

Mountain Performance, Inc.

801 619-1569
12379 South 265 West, Unit B
Draper, UT 84020

Lightweight A-ARM Kits

Contents:

Qty	P/N	Desc
2	hfam-0xx1	Upper A-Arm (xx=38 for 38", xx=41 for 41" and xx=42 for 42")
1	hfam-0xx2	Lower Left A-Arm (xx=38 for 38", xx=41 for 41" and xx=42 for 42")
1	hfam-0xx3	Lower Right A-Arm (xx=38 for 38", xx=41 for 41" and xx=42 for 42")
2	hmf-1090	10mm x 90mm x 1.25 14mm Hex Head Bolt
2	hmg-1100	12mm x 100mm x 1.25 17mm Hex Head Bolt
2	hmf-3120	10mm x 120mm x 1.50 17mm Hex Head Bolt
2	hmf-8315	10mm x 1.50 17mm Hex NyLock Nut
4	fbs-0311	Upper A-Arm Bushings
4	fbs-0312	Lower A-Arm Bushings

Installation (Read Completely Before Beginning):

1. USE BLUE (or red) Loctite ON ALL NUTS AND BOLTS DURING RE-ASSEMBLY

- Elevate front of sled.
- Remove Front Cover (Belly Pan) (Phillips Head Screws).
- Disconnect Spindle Housing from Stock Upper and Lower A-Arms. (The tie rod end can be disconnected from the Steering Arm; this will allow the spindle / ski assembly to be completely disconnected from the sled).
- Disconnect the Sway Bar Link from the Stock Lower A-Arm.
- Disconnect Shock from the lower Stock A-Arm.
- Remove Upper and Lower Stock A-Arms. **Note placement of all Bushings, Spacers, Etc.**
- GREASE ALL COLLARS & BUSHINGS USING ESSO beacon 325 Grease or Aeroshell #7A Grease.
- Install New Upper and Lower A-Arms into Chassis using original Nuts, Bolts, Spacers & Washers. The new A-Arms will use Supplied Bushings in the Arm itself. Reuse OEM bushings in Bulkhead. Torque Upper & Lower Bulkhead Bolts to 27ft-lbs.
- Reinstall Shock Using OEM Bushings / collars. Use supplied 10mm x 120mm Bolt & Nylock. Torque to 30 ft-lbs.
- Reinstall the Sway Bar Link to the New Lower A-Arm using OEM hardware. Torque to 25 ft-lbs.
- Connect the Spindle Housing to the New Upper and Lower A-Arms. Use OEM Collars, Spacers, etc and NUTS. Use New Bolts Supplied. Torque Upper to 29 ft-lbs and Lower to 47 ft-lbs.
- Reconnect Tie Rod Ends if removed.
- Check Ski Alignment.
- Reinstall Front Cover.
- Grease spindle tubes until grease just comes out either end of spindle tube.

THIS INFORMATION ASSUMES THAT NO OTHER MODIFICATIONS HAVE BEEN MADE TO THE SNOWMOBILE'S STEERING SYSTEM.

THESE LIGHTWEIGHT COMPONENTS ARE DESIGNED TO SAVE WEIGHT. THEY MAY NOT BE AS DURABLE AS STOCK; USE CAUTION WHEN POUNDING BUMPS, JUMPING, ETC.

COMPONENTS ARE GUARANTEED FOR WORKMANSHIP ONLY, BENDING / BREAKAGE IS EXPRESSLY NOT COVERED BY ANY WARRANTY.

Warning: This product may alter the handling of the machine. Use at own your risk.

Note: Use and/or installation of this product may void your manufacture's warranty.

Warranties

- 1) This product is sold without any warranty of any kind, either expressed or implied, including warranty of merchantability or of fitness for any particular purpose. It is the purchaser's responsibility to determine that the application of the Product is within the limits of their purpose.
- 2) The installation and use of this Product requires technical and mechanical skill. Because of the custom nature, racing type abuse, and the limitless application variables that the Product is subject to, The Manufacture shall not be responsible for any damage of any nature including, but not limited to, consequential and incidental damages as a result of the use of this Product or any parts that the Product may affect, Failure due to improper assembly, modification of parts or instructions, weather conditions, neglect, abuse, accident, and/or, normal wear, including failure reasonable and necessary maintenance or applications not included within the scope of the Manufacturer's research and development.
- 3) The purchaser is reminded that snowmobiling and racing are dangerous sports and parts are subject to failure when exposed to the high stresses involved. The Manufacture will not be held liable for any injuries incurred as a result of the use of the Product or any parts the Product may affect. The purchaser and user assumes any and all risk.
- 4) The Manufacturer reserves the right to change Product specifications without notice. Updates and continuing research and development to the Product do not constitute warranty.
- 5) This warranty disclaimer shall be construed in accordance with the laws of the state of Utah.

Damaged Merchandise

Before we ship, products are inspected for damage and repacked to make sure they arrive at your door safely. Claims for damage during shipment must be made by you to the delivering carrier within 48 hours of receipt/delivery. Also notify us of the problem and we will make arrangements to replace the damaged item.

Legal Disclaimer

Seller hereby expressly disclaims all warranties either expressed or implied warranty of merchantability or fitness for a particular purpose. This disclaimer by the seller in no way affects the terms of the manufacturer's warranty, if any. Title to goods herein being purchased is retained by the seller until goods are paid for by the purchaser and at that time title passes to the purchaser. If goods herein being purchased are being purchased for purposes of export, purchaser must obtain from the federal government certain export documentation before shipping to a foreign country. In addition, manufacturers' warranties for exported goods may vary or even be null and void. If you have questions, please inquire. Any and all liability is only for the products purchased.

Scope of this Agreement:

This agreement covers all materials in which the customer may hereafter acquire at any time from the supplier. This contract constitutes the entire agreement with the supplier. No waivers or modifications shall be valid unless the same are in writing and executed by the parties thereto. This contract shall apply and accrue to the benefit of -- and be binding upon -- the heirs, executors, administrators, successors, and assigns of the respective parties.

Litigation:

In the event of litigation arising out of either this agreement or any consumer-purchase at Mountain Performance, Inc., Mountain Performance shall be entitled to reasonable costs and expenses incurred pursuant to the aforementioned litigation including, but not limited to, attorney's fees. All litigation, disputes, conflict of laws, and etcetera, arising out of any purchase transaction with Mountain Performance, Inc. shall be governed by the laws of the State of Utah and shall be litigated within the forum of the State of Utah.

Receipt and Acceptance of Agreement:

Acceptance of goods from Mountain Performance, Inc. manifests the customer's acknowledgment of receipt and acceptance of this agreement and its execution at time of purchase.