



**ATD-80357**  
**Corded / Cordless 2000 Lumens 2 IN 1 LED Underhood Light**  
**Owner's Manual**  
**Original & Revised Editions\***

\*Please review all of the pages of this manual when ordering parts. There were minor improvements made to the charging port and charger that WILL affect the part numbers that you may need to order. The straight plastic coupler on the charging cord with threads on it if from the Generation I light, the angled aluminum coupler with the quick disconnect is from the Generation II light. THESE ARE NOT INTERCHANGEABLE - please review the manual and your light before ordering parts to ensure correct fitment.

## Generation I Underhood Light




### Features:


- 250 SMD LEDs provide 2000 lumens of bright light
- Performance of a corded light with the convenience of a rechargeable light
- 40" light bar provides maximum area illumination
- Hooks extend 55" to 83" to fit new SUVs and light trucks
- Large padded covered hooks for easy attachment and increased stability
- (2) brightness modes: High-2000 lumens / Low-1000 lumens
- 25' 18/2 SJTOW removable cord remains flexible in cold weather and is oil and grease resistant
- Push-button LED battery level indicator


### Specifications:

- UL/cUL listed 8.4V, 2.2A charger and 25' 18/2 SJTOW cord
- Battery: 7.4V, 4400mAh Li-Ion battery
- Run Time: Up to 1.6-hours (high), up to 3-hours (low)


## General Safety Warnings:


 **WARNING:** The instructions and warnings contained in this manual should be read and understood before using or operating this tool. Do not allow anyone to use or operate this tool until they have read this manual and have developed a thorough understanding of how this tool works. Failure to observe any of the following instructions could result in severe personal injury to tool user and bystanders, or cause damage to the tool and property. Keep this manual for future reference.


 **Note:** The warnings and cautions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.


 **WARNING:** Use safety equipment. Users and bystanders should use safety goggles or safety glasses with side shields which comply with current national standards, or when needed, a face shield. Use an ANSI approved dust mask or respirator when working around metal, wood, and chemical dusts and mists. This applies to all persons in the work area. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate.

 **WARNING:** Keep bystanders and children out of the work area while operating this tool.

 **WARNING:** Always keep your work area clean, uncluttered, and well lit. Cluttered or dark areas invite accidents and injuries. DO NOT work on floor surfaces that are slippery.


 **WARNING:** Do not operate this tool if you are tired or under the influence of alcohol, drugs, or medications that could affect your ability to use the tool properly.


 **WARNING:** Dress properly. Do not wear loose clothing or jewelry as they can be caught in moving parts. Wear restrictive hair covering to contain long hair.


 **WARNING:** Do not reach over or across running machines. Keep proper footing and balance at all times. Non-skid footwear is recommended when working.


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## Electrical Safety Warnings:


 **WARNING:** Read all safety warnings and instructions. Failure to follow all warnings and instructions may result in electric shock, fire and/or serious injury or death.


 **WARNING:** Before connecting a tool to a power supply, always check to ensure the power supply corresponds to the voltage on the nameplate of the tool. A power supply with a voltage greater than that specified for the tool can result in serious injury to the user, as well as damage to the tool. Using a power supply with a voltage less than the nameplate rating is harmful to the motor. If in doubt, do not plug in the tool.


 **WARNING:** Grounded tools must be plugged into an outlet properly installed and grounded in accordance with all codes and ordinances. Do not use any adapter plugs. Check with a qualified electrician if you are in doubt as to whether the outlets are properly grounded.


 **NOTE:** Double insulated tools are equipped with a polarized plug (one blade is wider than the other). This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still doesn't fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way.

 **WARNING:** To reduce the risk of electric shock, DO NOT use in damp conditions, on wet surfaces, or expose to rain. Do not plug in this light or operate it with wet hands or while standing in water.


 **WARNING:** Never use the cord for carrying, pulling or unplugging the light. Grasp plug and pull to disconnect from outlet. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately.


 **WARNING:** Always remove the power cord from the electric outlet when making adjustments, changing parts, cleaning or working on the light.


 **WARNING:** Care should be taken to arrange the cord so it will not be stepped on, tripped over, or otherwise subjected to damage or stress.

 **WARNING:** Never attempt to plug in or operate equipment with defective or damaged wires, power cord or power cord plug. Have any defective or damaged parts replaced immediately by qualified personnel.

 **WARNING:** Avoid body contact with electrically grounded surfaces. There is an increased risk of electric shock if your body is grounded.

 **WARNING:** If the work area is not equipped with a permanently installed Ground Fault Circuit Interrupter outlet (GFCI), use a plug-in GFCI between the power tool or extension cord and the power receptacle.

 **WARNING:** If an extension cord is necessary, use only 'Listed' extension cords. If used outdoors, they must be marked "For Outdoor Use". Those cords having a 3-prong grounding type plugs and mating receptacles are to be used with grounded tools.

 **WARNING:** Use of improper size or gauge of extension cord may cause unsafe or inefficient operation of your tool, or cause damage to your tool. Be sure your extension cord is rated to allow sufficient current flow to the motor. If in doubt, always use a larger gauge cord. Be sure to check the voltage requirements of the tool to your incoming power source.





**NOTE:** The table below shows the correct size to use according to cord length and the amperage draw of the tool (specified on the nameplate). When in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. (AWG = American Wire Gauge).

Minimum Gauge for Extension Cords (AWG)  
(when using 120 volts only)

Ampere Rating		Total Length of Cord in Feet (meters)			
More Than	Not More Than	25' (7.6m)	50' (15m)	100' (30.4m)	150' (45.7m)
0	6	18	16	16	14
6	10	18	16	14	12
10	12	16	16	14	12
12	16	14	12	<b>Not Recommended</b>	

### ATD-80357 Specific Safety Instructions:

 **WARNING:** Read all instructions before using

 **WARNING:** For indoor use only – do not use in or around, tubs, showers, sinks, pools, hot tubs, or in a wet environment

 **WARNING:** Use only the recommended voltage and frequency requirements

 **WARNING:** Do not move or turn off light by pulling the power cord

 **WARNING:** Do not use if the cords or opaque tube are damaged

 **WARNING:** Keep out of reach of children

 **WARNING:** Do not operate light with wet hands.

 **WARNING:** Keep lamp away from hot objects.

## Operating Instructions:

### DC operating instructions

- To use, plug the unit into any 110-120V AC power source, such as a wall receptacle. Let the unit fully charge until the green indicator on the charger turns on before use.
- Charge this light every month if not in constant use, and after each use, if it is used often to ensure longevity.
- Press “I” : 1,000 Lumens  
Press “II” : 2,000 Lumens  
OFF: “O”

### AC operating instructions:

- To use, plug the unit into any 110-120V AC power source, such as a wall receptacle.
- Press “I” : 1,000 Lumens  
Press “II” : 2,000 Lumens  
OFF: “O”

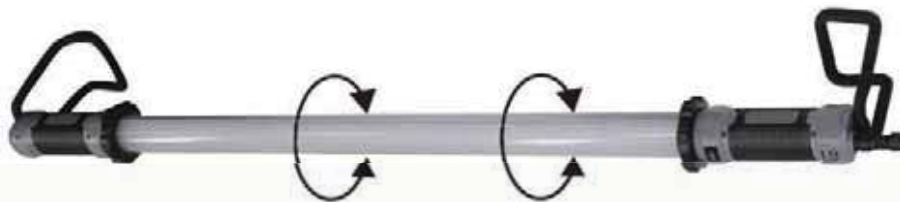
Battery charge indicator indicates state of charge left in the battery with a touch of the button. While pressing, five bars illuminated indicates a full charge, where only one bar lit will indicate a low charge.



- The hooks can be adjusted by simply pulling out on them and affixing to whatever surface you like, such as a car hood. (Up to 83' wide)



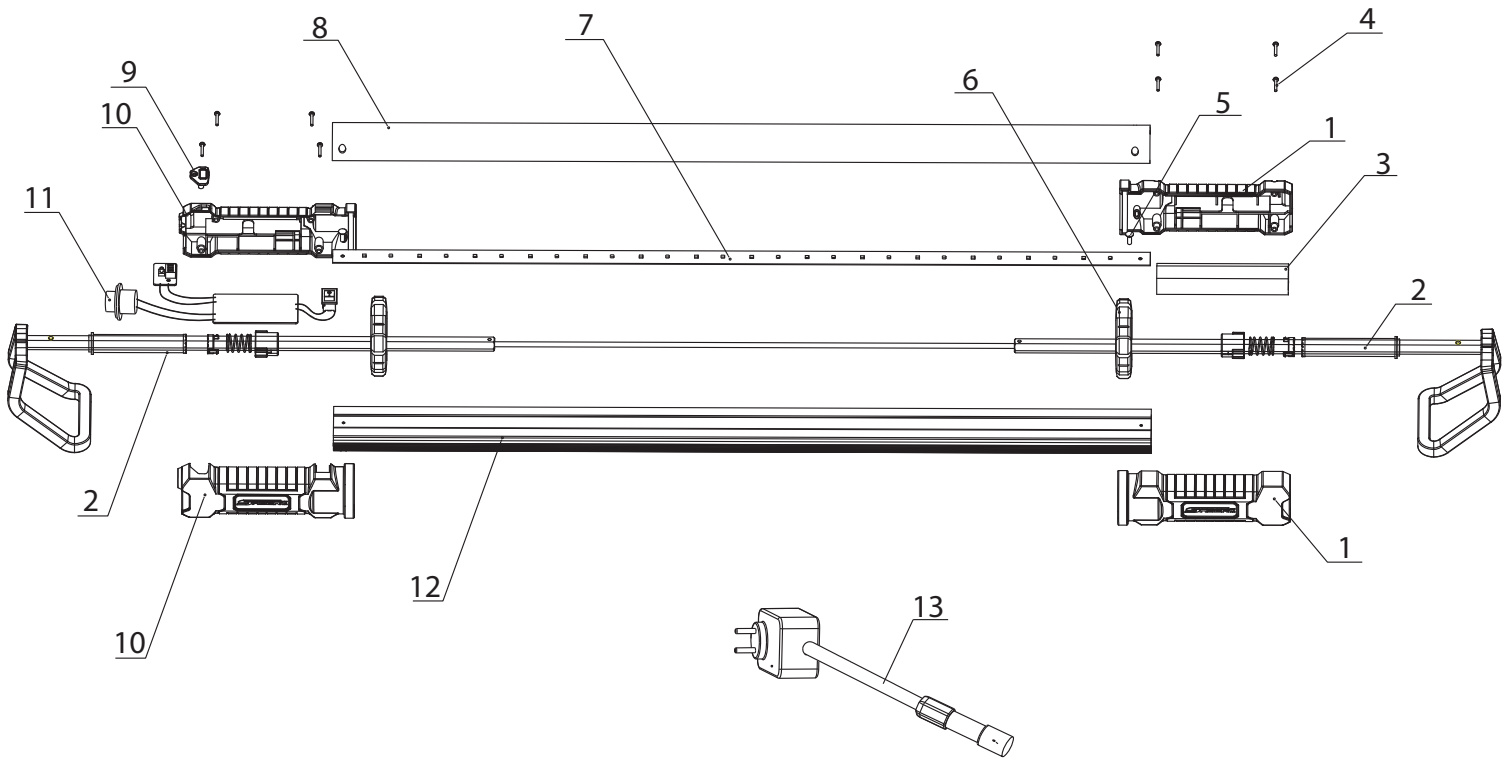
- Once your light is in place, it can be rotated to the desired position by simply twisting the light. You will hear ratcheting “clicks” as you rotate it.



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## ATD-80357

Generation I Underhood Light



ITEM#	ORDERING PART#	PART DESCRIPTION
1	PRT80351-03	LEFT HANDLE SET
2	PRT80356-02	PULL ROD ASSY
3	PRT80357-03	LI-ION BATTERY
4	PRT80351-08	SCREW 2.9X16
5	PRT80355-04	SCREW 2.9X6
6	PRT80351-05	PROTECTING COVER
7	PRT80357-07	LED PCB

ITEM#	ORDERING PART#	PART DESCRIPTION
8	PRT80356-07	TRANSLUCENT TUBE, LOWER
9	PRT80351-09	BATTERY INDICATOR COVER
10	PRT80357-10	RIGHT HANDLE SET
11	PRT80357-11	PCBA & SWITCH BOARD
12	PRT80356-13	ALUMINUM TUBE, UPPER
13	PRT80357-13	CHARGER / CORD

\*Highlighted numbers indicate parts affected by the upgrade



# ATD-80357 2,000 Lumen LED Corded / Cordless Underhood Light with 25' Removable Cord Owner's Manual

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## Generation II Underhood Light



### Features:

- Performance of a corded light with the convenience of a rechargeable light
- 40" light bar provides 2000 lumens of bright light for maximum area illumination
- Hooks extend 55" to 83" to fit new SUVs and light trucks
- Large foam covered hooks for easy attachment and increased stability
- (2) brightness modes: High-2000 lumens / Low-1000 lumens
- 25' 18/2 SJTOW quick-release power cord remains flexible in cold weather and is oil and grease resistant
- Push-button LED battery level indicator

### Specifications:

- UL/cUL listed 8.4V, 2.2A charger and 25' 18/2 SJTOW cord
- Battery: 7.4V, 5200mAh Li-Ion battery
- Run Time: Up to 2-hours (high), up to 4-hours (low)



## Operating Instructions:

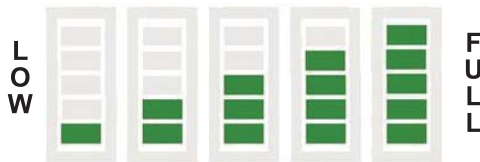
### DC operating instructions

- To use, plug the unit into any 110-120V AC power source, such as a wall receptacle. Let the unit fully charge until the green indicator on the charger turns on before use.
- Charge this light every month if not in constant use, and after each use, if it is used often to ensure longevity.
- Press “I” : 1,000 Lumens  
Press “II” : 2,000 Lumens  
OFF: “O”

### AC operating instructions:

- To use, plug the unit into any 110-120V AC power source, such as a wall receptacle.
- Press “I” : 1,000 Lumens  
Press “II” : 2,000 Lumens  
OFF: “O”

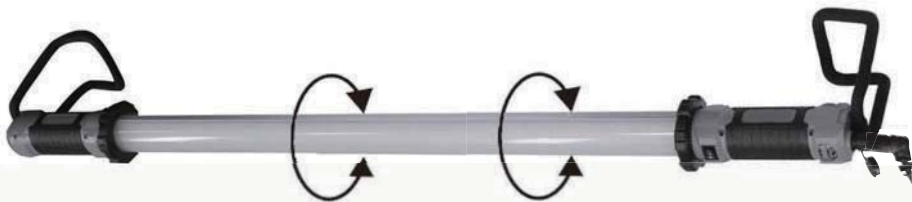
Battery charge indicator shows the state of charge left in the battery with a touch of the button. While pressing, five bars illuminated indicates a full charge, where only one bar lit will indicate a low charge.



- The hooks can be adjusted by simply pulling out on them and affixing to whatever surface you like, such as a car hood. (Up to 83" wide)



- Once your light is in place, it can be rotated to the desired position by simply twisting the light. You will hear ratcheting “clicks” as you rotate it.

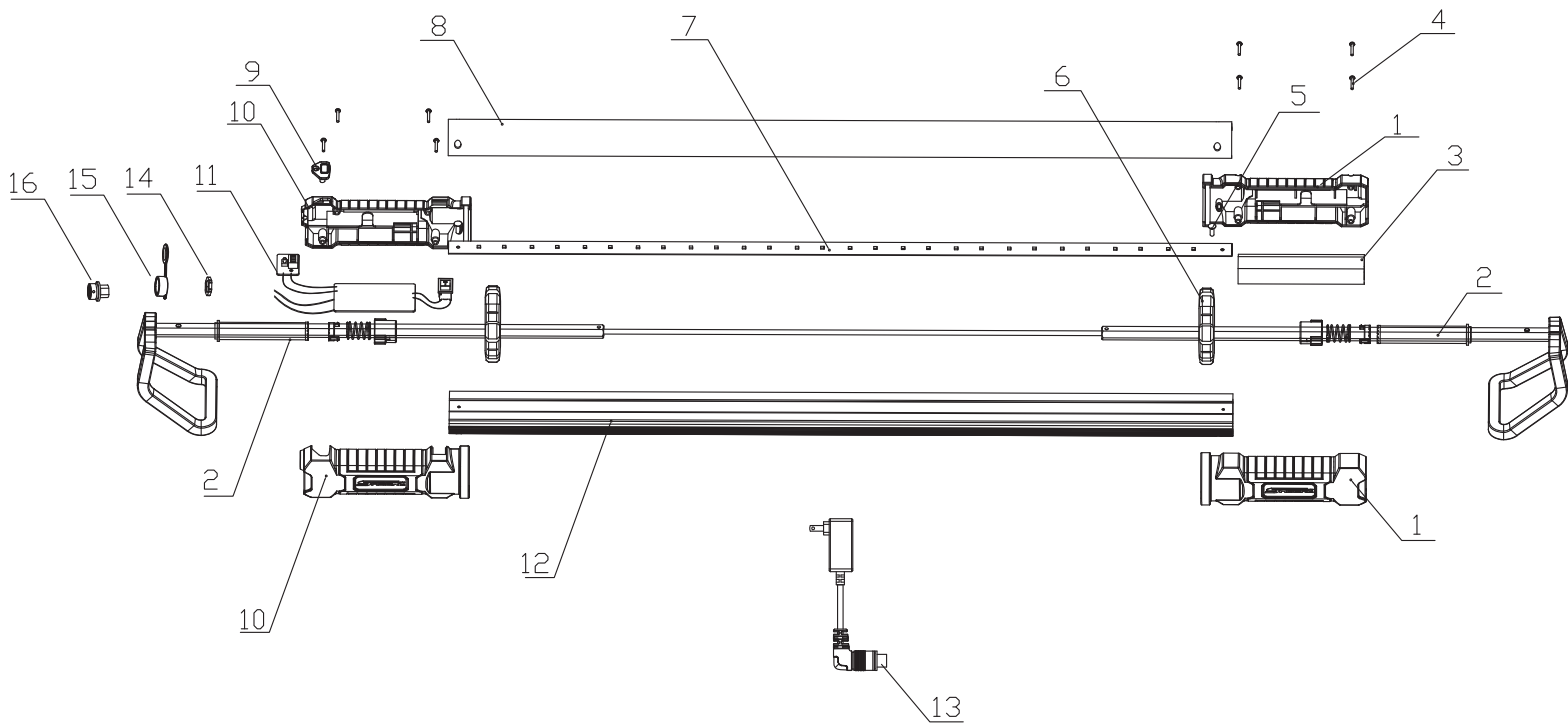




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## ATD-80357

### Generation II Underhood Light



ITEM#	ORDERING PART#	PART DESCRIPTION
1	PRT80351-03	LEFT HANDLE SET
2	PRT80356-02	PULL ROD ASSY
3	PRT80357-03A	LHION BATTERY 7.4V, 5200mAh
4	PRT80351-08	SCREW 2.9X16
5	PRT80355-04	SCREW 2.9X6
6	PRT80351-05	PROTECTING COVER
7	PRT80357-07	LED PCB
8	PRT80356-07	TRANSLUCENT TUBE, LOWER

ITEM#	ORDERING PART#	PART DESCRIPTION
9	PRT80351-09	BATTERY INDICATOR COVER
10	PRT80357-10A	RIGHT HANDLE SET
11	PRT80357-11A	PCBA & SWITCH BOARD
12	PRT80356-13	ALUMINUM TUBE, UPPER
13	PRT80357-13A	CHARGER, QUICK RELEASE
14	PRT80357-14	NUT
15	PRT80357-15	DC COVER
16	PRT80357-16	CHARGING PORT

\*Highlighted numbers indicate parts affected by the upgrade



## WARRANTY

### 1 YEAR LIMITED WARRANTY

THIS WARRANTY AND CONFIRMED RECEIPT(S) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

PURCHASED FROM: \_\_\_\_\_

DATE PURCHASED: \_\_\_\_\_

INVOICE/RECEIPT NUMBER: \_\_\_\_\_

Your ATD-80357 is warranted for a period of 12 months from the original purchase date.

For a period of one (1) year from your purchase date, ATD Tools Inc. will repair or replace (at its option) without charge, your ATD product if it was purchased new and the product has failed due to a defect in material or workmanship which you experienced during normal use of the product. This limited warranty is your exclusive remedy.

To access the benefits of this warranty, contact your supplier, or point of sale directly. You may be advised to return the product under warranty, freight prepaid, to your supplier for warranty determination.

If this ATD product is altered, abused, misused, modified, or undergoes service by an unauthorized technician, your warranty will be void. We are not responsible for damage to ornamental designs you place on this ATD product and such ornamentation should not cover any warnings or instructions or they may void the warranty. This warranty does not cover scratches, superficial dents, and other abrasions to the paint finish that occur under normal use. It also does not cover normal wear items such as but not limited to brushes, batteries, drill bits, drill chucks, pads or blades.

Subject to the law in your state:

- (1) Your sole and exclusive remedy is repair or replacement of the defective product as described above.
- (2) ATD is not liable for any incidental damages, including but not limited to, lost profits and unforeseeable consequences.
- (3) The repair and replacement of this product under the express limited warranty described above is your exclusive remedy and is provided in lieu of all other warranties, express or implied. All other warranties, including implied warranties and warranties of merchantability or fitness for a particular purpose are disclaimed and, if disclaimer is prohibited, these warranties are limited to one year from your date of purchase of this product.

Some states' laws do not allow limited durations on certain implied warranties and some states' laws do not allow limitations on incidental or consequential damages. You should consult the law in your state to determine how your rights may vary.

[Affix receipt or invoice here for safe keeping]