

# HYPERION<sup>®</sup>

BY DelTran

## Instruction Manual 3-in-1 Vehicle Repair Kit

Electric Jack/Inflator Pump/Electric Impact Wrench



P/N 043-1002-HY-WH



**Read this material before using this product.  
Failure to do so can result in serious injury.  
Save this manual.**

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## IMPORTANT SAFETY INSTRUCTIONS & WARNINGS

- 1) SAVE THESE INSTRUCTIONS – This manual contains important safety and operating instructions for the 3-in-1 Vehicle Repair Kit, P/N 043-1002-HY-WH
- 2) Read all warning labels and instructions. Operating instructions must be understood before using equipment. Never remove labels from equipment. Replace missing, worn or damaged labels. Always wear safety goggles and protective clothing when using hydraulic equipment.
- 3) Fully support each jack or ram at its base.



Every jack or ram, whether used individually or in a system, should be completely supported on a solid, firm, non-sliding foundation capable of supporting the load.

- 4) Center the load on the lifting point.



The load must be centered on the ram, or equally distributed on multiple rams. Off-center loading can result in the ram slipping out and loss of the load.

- 5) Block or crib load as it rises.



Place blocking or cribbing under the load as you raise it. Each time you raise it higher, insert more blocking. Position yourself in a manner that will keep you clear of the load, and will not allow your hands or other body parts between the load and the cribbing.

- 6) Do not use rams as permanent supports.



Hydraulic rams are not meant to be used as permanent supports, but are designed to lift and lower. If you need to hold the load for any length of time, place blocking or cribbing under the load.

- 7) Apply parking brake and chock tires before lifting vehicle.
- 8) Do not exceed rated capacity.
- 9) Before use, read manufacturer's instruction manual for the vehicle (or object) you will lift.
- 10) Keep clear of load while lifting and lowering.
- 11) Lift vehicle only at manufacturer-recommended locations.
- 12) Inspect before every use; do not use if parts loose or damaged.
- 13) Do not work under the vehicle without properly supporting the vehicle with jack stands.
- 14) Avoid dangerous oncoming traffic. Use the Jack as far away from the roadside as possible.
- 15) Before lowering the Jack, remove all tools and equipment from under the vehicle.
- 16) The warnings, precautions, and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors, which cannot be built into this product, but must be supplied by the operator
- 17) This product is not designed to be used by children.
- 18) Do not modify the equipment in anyway.
- 19) Do not use any accessories that are not recommended by the manufacture.
- 20) Hyperion® is not responsible for any loss caused by an accident or for providing any support regarding the outcome.

## SPECIFICATIONS

### Electric Jack

Input Voltage	12 Volt DC
Rated Power	150 Watts
Maximum Current	13 Amps
Fuse	15 Amp, 250 Volt
Maximum Lifting Weight	3 Tons (6000 pounds)
Lifting Height Range	6-17½ inches (155 – 444mm)
Working Temperature	5 - 122°F (-15 - 50°C)

### Inflator Pump

Input Voltage	12 Volt DC
Inflation Speed	77lbs/min. (35L/min)
Maximum Current	10 Amps
Maximum Pressure	150PSI
Length of Air Hose	23½ inches

### Electric Impact Wrench

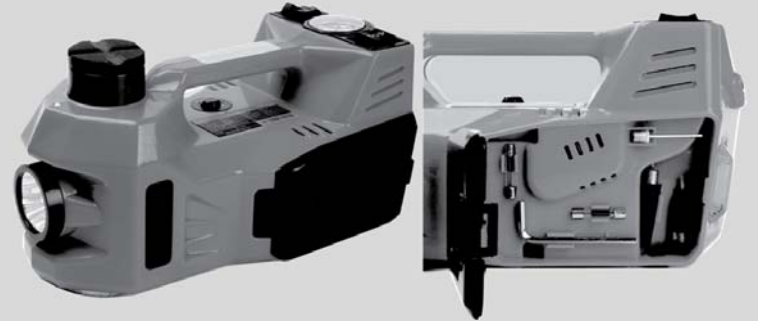
Input Voltage	12 Volt DC
Rated Power	100 Watts
Maximum Current	10 Amps
Maximum Torque	250 pounds (340N.M)
Weight	4.4lbs (2.0Kg)

## PRODUCT OVERVIEW

Below is a list of items that should be included in your retail box:

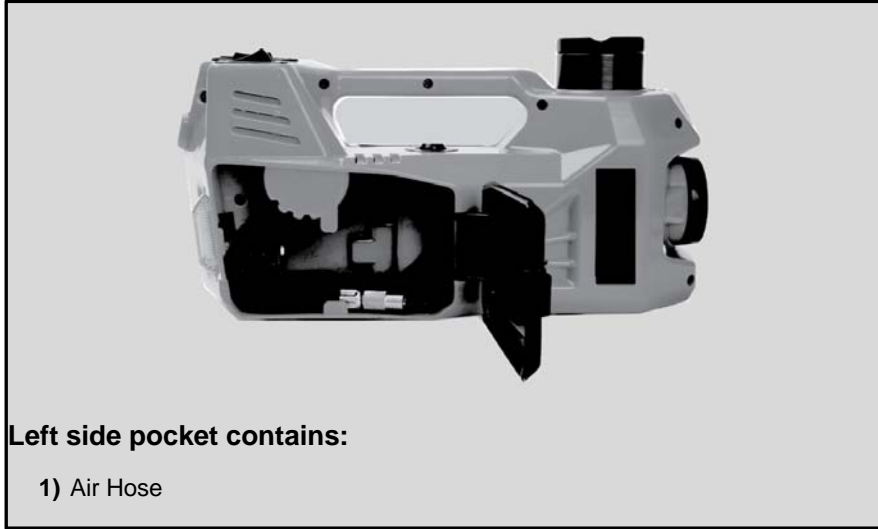
- 1) Electric Jack/Inflator Pump
- 2) Electric Impact Wrench
- 3) Plastic Carry Case
- 4) 12VDC Power Cable
- 5) Safety Hammer
- 6) Reversible Sockets (2)
- 7) Battery Clamp Connecting Cable
- 8) Inflation needle and hose connectors (3)
- 9) Fuse (2)
- 10) Hex wrench
- 11) Gloves (1 pair)

## ELECTRIC JACK FEATURES/OPERATION

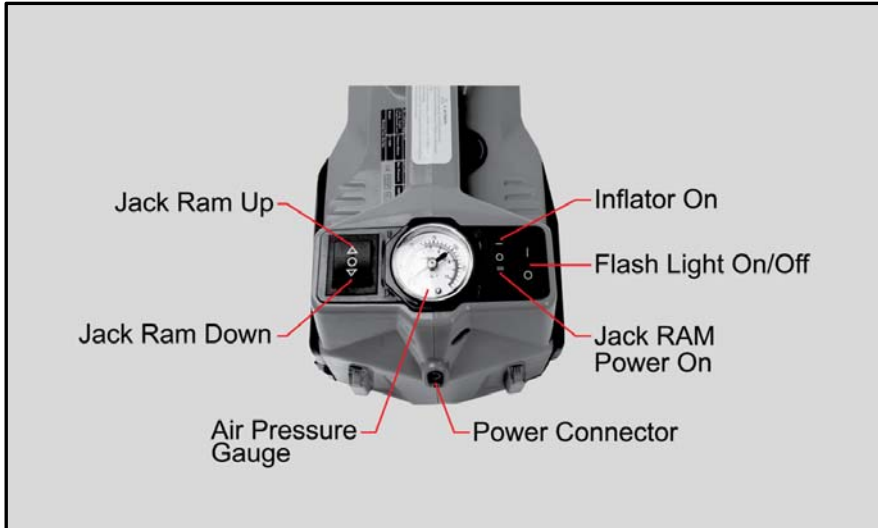


**Right side pocket contains:**

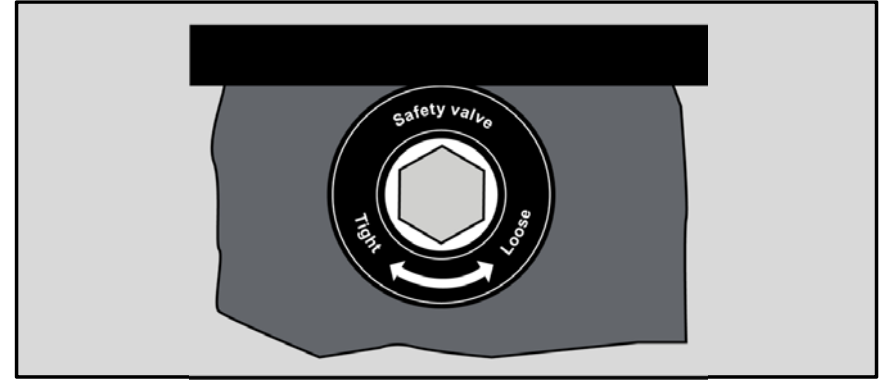
- 1) Inflation needle and hose connectors (3)
- 2) Fuse (2)
- 3) Hex wrench



**Switch Operations:**



**Safety Release Valve Operation:**



- 1) Remove the dustproof plug to expose the hex screw.
- 2) With the supplied hex wrench, loosen the hex screw until the jack starts to descend.
- 3) Once descended remove from under vehicle.
- 4) Then tighten the hex screw and replace the dustproof plug.

**Adjusting Screw Operation:**



- 1) Once the jack is placed under the vehicle in the correct position the adjusting screw on top the ram can be un-screwed so that the pressure ram does not have to travel as far to lift the vehicle.

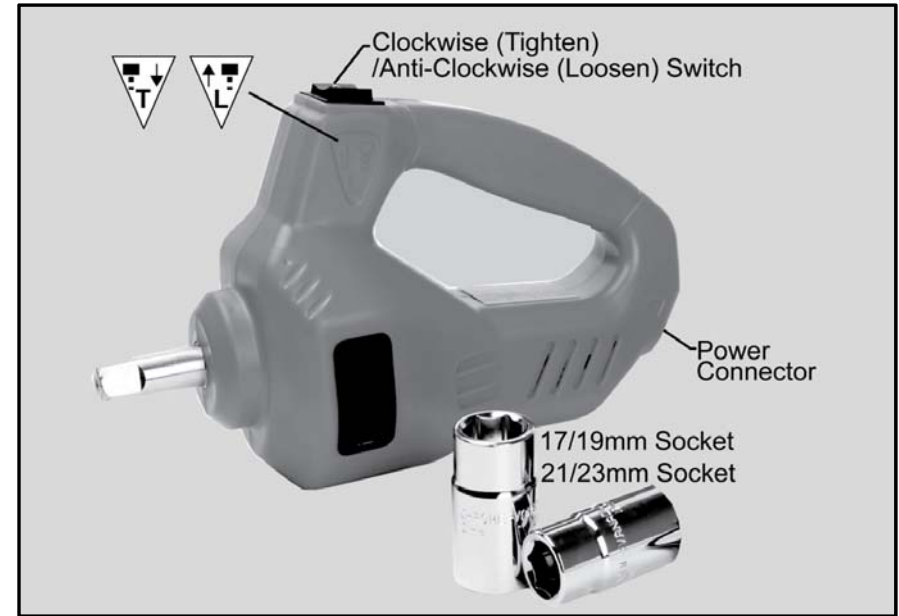
## Electric Jack Operation

- 1) Before operating the jack, read and understand all the important safety instructions and warnings contained in the front of this manual.
- 2) Also refer to any vehicle owner's guide before lifting any vehicle.
- 3) Connect the power adapter to the vehicles 12 volt power outlet or use the supplied alligator clips and female adapter and connect to a 12volt battery.
- 4) Connect the two pin plug to the power port on the Jack.
- 5) Press the Jack ram power switch (shown in the diagram on page 7) down to the **On** position.
- 6) Then press the Jack Ram switch down to activate the Ram upwards.
- 7) Once the Ram has reached its desired or maximum height return the Jack Ram switch to its **Off** position.
- 8) To lower the Jack Ram press the switch in the down direction.
- 9) Once down turn the switch to the **Off** position to turn the Jack Ram Off.

## Inflator Pump Operation

- 1) Connect the power adapter to the vehicles 12 volt power outlet or use the supplied alligator clips and female adapter and connect to a 12volt battery.
- 2) If any valve adapters are required check the right side pocket.
- 3) Connect the hose to the valve.
- 4) Also refer to any vehicle owner's guide before inflating any tires.
- 5) Press the inflator switch into the **On** position and inflate to the required value by watch the pressure gauge.

## ELECTRIC IMPACT WRENCH FEATURES/OPERATION



## Electric Impact Wrench Operation

- 1) Connect the power adapter to the vehicles 12 volt power outlet or use the supplied alligator clips and female adapter and connect to a 12volt battery.
- 2) Connect the two pin plug to the power port on the Wrench.
- 3) To loosen (Anti-clockwise "L") press the switch down to the left.
- 4) Hold the switch down for a second or more then the torque will activate.
- 5) To tighten (Clockwise "R") press the switch down to the right.
- 6) After using this impact wrench always check the tightness of lug nuts using a torque wrench set to the correct setting (see owner's manual).

## TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Electric jack/inflator does not have power	The switches are set in the incorrect position	Set switches to correct position
	The power cable is not connected securely to the vehicles power outlet	Check connection and ensure the red LED indicator is on.
	The LED indicator on the power cable is not on and the internal fuse is blown	Replace the 15A fuse with one that is supplied in the left pocket
	The power cable is damaged	Replace the cable
	The vehicles power outlet fuse is blown	Refer to the vehicles owner's manual and replace the fuse
	The vehicles battery is dead	Charge or replace the battery
The inflator is running but will not inflate the tire	The hose is not properly attached to the valve stem	Check connection
	The tire is completely deflated and the seal between the tire and wheel rim is leaking air	Jack up the vehicle to release the pressure on the tire rim.
	The vehicles battery is too low	Recharge/replace the battery
	The inflator hose is damaged	Repair the hose
The jack motor is running but will not lift the vehicle	The load is too heavy	Relocate the jack to a different lifting point
	The safety valve screw is loose	Tighten the screw
The jack is taking a long time to lift the load	The vehicle's battery is too low	Recharge/replace the battery

## CUSTOMER SERVICE

For customer support please visit [Deltran-Global.com/Hyperion](http://Deltran-Global.com/Hyperion). You can also call our customer service hotline 877-456-7901

## WARRANTY

The Hyperion ® Vehicle repair kit comes with a twelve (12) month limited warranty against defects or failure (within one (1) year of purchase).

THIS LIMITED WARRANTY IS VOID under the following conditions:

- 1) The product is misused, subjected to careless handling, or operated under conditions of extreme temperature, shock, or vibration beyond our recommendations for safe and effective use.
- 2) The product is misused, subjected to careless handling, or operated under conditions of extreme temperature, shock, or vibration beyond our recommendations for safe and effective use.
- 3) The product is disassembled or repaired by anyone who is not an authorized service representative.
- 4) The product was purchased from an unauthorized source. Warranty is not transferable from the original purchaser.
- 5) Any physical damage to the Vehicle repair kit or any accessory after purchase.
- 6) Any modifications to the 3-in-1 vehicle repair kit.