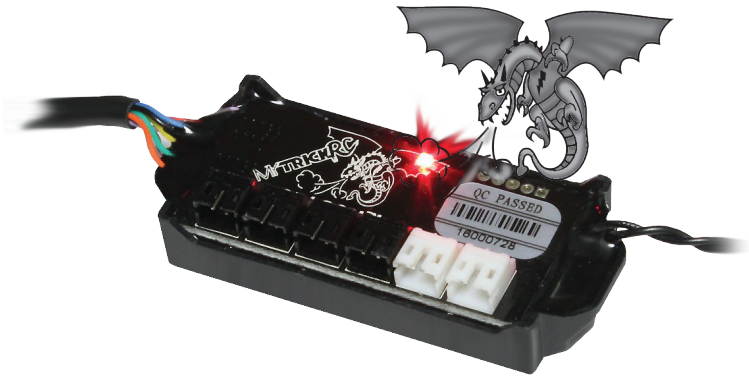


Attack

Advanced Lighting Systems

Product of **MYTRICK RC**



DG-1 DRAGON II HIGH POWER

LIGHTING CONTROLLER INSTALLATION & OPERATION INSTRUCTIONS

Please read instructions completely before attaching LEDs to RC.



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DG-1 DRAGON II CONTROLLER OVERVIEW

Thank you for purchasing MyTrickRC's premier off road lighting system including the DG-1 Dragon II Lighting Controller and Attack™ family of High Power Light Bars. For proper function and maximum enjoyment please follow all instructions carefully, and follow ALL safety precautions. Check out MyTrickRC's full line of products at mytrickrc.com.

CAUTION

1. This system is designed to be water resistant, but power and signal input connectors are only as waterproof as your receiver box. If you wish to use the system in heavy water environment then carefully protect connectors, and blow off water from connectors, light bars, and controller, after use.
2. Do not stare at LEDs! These intensely bright LEDs are similar in brightness to some automobile lights, and can cause discomfort and temporary blind spots in vision.
3. The brightness of these LEDs can cause a blinding effect viewing directly at night. This can affect bystanders vision causing possible injury.
4. Play responsibly if used on public streets and avoid pointing lights towards oncoming traffic.
5. MyTrickRC not responsible for reckless, irresponsible, or unlawful use resulting in injury or damage.
6. Disconnect from battery after use. Even with LEDs turned OFF, the Dragon will still draw a small amount of power. If left connected to battery after use, permanent damage can occur to your battery.
7. Batteries can cause fires. Follow all safety precautions outlined by manufacturer of the battery you are using to power ;the Dragon.

ATTENTION!

- **Controllers power input voltage range: 7.4-12VDC**
- **Never attach more than one battery at a time**

- ***Power connectors are keyed, never install battery connector backwards!***

DG-1 DRAGON II OPERATING INSTRUCTIONS

Your Dragon Contains Firmware Revision 2.8a

MODE SELECT BUTTON

1. TOGGLES BETWEEN MODES
2. PRESS AND HOLD FOR 3 SEC TO SET OUTPUT E FUNCTION BETWEEN
 - DRAG BRAKE (normally FULL BRIGHTNESS, DIM only when driving forward)
 - REVERSE LIGHT (normally OFF, FULL BRIGHTNESS when reversing)
 - TAIL/BRAKE (normally DIM, FULL BRIGHTNESS when braking)
 - ON STEADY (always on FULL BRIGHTNESS)

NOTE: IF THE DRAGON IS ONLY CONNECTED TO A BATTERY (no vehicle), SIMPLY USE MODE SELECT BUTTON TO SCROLL THROUGH MODES (OUTPUT E functions not available if servo cables not connected).

POWER/MODE LED

Blinks to indicate what MODE controller is set to. One blink followed by on steady indicates MODE 1. Two blinks followed by on steady indicates MODE 2, and so on.

This side of cable stays permanently attached to vehicle body

DG-1 WATER PROOF QUICK DISCONNECT

This side of cable stays permanently attached to vehicle chassis

RED CONNECTOR (OPTIONAL REMOTE CONTROL FUNCTION)

CONNECT TO 3rd CHANNEL ON RECEIVER (FOR REMOTE ON/OFF LIGHT FUNCTION)



VEHICLE RECEIVER

CONNECT TO MOTOR PORT ON RECEIVER

CONNECT MOTOR SERVO CABLE TO DG-1 Y-SPLITTER

BLACK CONNECTOR

CONNECT TO DG-1 Y-SPLITTER (FOR BRAKE/REVERSE LIGHT FUNCTION)

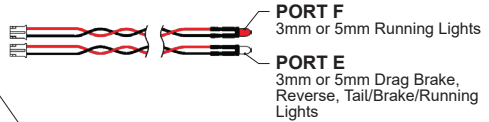
WARNING

DO NOT LEAVE CONNECTED TO BATTERY

Even with LEDs turned off, the DG-1 still draws a small amount of power from the battery. To prevent over-discharge of your battery be sure to disconnect the DG-1 after every use.

MyTrickRC not responsible for damage resulting from incorrect connection, incorrect use, abuse, or improper operation.

CONNECT A SINGLE BATTERY TO EITHER TERMINAL (BATTERY MAY BE 6.5-12VDC LIPO OR NiMH)



PORTS A-D

High Power Outputs for Attack Off Road Light Bars, Spot Lights, and Headlights

WARNING: Do Not plug 3mm or 5mm LEDs into PORTs A-D or they will burn up

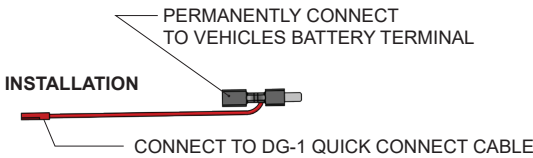
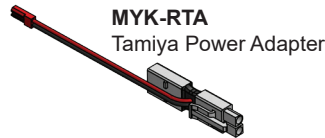
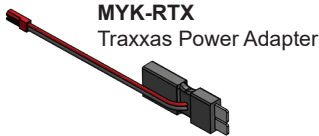
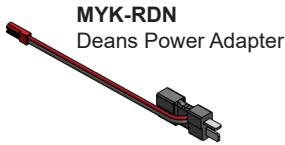
MODE CHART					
PORT	MODE 0	MODE 1	MODE 2	MODE 3	MODE 4
A	OFF	OFF	LOW	MED	HIGH
B	OFF	OFF	LOW	MED	HIGH
C	OFF	OFF	OFF	OFF	HIGH
D	OFF	OFF	OFF	OFF	HIGH
E	OFF	ACTIVE	ACTIVE	ACTIVE	ACTIVE
F	OFF	ON	ON	ON	ONE

ACTIVE - Use the MODE button to set the behavior of PORT E. **PORT E can function as Drag Brake, Reverse, Tail/Brake/Running Lights.** Press and hold MODE button for 3 sec to change function of PORT E

DG-1 DRAGON II LIGHTING CONTROLLER ACCESSORIES *SOLD SEPARATELY*

OPTIONAL POWER ADAPTERS

Upgrade your DG-1 Dragon with battery specific power adapters. With this upgrade your dragon becomes a seamless part of your vehicle. When you connect the battery to your vehicle, your DG-Dragon will power up automatically.

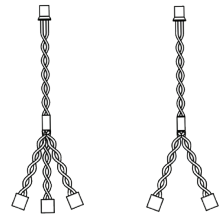


LED EXPANDER CABLES

Want to add more LEDs to your Dragon system? Here's a simple solution, 2-way and 3-way expanders.

- Each Low Power port can power up to six standard LEDs
- Each High Power Port can power up to ten High Power LEDs
 - (6" Light Bar = 10 High Power LEDs)
 - (5" Light Bar = 8 High Power LEDs)
 - (2" Light Bar = 2 High Power LEDs)
 - (Spot Light Set = 2 High Power LEDs)
 - (Headlight Set = 2 High Power LEDs)

NOTE: Certain LED color combinations will not work when connected to the same Y-Splitter Cable. **Red, Orange, and Yellow** LEDs operate at lower voltage (~2.8V), than **White, Blue, and Green** (~3.1V). So Red/Orange/Yellow colors work with each other but not with White/Blue/Green. The same is true for White/Blue/Green.



MYK-RY3
3-Way LED
Expander
Cable

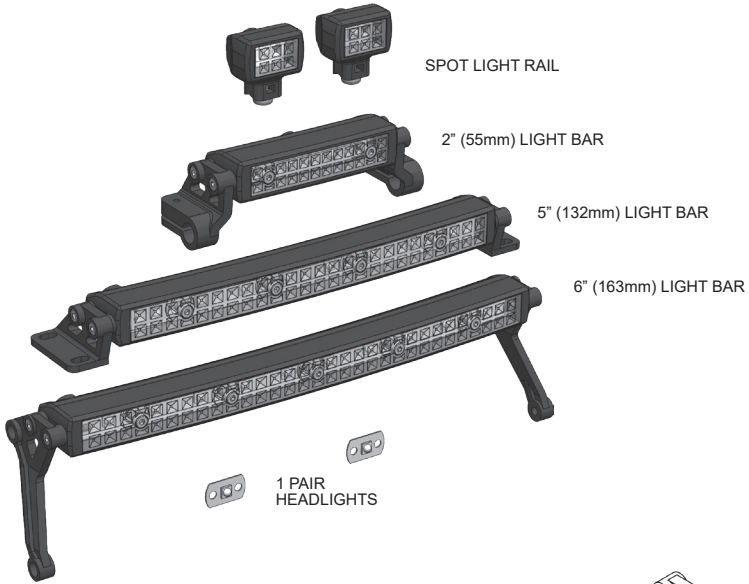
MYK-RY2
2-Way LED
Expander
Cable

PORT CONVERSION CABLE

Turns a DG-1 High Power port into a port that 3mm or 5mm LEDs can plug into.



ATTACK OFF ROAD LIGHT BAR FAMILY



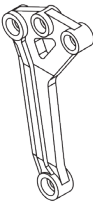
SPOT LIGHT RAIL

2" (55mm) LIGHT BAR

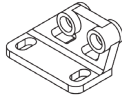
5" (132mm) LIGHT BAR

6" (163mm) LIGHT BAR

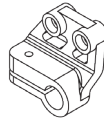
1 PAIR HEADLIGHTS



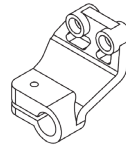
PILLAR MOUNT FOR AXIAL SCX-10 RUBICON BODY



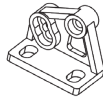
ROOF MOUNT



ROLL CAGE MOUNT

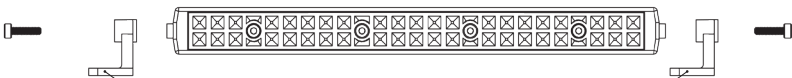


ROLL CAGE MOUNT LONG



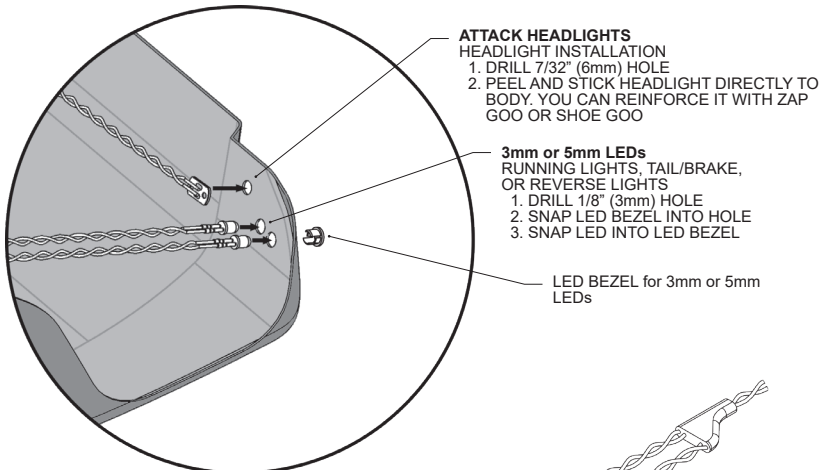
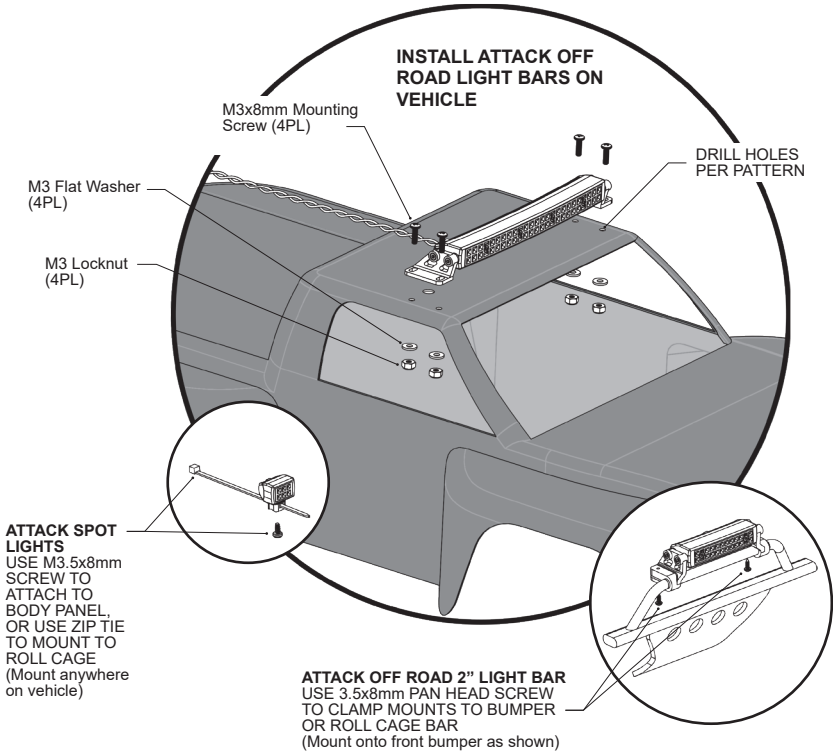
WINDSHIELD MOUNT

ATTACK OFF ROAD LIGHT BAR ASSEMBLY



MOUNTS FOR ALL LIGHT BARS ARE DESIGNED TO BE INTERCHANGEABLE, SO YOU CAN ATTACH TO EITHER END OF LIGHT BAR

ATTACK OFF ROAD LIGHTS INSTALLATION



ATTACK HEAD LIGHTS
 PEEL OFF PROTECTIVE COVER THEN STICK TO BODY

