



INSTALLATION INSTRUCTIONS

GT4011AE SINGLE POINT HOIST

CARTON CONTENTS

QUANTITY	DESCRIPTION
1	SELF-LOCKING SAFETY CLEAT
1	DOUBLE STRAP ASSEMBLY W/ PULLEY
1	3/16" X 21 FT LONG CORD
1	END KNOB
1	PIGTAIL LAG SCREW

**TOOLS REQUIRED - ELECTRIC DRIVER / DRILL & 3/16" OR 7/32" BIT
STEP LADDER
SAFETY GLASSES
STUD FINDER OR SMALL BRAID NAILS & HAMMER (TO LOCATE JOIST
IF INSTALLING THRU DRYWALL.)**

**TWO INSTALLATION METHODS ARE DETAILED ON THE FOLLOWING PAGES
1 STANDARD INSTALLATION WITH SUPPLIED PARTS
2 RECOMMENDED INSTALLATION W/ CEILING POWERTRAK & RING HOOK**

SINGLE POINT HOIST - ASSEMBLY INSTRUCTIONS

SPECIFICATIONS & OPERATION

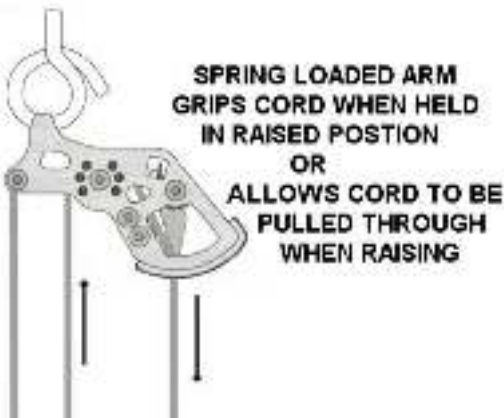
MAXIMUM LIFTING LOAD 45 LBS
MINIMUM LIFTING LOAD 10 LBS (SEE FURTHER INFO BELOW)
MAXIMUM VERTICAL LIFT 10 FT (SEE FURTHER INFO BELOW)
MECHANICAL ADVANTAGE 2:1

THE UNIQUENESS OF THIS HOIST SYSTEM IS THE SELF-LOCKING SAFETY CLEAT. IT HAS A SPRING LOADED ARM WHICH HOLDS THE CORD IN PLACE WHEN UNATTENDED.

WHEN RAISING AN ITEM, THE CORD SLIDES PAST THE ARM. WHEN THE CORD IS RELEASED, THE SPRING LOADED ARM'S TEETH PRESSES AGAINST THE CORD, HOLDING THE CORD IN PLACE.

TO LOWER AN ITEM, 1) YOU MUST STAND AWAY AND THIS "OPENS" THE SAFETY ARM AND 2) THEN WHEN THE ARM IS OPEN, YOU SLOWLY RELEASE THE CORD, ALLOWING IT TO "SLIDE" PAST THE ARM'S TEETH. THIS IS WHY A 10 LB. MINIMUM LOAD IS REQUIRED. ie. LESS THAN 10 LBS OF TENSION WILL NOT OPEN THE SPRING LOADED CLEAT.

RAISING LOAD OR WHEN HELD IN POSITION



LOWERING LOAD
ie. bike(s), etc.



THE LENGTH OF THE PULL CORD IS 21 FT AND THE STRAP ASSEMBLY IS APPROXIMATELY 2 FT. THE MAXIMUM VERTICAL LIFT DISTANCE IS DEFINED AS 10 FT AND CAN BE USED IN A GARAGE WITH 12 FT HIGH CEILINGS.

A. STANDARD INSTALLATION W/ SUPPLIED PARTS



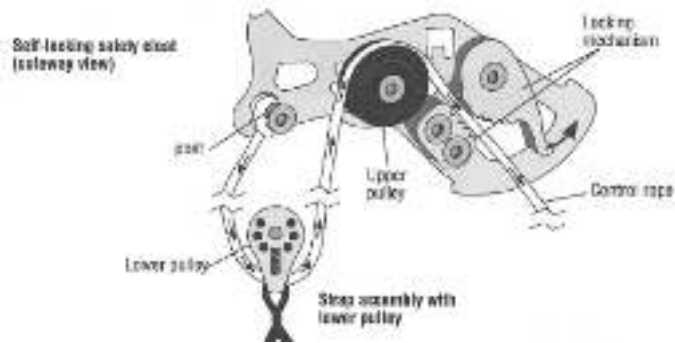
STEP 1A



STEP #1A: CHECK PARTS RECEIVED.

STEP #2A: THREAD CORD'S SEWN END THROUGH THE CLEAT AS SHOWN. THREAD THE OTHER END OF THE CORD THROUGH THE SEWN LOOP AND PULL TIGHT.

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STEP 3A



STEP 4A

STEP #3A: THREAD THE END OF THE CORD THROUGH THE SAFETY CLEAT AS SHOWN ABOVE.

STEP #4A: SLIDE THE KNOB ONTO THE END OF THE CORD. TIE A KNOT IN THE END OF CORD AND PULL THE KNOB FORWARD SO THE KNOT IS INSIDE THE KNOB.



STEP #5A



STEP #6A

STEP #5A: LOCATE THE JOIST CENTERLINE. IF INSTALLING THROUGH DRYWALL, USE A STUDFINDER OR SMALL BRAID NAILS.

STEP #6A: DRILL A 7/32" HOLE IN THE JOIST AND SCREW PIGTAIL LAG SCREW COMPLETELY INTO THE JOIST. SLIDE ON SAFETY CLEAT AS SHOWN.

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STEP #7A



STEP #8A

STEP #7A: ATTACH THE STRAPS TO THE OBJECT BEING RAISED. THE SUGGESTED POSITIONS FOR BIKE ARE SHOWN IN THE ABOVE IMAGE.

STEP #6A: INSTALLATION IS COMPLETE. RAISE & LOWER IN SHORT STROKES. THE SAFETY CLEAT HOLDS THE HOISTED OBJECT IN PLACE BETWEEN STROKES. COIL EXCESS CORD AND HANG ON THE OBJECT BEING HOISTED AS SHOWN ABOVE OR HANG ON A NEAR WALL HOOK.



A BIKE IS SHOWN IN THESE INSTRUCTIONS, BUT OTHER ITEMS CAN CERTAINLY BE HOISTED & STORED. ie. LADDERS, SNOW BLOWERS, LAWN MOWERS, ETC.



SEVERAL BIKES CAN BE HOISTED ON THE SAME HOIST / CORD. THIS IS A TIME SAVING AND MORE EFFICIENT STORAGE SOLUTION IF THE HOIST IS TO BE USED FOR WINTER BIKE STORAGE.



BECAUSE THIS SYSTEM HAS A SINGLE LIFT CORD, IT CAN BE IRRITATING TO HAVE THE OBJECT (BIKE) ROTATE FREELY INTO A POSITION NOT DESIRED. TWO SUGGESTIONS TO RESOLVE THIS PROBLEM WOULD BE: 1- INSTALL THE HOIST NEAR A WALL WHERE THE WALL CAN HOLD THE ORIENTATION DESIRED OR 2- A LITTLE MORE TEDIOUS WOULD BE TO "TWIST" THE CORD AROUND THE UPPER PULLEY IN THE SAFETY CLEAT UNTIL YOU FIND THE DESIRED ORIENTATION. I USE THIS SECOND METHOD.

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B. RECOMMENDED INSTALLATION W/ CEILING POWERTRAK & RING HOOK

THIS IS THE RECOMMENDED INSTALLATION METHOD BECAUSE IT MAKES A MUCH "NEATER" INSTALLATION, IS EASY TO CHANGE, AND IS EASIER TO INSTALL IF MORE THAN 1 HOIST IS TO BE INSTALLED.



ALL THE STEPS ARE THE SAME AS IN THE STANDARD INSTALLATION METHOD EXCEPT THE RING HANGER HOOK IS USED INSTEAD OF INSTALLING THE PIGTAIL LAG SCREW PER THE ABOVE IMAGE.

REQUIRED IS THE ADDITIONAL PURCHASE OF A RING HANGER HOOK (GT9002E) AND THE CEILING POWER TRAK (GT9150-10E). BOTH ITEMS CAN BE FOUND IN THE "CEILING SYSTEMS" CATEGORY OF THE ESTORE.



A FINAL SAFETY NOTE: NEVER RAISE OR LOWER AN ITEM WITH A PERSON UNDER THE OBJECT.