5" square drive).

Part Number	Tool Model	Torque Range Ft-lbs
30526	RAD 12K CAL SYSTEM	600-12K
33736	RAD 18K CAL SYSTEM	900-18K



RAD SAFETY ACCESSORIES

Part Number	Tool Model	Torque Range Ft-lbs
21436	HAND GUARD ASSEMBLY PNEUMATIC NPW 120	100-1,000
21437	HAND GUARD ASSEMBLY PNEUMATIC NPW 180	150-1,500
21600	HAND GUARD ASSEMBLY PNEUMATIC NPW 200	250-2,500
21605	HAND GUARD ASSEMBLY PNEUMATIC NPW 200 FOR RAD 60DX	300-3,000

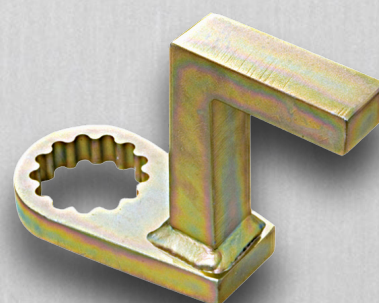
Part Number	Description
21889	TRIGGER GUARD E-RAD 2.5/BLU

Part Number	Description
19827	TOOL HANDLE/HANGER RAD 10GX
19825	TOOL HANDLE/HANGER RAD 15DX
19823	TOOL HANDLE/HANGER RAD 25GX
26751	TOOL HANDLE/HANGER RAD 30DX
19821	TOOL HANDLE/HANGER RAD 34GX
26674	TOOL HANDLE/HANGER RAD 50DX
19819	TOOL HANDLE/HANGER RAD 50/60DX
22931	TOOL HANDLE/HANGER RAD 80DX
19817	TOOL HANDLE/HANGER RAD 85GX
26634	TOOL HANDLE/HANGER RAD 110DX



NOSE EXTENSIONS, REACTION ARMS, RETAINING RINGS

Please contact our team for part numbers and pricing.



TORQUE WRENCHES

All rentals have a daily, weekly & monthly rate. For pricing & availability, please contact our team!

Pneumatic Series

Part Number	Tool Model	Drive	Torque Range Ft-lbs
12818	RAD 10GX	3/4"	200-1000
12356	RAD 34GX	1"	1000-3400

B-RAD Series

Part Number	Tool Model	Drive	Torque Range Ft-lbs
28289	B-RAD 3000	1"	600-3000
28291	B-RAD 5000	1-1/2"	1000-5000

LOW PROFILE WRENCHES

SL Series

Part Number	SW (inch)	Torque Range Ft-lbs
SL4	1.5/8 - 2.916	378-3783
	2.3/4 - 3.1/8	417-4170

HYDRAULIC WRENCHES

SD Series

Part Number	Drive	Torque Range Ft-lbs
3SD	1"	3,200
10SD	1-1/2"	11,000

CB115

Part Number	Description
CB-115	10,000 PSi Hydraulic Pump
XH-20	20' Twinline Hydraulic Hose



SUPPLIERS

ELECTRICAL & ACCESSORIES



HARNESS MASTER
WIRING SYSTEMS



REDARC

White
Rodgers



QUICKCABLE

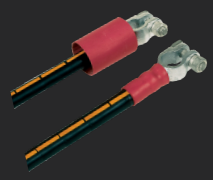


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A Littelfuse Brand



PICO

- ☐ Circuit Breakers
- ☐ Fuses
- ☐ Gauges
- ☐ Switches
- ☐ Solenoids
- ☐ Paint
- ☐ Shop Supplies
- ☐ Wire & Terminal





BATTERIES & CAPACITORS

- ☐ Starting Batteries
- ☐ Deep Cycle Batteries
- ☐ Lithium Batteries
- ☐ Starting Capacitors



skeleton+

Discover



MIXTECH

CANADA PROOF



OPTIMA BATTERIES



ODYSSEY BATTERY
Official Manufacturer's Vehicle



MOTOBATT





CHARGING & BOOSTING



ASSOCIATED



Quick Charge
CORPORATION



PROJECTA



M.A.E. INDUSTRIAL



victron energy
BLUE POWER



- ☐ Battery Chargers
- ☐ Boost Packs
- ☐ Booster Cables
- ☐ DC-DC- Converters



TOOLING

- ☐ Hydraulic Torque Tools
- ☐ Pneumatic Torque Wrenches
- ☐ Battery-Powered Torque Wrenches



TorsionX
EXTREME BOLTING FORCE



RAD
TORQUE SYSTEMS



ROTATING ELECTRICAL



Valeo



BOSCH



MITSUBISHI ELECTRIC



NIKKO



DENSO



HITACHI



Leece-Neville
HEAVY DUTY SYSTEMS



MAHLE



Letrika
Driving Innovation



ElectroDyne



Delco Remy



Prestolite electric



MITSUBISHI ELECTRIC



- ☐ Alternators
- ☐ Starters
- ☐ Generators
- ☐ DC Motors/ Components

LIGHTING





Vision

- ☐ Beacons/ Lightbars
- ☐ Stop/ Tail/ Turn
- ☐ Directional
- ☐ Clearance/ Marker
- ☐ Work Lights
- ☐ Flashlights
- ☐ Headlights
- ☐ Accessories

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