

GTW 18140

GTW 6-inch Double A-Arm Golf Cart Lift Kit Instruction Manual

Model: 18140 | **For:** Club Car Precedent Gas/Electric 2004-Up

1. SAFETY INFORMATION

Read all instructions thoroughly before beginning installation. Failure to follow these instructions may result in property damage, serious injury, or death. Professional installation is recommended.

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the golf cart is securely supported on jack stands on a level surface before working underneath it. Do not rely solely on a jack.
- Disconnect the battery (electric models) or spark plug wire (gas models) to prevent accidental starting.
- Keep hands and clothing clear of moving parts.
- Verify all fasteners are tightened to the manufacturer's specifications after installation and periodically thereafter.
- After installation, perform a full inspection of steering, braking, and suspension components.

2. PACKAGE CONTENTS

Verify all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact GTW customer support.



Image 2.1: All components of the GTW 6-inch Double A-Arm Golf Cart Lift Kit. This includes the main crossmember, upper and lower A-arms, spindles, U-bolts, various bolts, nuts, washers, and a small bottle of thread locker.

- Front Crossmember Assembly
- Upper A-Arms (2)
- Lower A-Arms (2)
- Extended Spindles (2)
- Rear Lift Blocks (4)
- U-Bolts (4)
- Hardware Kit (various bolts, nuts, washers, thread locker)

3. INSTALLATION INSTRUCTIONS (SETUP)

This lift kit is designed for a bolt-on application with no cutting or welding required. However, mechanical expertise is recommended.

3.1. Preparation

1. Park the golf cart on a firm, level surface.
2. Engage the parking brake.
3. Block the rear wheels to prevent movement.

4. Lift the front of the golf cart using a floor jack and support it securely with jack stands under the frame.
5. Remove the front wheels.

3.2. Front Suspension Disassembly

1. Remove the existing shock absorbers from the upper and lower mounts.
2. Disconnect the tie rod ends from the spindles.
3. Remove the brake calipers and support them to avoid stressing the brake lines.
4. Remove the cotter pins and castle nuts from the upper and lower ball joints.
5. Separate the spindles from the A-arms.
6. Remove the bolts securing the upper and lower A-arms to the frame. Retain all hardware for potential reuse or comparison.

3.3. Lift Kit Installation (Front)

1. Install the new front crossmember assembly to the frame using the provided hardware. Ensure proper orientation as shown in diagrams.
2. Attach the new upper and lower A-arms to the crossmember and frame mounts. Do not fully tighten fasteners at this stage.
3. Install the extended spindles onto the new A-arms, securing them with the provided castle nuts and cotter pins.
4. Reattach the tie rod ends to the new spindles.
5. Reinstall the brake calipers.
6. Install the shock absorbers to the new mounts on the A-arms and crossmember.
7. Tighten all front suspension fasteners to the manufacturer's recommended torque specifications.



Image 3.1: Front view of the GTW 6-inch Double A-Arm Lift Kit installed on a golf cart, showing the increased ground clearance and robust A-arm design.

3.4. Rear Lift Block Installation

1. Lift the rear of the golf cart and support it securely with jack stands under the frame.
2. Remove the rear wheels.
3. Carefully lower the rear axle assembly to allow for installation of the lift blocks.
4. Position the rear lift blocks between the leaf springs and the axle housing. Ensure the alignment pins are correctly seated.
5. Install the longer U-bolts provided with the kit, securing the leaf springs and lift blocks to the axle. Tighten nuts evenly.
6. Reinstall the rear wheels.

4. OPERATION AND POST-INSTALLATION ADJUSTMENTS

After installation, it is crucial to perform alignment and safety checks before operating the golf cart.

4.1. Alignment

The GTW 6-inch Double A-Arm Lift Kit features adjustable camber and toe. Proper alignment is essential for safe handling and tire longevity.

- **Toe Adjustment:** Adjust the tie rods to achieve the correct toe-in specification for your golf cart model. This typically involves measuring the distance between the front and rear of the tires at hub height.
- **Camber Adjustment:** The A-arm design allows for camber adjustment. Adjust the upper A-arm pivot points to achieve the desired camber angle.
- It is highly recommended to have a professional alignment performed by a qualified technician.

4.2. Test Drive

Perform a slow test drive in a safe, open area to check for proper steering, braking, and suspension function. Listen for any unusual noises.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your lift kit.

- **Greasing:** The lift kit includes pivot point grease fittings. Regularly lubricate these fittings with appropriate grease to ensure smooth operation and prevent wear.
- **Fastener Checks:** Periodically inspect all bolts, nuts, and other fasteners for tightness. Re-torque as necessary, especially after initial installation and off-road use.
- **Bushing Inspection:** Inspect the durable urethane bushings for signs of wear or damage. Replace as needed.
- **Component Inspection:** Regularly check all suspension components for bends, cracks, or other damage. Replace any compromised parts immediately.

6. TROUBLESHOOTING

This section addresses common issues that may arise after installing the lift kit.

Problem	Possible Cause	Solution
Uneven ride height	Improper installation of lift blocks or A-arms; uneven spring compression.	Re-check installation of all components. Ensure lift blocks are seated correctly. Inspect springs for damage.
Poor steering response or wandering	Incorrect toe or camber alignment; loose steering components.	Perform a professional wheel alignment. Check all steering linkages for tightness.
Excessive tire wear	Improper alignment (toe/camber); unbalanced tires.	Have a professional alignment performed. Check tire balance.
Squeaking or creaking noises	Lack of lubrication at pivot points; loose fasteners; worn bushings.	Grease all fittings. Check and tighten all fasteners. Inspect and replace worn bushings.

7. SPECIFICATIONS

- **Brand:** GTW
- **Model Number:** 18140

- **Compatible Vehicles:** Club Car Precedent Gas/Electric (2004-Up)
- **Lift Height:** 6 Inches
- **Material:** Alloy Steel
- **Finish:** High-Gloss Black Powder-Coated
- **Features:** Double A-Arm design, Adjustable Camber & Toe, Pivot Point Grease Fittings, Durable Urethane Bushings
- **UPC:** 697691937342
- **Item Weight:** Approximately 52.63 Pounds (23.93 Kilograms)
- **Package Dimensions:** Approximately 29.69 x 16.81 x 10.51 inches

8. WARRANTY AND SUPPORT

For specific warranty information regarding your GTW 6-inch Double A-Arm Golf Cart Lift Kit, please refer to the documentation included with your purchase or visit the official GTW website. For technical support or assistance with installation, contact GTW customer service directly.

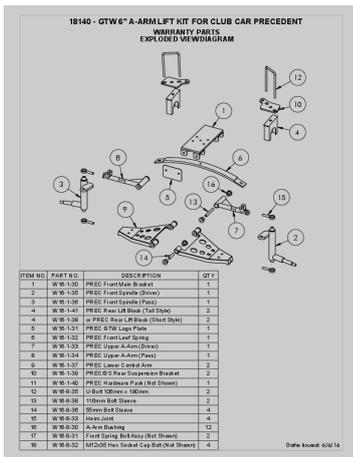
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Related Documents - 18140

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 <p>BLAUPUNKT INSTALLATION MANUAL GTW 190 A - 24V</p> <p>GTW 190 A</p>	<p>Blaupunkt GTw 190 A - 24V Active Subwoofer Installation Manual</p> <p>Comprehensive installation manual for the Blaupunkt GTw 190 A - 24V active subwoofer, covering safety precautions, features, specifications, wiring diagrams, controls, and included parts. Designed for car audio systems.</p>

 <p>EPOS</p> <p>GTW 270 Wireless earbuds</p> <p>User Guide</p>	<p>EPOS GTW 270 Wireless Earbuds User Guide - Immersive Audio & Gaming</p> <p>Explore the features and usage of the EPOS GTW 270 wireless earbuds. This guide details connectivity, audio quality, comfort, battery life, and multi-platform compatibility for an enhanced gaming and audio experience.</p>
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Documents - GTW – 18140

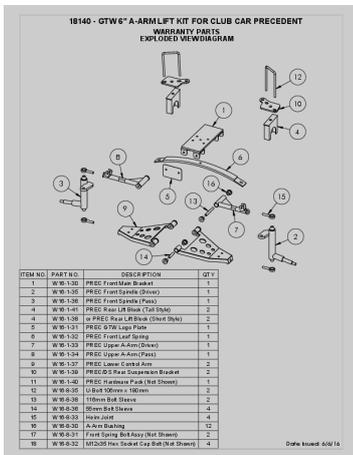


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18140 - GTW 6 A-ARM LIFT KIT FOR CLUB CAR PRECEDENT WARRANTY PARTS EXPLODED VIEW DIAGRAM 1 8 6 3 16 5 13 9 7 14 ITEM NO. PART NO. 1 W16-1-30 2 W16-1-35 3 W16-1-36 4 W16-1-41 4 W16-1-38 5 W16-1-31 6 W16-1-32 7 W16-1-33 8 W16-1-34 9 W16-1-37 10 W16-1-39 11 W16-1-40 ...

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Revised December 2015 PART# **18140** included: 6 inch a-arm lift kit WILL FIT CLUB CAR PRECEDENT installation instructions Main Suspension Assembly 2 Spindles 2 A-Arms 2 Rear Lift Blocks 2 U-Bolts 2 Rear Shock Mounting Plates WARNING: After installing this lift kit, the front wheels must be pr...

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DISCOVERY BY SILVERWOLF **4WD MINIMUM REQUIREMENTS**

KIT PART # PK-00029

THE FOLLOWING ITEMS ARE REQUIRED BEFORE THIS KIT CAN BE INSTALLED!

VEHICLE MAKE	MODEL	YEAR START	YEAR END	NOTE
CLUB CAR	PRECEDENT/ ONWARD/ TEMPO	2004	PRESENT	Will NOT fit the Club Car AC Carts.
VEHICLE CONTROLLER	CURTIS 1301/1315			
MOTOR TYPE	DC STOCK MOTOR			Does not fit the Cart with the AC Motor
6" A-ARM LIFT KIT	Allsport ASM-P6A or P6AHD Nivel Madjax GTW 6" A-Arm Lift Kit 16140 or 16-035, Nivel Jakes 7467 Redhawk Rhox Lift-563			Confirm with the Dealer or SilverWolf if your Lift Kit does not match one shown. A photo of your vehicle with the lift kit may be required.
HEAVY DUTY SOLENOID w/ PRE-CHARGE RESISTOR	Heavy Duty Solenoid & Pre-Charge Resistor w/ 400 amp Continuous.			
BATTERY	Lead Acid Lithium Ion w/ a rating of at least 100A Continuous Discharge 100A Maximum Discharge 200A (100 seconds)			The Batteries can not have a Nominal state of over 72% In New or Good condition
WHEELS/RIMS	12" or bigger Steel or Aluminum Rims with Center of 4-3 Offset.			Most standard 12" Rims are 3-4 Offset 10.5" Tires may rub on some vehicles
TIRES	23" or smaller Tires with a 10" or smaller width.			10.5" Tires may rub on some vehicles

The Cart MUST BE in working condition and all components / wiring MUST BE stock OEM components before installing the DISCOVERY 4WD kit. If the Cart has been modified or not working properly this MUST BE repaired before ordering this kit.

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Click here for detailsDiscovery 4WD Electric Motor Kit by Sliverwolf Club Car Precedent — GOLFCARTSTUFF COM™SW Discovery Minimum Requirements CC V01cdn shopify s files 1 0756 6913 SW V01 v 1711640534 detailsDownloadDiscovery COM™Product Resources SilverWolfSW V01SW 1711640534cdn 0823 5653 5591 1701806278 ||| ||| 4WD MINIMUM REQUIREMENTS KIT PART # PK-00029 THE FOLLOWING ITEMS ARE REQUIRED BEFORE THIS KIT CAN BE INSTALLED VEHICLE MAKE MODEL YEAR START YEAR END NOTE CLUB CAR PRECEDENT/ ONWARD/ TEMPO 2004 PRESENT Will NOT fit the Club Car AC Carts. R 4WD MINIMUM REQUIREMENTS KIT PART # PK-00029 THE FOLLOWING ITEMS ARE REQUIRED BEFORE THIS KIT CAN ... with the AC Motor 6 A-ARM LIFT KIT Allsport ASM-P6A or P6AHD Nivel Madjax GTW 6 A-Arm Lift Kit **18140** or 16-035, Nivel Jakes 7467 RedHawk Rhox Lift-563 Confirm with the Dealer or SilverWolf if yo...

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Driver & Vehicle Standards Agency

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HGV inspection manual October 2015 update DVSA 5fbb2683533fc8a573ce20e 2013 Heavy Goods Vehicle Inspection Manual assets global website files 5fbb2683533fc229c3cdded ||| Heavy Goods Vehicle Inspection Manual consolidated edition 2013 Safety Standards Service Section N ... 20 12090 12470 12840 13210 13580 13950 14420 13950 14420 14880 15350 15810 16280 16740 17210 17670 **18140** 18600 19160 19720 20280 20840 21580 22320 22880 23440 24180 24930 25670 26420 27160 27900 2883... lang:en score:13 filesize: 5.82 M page_count: 212 document date: 2015-08-12

CURT CURT Manufacturing Marketing Bulletin #1409

New Releases

Part #	Part Name	Part Description	Part Status	Part Price	Part Weight	Part Length	Part Width	Part Height	Part Material	Part Color	Part Finish	Part Notes
18108	Class 3 Hitch	Class 3 Hitch	Discontinued									Class 3 hitch 13173 will not fit the GL450 or GL550 1 11379 FR S RS model newoem co jp ganko
18120	Cargo Carrier	Cargo Carrier	Continued									While Supplies Last CWSL and replaced by #18108. Cargo carrier # 18140 is now Continued While Supplies Last CWSL and replaced by #18110. Class 2 hitch #12115 will ...

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Marketing Bulletin Sept 2014 xls nscott Bike rack 18025 is now Discontinued Class 3 hitch 13173 will not fit the GL450 or GL550 1 11379 FR S RS model newoem co jp ganko ||| CURT Manufacturing Marketing Bulletin #1409 October 2, 2014 New Releases Part# Years Make 1 1/4 ... o carrier #18120 is now Continued While Supplies Last CWSL and replaced by #18108. Cargo carrier #**18140** is now Continued While Supplies Last CWSL and replaced by #18110. Class 2 hitch #12115 will ... lang:en score:12 filesize: 30.21 K page_count: 4 document date: 2014-10-02

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