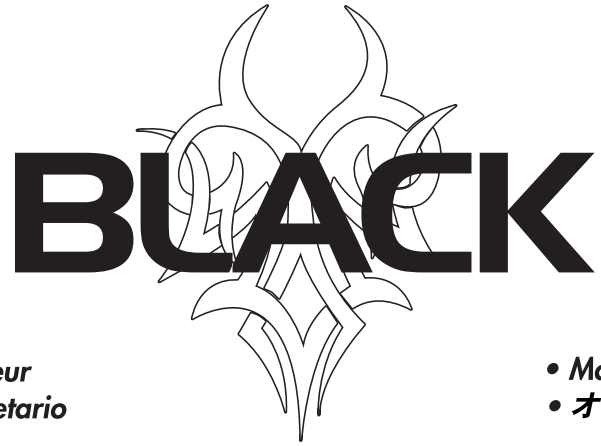
• ENGLISH

MANITOU

02 OWNER'S MANUAL



• *Betriebsanleitung*
• *Manual del usuario*
• *Manuel de l'utilisateur*
• *Manuale del proprietario*

• *Handleiding*
• *Manual do proprietário*
• *オーナーズマニュアル*

COMP 80/100 ELITE 80/100 ELITE 100/120 ELITE AIR SUPER AIR

P/N 042035 REV.A

answer products incorporated

28209 Avenue Stanford, Valencia, California 91355-3984 • 661 257 4411 • fax 661 294 4179

AMERICAN MADE MANITOU SUSPENSION FORKS

CONGRATULATIONS ON CHOOSING THE LATEST IN SUSPENSION TECHNOLOGY AVAILABLE, A 2002 MANITOU BLACK BUILT IN THE USA.
This Black fork is fully assembled and ready to be installed onto your bicycle. It comes equipped with a 1-1/8-inch threadless steerer tube and is available with a V-brake-style hangerless arch. It is also available in a disc brake only version. A handlebar-mounted reflector must be used for on-road use, which is not included with your fork.

2002 MANITOU BLACK FORK LINE

BLACK COMP 80/100.....80/100 MM EXTERNALLY ADJUSTABLE RAPID TRAVEL ADJUST / COIL SPRING / FLUID FLOW DAMPING / SINGLE CROWN

BLACK ELITE 80/100.....80/100 MM EXTERNALLY ADJUSTABLE RAPID TRAVEL ADJUST / COIL SPRING / TPC DAMPING / HOLLOW CROWN

BLACK ELITE 100/120 ....100/120 MM EXTERNALLY ADJUSTABLE RAPID TRAVEL ADJUST / COIL SPRING / TPC DAMPING / HOLLOW CROWN

BLACK ELITE AIR .....80 MM TRAVEL / AIR-COIL SPRING / TPC DAMPING / HOLLOW CROWN

BLACK SUPER AIR.....100/120 MM CONVERTIBLE TRAVEL / AIR-COIL SPRING / TPC DAMPING WITH LOCK OUT / HOLLOW CROWN

You can also download this manual at www.answerproducts.com.

⚠ GENERAL WARNING **BICYCLING IS A HAZARDOUS ACTIVITY THAT REQUIRES THAT THE RIDER STAY IN CONTROL OF HIS OR HER BICYCLE AT ALL TIMES. READING THIS MANUAL ENTIRELY AND PROPERLY MAINTAINING YOUR BICYCLE AND SUSPENSION FORK WILL REDUCE THE POSSIBILITY OF INJURY OR POSSIBLE DEATH. PRIOR TO RIDING YOUR BICYCLE, YOU SHOULD INSPECT YOUR SUSPENSION FORK TO ENSURE THAT NO DAMAGE HAS OCCURRED DURING THE COURSE OF RIDING. DO NOT RIDE YOUR BICYCLE IF THE FORK SHOWS ANY SIGNS OF BENDING, CRACKING, CREAKING, LEAKING, OR IF IT IS MISSING ANY OF THE ORIGINALLY SUPPLIED COMPONENTS. ANY FALL FROM YOUR BICYCLE CAN RESULT IN SERIOUS INJURY OR EVEN DEATH. FOLLOWING THESE INSTRUCTIONS CAN HELP YOU REDUCE THE RISK OF BEING INJURED. IF YOU ARE A MODERATE OR AGGRESSIVE OFF-ROAD RIDER, OR RIDE AT LEAST THREE TIMES A WEEK OVER ROUGH TERRAIN, ANSWER RECOMMENDS RETURNING YOUR SUSPENSION FORK EVERY 2 YEARS FOR A THOROUGH INSPECTION AND UPDATE. TAKE YOUR FORK TO A MANITOU AUTHORIZED DEALER WHO CAN ARRANGE FOR SHIPMENT TO ANSWER PRODUCTS, OR YOU MAY CALL ANSWER TO HAVE YOUR FORK SHIPPED DIRECTLY AT (661) 257-4411.**

IMPORTANT: **The Manitou Black fork is an off-road fork, and as such, does not come with proper reflectors for on-road use. Have your dealer or mechanic install proper reflectors to meet the Consumer Product Safety Commission's (C.P.S.C.) Requirements for Bicycles if the fork is going to be used on public roads at any time. If you have questions regarding C.P.S.C. Standards contact your dealer.**

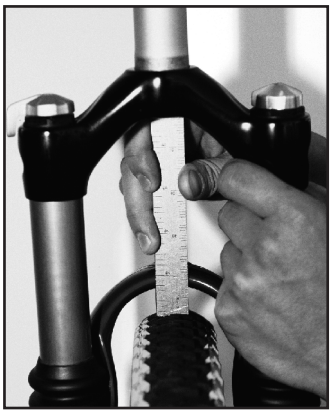
CONSUMER SAFETY INFORMATION

1. Never remove or have the steerer tube or stanchions removed from the crown. The steerer tube and stanchions (inner legs) are press fit at the factory. Press fit inner legs have a higher performance versus bolt-in inner legs, but cannot be pressed out. Pressing them out will permanently damage the crown beyond repair and render it unsafe for any continued use.
2. Never attempt to thread a threadless steerer tube. Cutting threads will weaken the steerer tube and cause an unsafe condition. The only safe thing to do is to obtain the proper crown/steerer from your dealer, or contact Answer Warranty Department at (661) 257-4411.
3. Any other alteration or modification to your fork should be considered unsafe. Contact Answer Warranty Department prior to modifying your fork in any way for safety information.
4. Do not use the Black fork if any parts are broken, bent, cracked, or you suspect may be damaged. Contact your dealer or Answer Warranty Department at (661) 257-4411 if you have any questions concerning the integrity or condition of your fork.
5. Answer Products recommends that you periodically inspect your fork for wear and damage. Inspect the crown, inner legs, outer legs, dropout and brake arch areas for cracks or damage.

WARRANTY INFORMATION

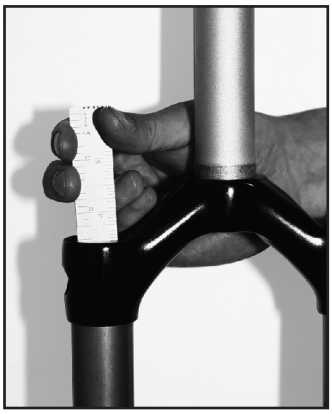
Any Answer Products fork found by the factory to be defective in materials and/or workmanship within one year from the date of purchase will be repaired or replaced at the option of the manufacturer, free of charge, when received at the factory, freight prepaid. This warranty does not cover breakage, bending, or damage that may result from crashes or falls. This warranty does not cover any fork that has been subject to misuse or whose serial number has been altered, defaced or removed. This warranty does not cover paint damage. Any modifications made by the user will render the warranty null and void. This warranty is expressly in lieu of all other warranties, and any implied are limited in duration to the same duration as the expressed warranty herein. Answer Products shall not be liable for any incidental or consequential damages.

If for any reason warranty work is necessary, return the fork with original purchase receipt to the place of purchase. At that time, instructions for repair, return, or replacement shall be given. Customers in countries other than USA should contact their dealer or local distributor.



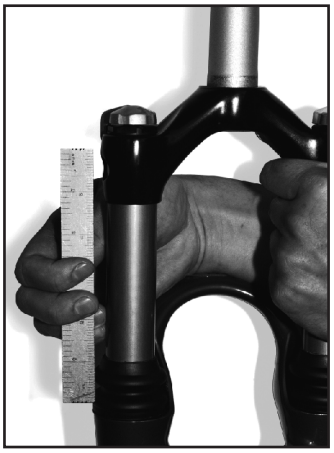
1

Tire clearance
Reifenabstand
Espacio libre de la cubierta
Distance arceau/pneu
Spazio libero del pneumatico
Bandspeling
Folga do pneu
タイヤクリアランス



2

Checking Oil Level
Kontrolle des Ölstandes
Verificación del nivel de aceite
Vérification du niveau d'huile
Controllo del livello dell'olio
Oliepeil controleren
Verificação do nível de óleo
オイル量のチェック



3

Travel Measurement
Messung der Auslenkung
Cómo medir el recorrido
Mesure de la course
Misurazione della corsa
Meting van loop
Medição do curso
トラベル量の測定

INSTALLATION INSTRUCTIONS

Ensure that the proper steerer tube has been delivered on your Black fork first. The steerer tube may need to be cut to length to fit your bicycle head tube. If you are not familiar with this procedure, or do not have the proper tools to cut the steerer tube, it is recommended that you seek a dealer with a qualified bicycle mechanic to perform installation.

⚠ WARNING THE STEERER TUBE AND STANCHIONS (INNER LEGS) ARE A ONE-TIME PRECISION PRESS FIT AT THE FACTORY AND CANNOT BE REMOVED FROM THE CROWN. REPLACEMENT OF THE ENTIRE CROWN/STEERER ASSEMBLY MUST BE DONE TO CHANGE STEERER TUBE LENGTHS OR DIAMETERS. REMOVING AND REPLACING THE STEERER TUBE OR STANCHIONS WILL RESULT IN AN UNSAFE CONDITION AND SHOULD NEVER BE DONE.

BREAK-IN

Your new fork is designed to break in during your first few rides (about 20 hours total riding time). Prior to break-in, you may notice your fork feels tight and slightly notchy. Following the break-in period, your fork will feel much smoother and will react to bumps much better than when you first put it on your bike. After 20 hours, you may want to recheck your compression, rebound and preload adjustments (when applicable) to fine tune the fork completely. Between services on your Manitou fork, all you must do is lubricate your fork as needed with Manitou Prep M (part number 85-3810 for the lube and 85-3812 for the gun) via the Microlube lubrication ports located on the back of the fork legs.

FORK INSTALLATION

1. Remove the old fork from your bicycle.
2. Measure and cut the steerer tube to fit your bicycle head tube. You can use your old fork as a guide for cutting the steerer tube length.
3. Remove the headset crown race from the old fork and press onto the Black fork steerer until the race is seated over the crown.
4. Clean and grease the headset bearings and races.
5. Install the lower bearings (if applicable) on fork crown race.
6. Insert the steerer tube into the head tube of the frame.
7. Install the upper bearings, stem spacers, and stem.
8. Install the stem cap and bolt. Tighten the bolt to headset manufacturer's specifications.
9. Install the handlebars and the torque stem pinch screws or stem clamping system to manufacturer's specifications.
10. Install the brakes and adjust per the manufacturer's instructions.
11. For all Black forks, adjust the front wheel quick release to clear the 0.275" (7 mm) thick secondary catch dropout. The quick release must be tightened after it is properly seated into the dropout counter bores to manufacturer's specifications. Ensure that there is adequate thread engagement (4 or more threads with the release adjusted to lock).
12. Install the brake cable per manufacturer's instructions.

NOTE: 2002 Black forks are equipped with a secondary catch dropout to retain the wheel in the fork in the event the quick release comes loose.

WARNING WHEN INSTALLING THE WHEEL OR A NEW TIRE, CHECK TO MAKE SURE THE FORK ACHIEVES MINIMUM TIRE CLEARANCE. MEASURE FROM THE HIGHEST POINT ON THE TIRE TO THE BOTTOM OF THE BRAKE ARCH. THIS MEASUREMENT SHOULD BE AT LEAST 9 MM FOR ALL BLACK FORKS (SEE FIGURE 1).

IMPORTANT: The Black fork should not be used if any parts appear to be or are damaged. Contact your local dealer or Answer Products for replacement parts.

MAINTENANCE

IMPORTANT: Use of fork boots is required to keep your Black fork performing well and the warranty in effect. Use of this fork without boots will shorten the life of the fork, decrease the time between maintenance intervals, reduce the performance and void the warranty. The only exception is a fork that is sold by Answer Products from the factory without boots.

Your Black fork requires periodic maintenance, cleaning and inspection. This is because moisture and contamination may build up inside the fork depending on the severity of riding conditions. To maintain top performance, it is recommended that the fork be periodically disassembled, cleaned, dried and re-lubricated using the Microlube lubricant ports located on the back of each outer leg. You can download service and tuning instructions on the web at www.answerproducts.com.

IMPORTANT: When lubricating the fork through the ports, it is important to note the lubricant is being forced between the upper and lower bushings. If the area is overfilled, the lubricant may force the upper bushing and dust seal out. You should only insert lubricant to the level at which stiction is no longer felt.

IMPORTANT: Before every ride you should:
1. **Ensure that quick release skewers are properly adjusted and tight.**
2. **Wipe the inner legs and clean and check entire fork for any obvious damage.**
3. **Check the headset for proper adjustment.**
4. **Ensure that the front brake cable is properly routed and check brake adjustment.**

CHECKING OIL LEVEL

IMPORTANT: Setting the proper oil level in your TPC or FFD equipped fork is critical. TPC or FFD is located in the right leg of your Black fork. Not enough oil will allow foaming and reduce the performance. Too much oil will restrict travel and may cause damage to the system and create an unsafe riding condition. Finish reading this entire section prior to altering the oil level.

To check the oil level, remove the compression assembly located in the top of the right leg (as you are looking at the fork from the rider's position). Leave the left side spring stack in place to keep the fork fully extended. Use a tape measure or "dip stick" to measure from the top of the fork crown down to where the oil sits (see figure 2). The oil level should be per the following table.

FORK MODEL	OIL LEVEL
BLACK COMP 80/100	106-116 mm (4.2-4.6") in 100 mm travel mode
BLACK ELITE 80/100	117-127 mm (4.6-5.0") in 100 mm travel mode
BLACK ELITE 100/120	117-127 mm (4.6-5.0") in 120 mm travel mode
BLACK ELITE 100/120 (LOCK OUT)	99-104 mm (3.9-4.1") in 120 mm travel mode
BLACK ELITE AIR 80	117-127 mm (4.6-5.0")
BLACK SUPER AIR 100	111-121 mm (4.4-4.8")
BLACK SUPER AIR 100 (LOCK OUT)	91-96 mm (3.6-3.8")
BLACK SUPER AIR 120	117-127 mm (4.6-5.0")
BLACK SUPER AIR 120 (LOCK OUT)	99-104 mm (3.9-4.1")

NOTE: Use Maxima suspension SAE 5WT fork oil only.

NOTE: Check air fork oil level with air pressure at 120 psi.

When installing the knob on the adjustable compression assembly, rotate the hex shaft completely counterclockwise prior to installing the knob. Install the knob with the pointer pointing to the back of the fork.

If you have any questions regarding your 2002 Manitou Black suspension fork, contact the Answer Warranty Department at (661) 257-4411. You can also log on to www.answerproducts.com and download this manual or see detailed instructions on how to service your suspension fork.

Thank you again for choosing a 2002 Manitou Black suspension fork.

DEALER SERVICE ADDENDUM

This section is designed to help a qualified bicycle mechanic tune and maintain your Manitou suspension fork.

MEASURING SAG You'll need a tape measure, a pencil, a piece of paper and a helper.
1. Measure the distance from the front axle's centerline to the bottom of the upper crown when no one's sitting on the bike and write this distance down. Remember the exact locations of the two points because you'll need to use them later.
2. Have the rider sit on the bike and measure the distance between the same two points as in step one. It's important to be in the normal riding position (weight centered) with your feet on the pedals.
3. Subtract the second measurement from the first. The resulting measurement is the static sag.

SAG MEASUREMENT CHART

Fork Travel	Sag
80 mm	12-16 mm
100 mm	18-24 mm
120 mm	25-28 mm

TRAVEL MEASUREMENT To determine which travel your Black fork is in, simply measure the distance from the top of the seal area on the lowers (or the bottom of the fork boot) to the bottom of the crown (see figure 3).

Fork Travel	Seal-to-Crown Measurement
80 mm	Around 4 inches or 101 mm
100 mm	Around 4.8 inches or 121 mm
120 mm	Around 5.6 inches or 141 mm

RIDE KITS

BLACK COMP/ELITE 80/100

Rider Weight	Recommended Spring Kit	Part #
100-150 lbs	Soft ride kit	85-4843
150-170 lbs	Medium ride kit	85-4844
170-190 lbs	Firm ride kit	85-4845
190-215 lbs	Extra firm ride kit	85-4846

BLACK ELITE 100/120

Rider Weight	Recommended Spring Kit	Part #
100-150 lbs	Soft ride kit	85-4859
150-170 lbs	Medium ride kit	85-4860
170-190 lbs	Firm ride kit	85-4861
190-215 lbs	Extra firm ride kit	85-4862

BLACK ELITE AIR

Rider Weight	Recommended Spring Kit	Part #
100-150 lbs	Soft ride kit	85-4851
150-190 lbs	Medium ride kit	85-4926
190-215 lbs	Firm ride kit	85-4856

*Air pressure setting should equal 75% of body weight

BLACK SUPER AIR

Rider Weight	Recommended Spring Kit	Part #
100-150 lbs	Soft ride kit	85-4865
150-190 lbs	Medium ride kit	85-4833
190-215 lbs	Firm ride kit	85-4871

* Air pressure setting should equal 75% of body weight in 100 mm travel setting.
* Air pressure setting should equal 50% of body weight in 120 mm travel setting.
* Maximum air pressure is 190 psi.

NOTE: In forks with the Rapid Travel Adjust feature, the preload should be adjusted when the fork is in the longer travel position (for example, 120 mm for the 100/120 mm fork).

CHANGING COIL SPRINGS – BLACK COMP 80/100, BLACK ELITE 80/100, BLACK ELITE 100/120

1. Start by removing the preload adjuster by unscrewing the cap from the top of the crown/leg assembly. A 1-1/16" socket may be necessary. Remember: The springs are housed only in the left leg on 2002 Manitou suspension forks (as you are looking at the fork from the rider's perspective).
2. With the adjuster assembly removed, the spring stack is now accessible.
3. Select the appropriate coil spring for your weight and riding style (refer to the above spring chart for recommended rates).
4. Apply a liberal amount of grease to the outside surface of the new coil spring. We recommend any thick grease (not light lubricants like Prep M). Install the new spring stack.
5. Reinstall the preload adjuster assembly, taking care not to cross-thread the cap. It should thread in by hand and does not need to be tightened with a wrench (finger-snug is recommended).

CHANGING COIL SPRINGS – AIR FORKS BLACK ELITE AIR, BLACK SUPER AIR

1. Start by unthreading the air cap on top of the left fork leg and removing the fork's air pressure via the Schraeder valve.
2. Next, from the bottom of the casting remove the 2 mm cap screws and caps, the 11 mm open end bolt and 8 mm hex bolt (turn to the right to loosen). Once you do this, you will be able to pull the lowers away from the uppers.
3. On the left leg (as seen from the rider's perspective), remove the 15/16-inch cap from the bottom of the leg. Remove the entire assembly by pulling the rod lightly. At this point, you will see the coil spring.
4. Select the appropriate coil spring for your weight and riding style (refer to the above spring chart for recommended rates).
5. Apply a liberal amount of grease to the outside surface of the new coil spring. We recommend any thick grease (not light lubricants like Prep M). Install the new spring.
6. Reinstall the assembly into the left leg of the fork, taking care not to cross-thread the cap. It should thread in by hand and should only be snug tightened.
7. Reinstall the lowers with the 11 mm and 8 mm bolts and tighten. You may have trouble getting the 8 mm bolt to catch the threads. If this occurs, remove the lowers, pull the rebound damping rod down again, and reinstall the casting. You should be able to now install the 8 mm bolt.

CHANGING AIR SPRING PRESSURE – BLACK ELITE AIR, BLACK SUPER AIR All you need to change the air pressure is a high-pressure Manitou (Part #85-4069) or other shock pump. Remove the air cap located on the top of the left leg and then inflate the fork with the desired pressure. Be aware that sometimes air systems lose a small amount of pressure when the pump is removed, so you may want to check exactly how much your pump loses by reinstalling it after you have set and checked the pressure.

COMPRESSION DAMPING ADJUSTMENT – QUICK RANGE TPC For Quick Range TPC forks, a simple turn of the knob located on top of the right leg is all that is needed. Turning the knob clockwise (as you are looking from a rider's position) increases compression damping, while turning the counterclockwise decreases compression damping.
Black Elite 80/100, Black Elite 100/120 and Black Elite Air only.

ADJUSTING COMPRESSION DAMPING WITH A LOCK OUT The Lock Out on the Black Super Air is simply an on-off switch for your fork. To adjust compression damping, do the following: Remove the compression assembly located in the right leg. On the lower piston of the lockout assembly is a small set screw. Turn this in or out to increase or decrease compression damping respectively. Note: a half turn makes a lot of difference, so make small and incremental changes to the set screw.
Black Super Air only.

REBOUND DAMPING ADJUSTMENT – QUICK RANGE TPC and FLUID FLOW DAMPING (FFD) Rebound adjusters on Manitou forks are located on the bottom of the right fork leg. Turning the knob clockwise (as you are looking at the fork from the bottom) increases rebound damping, while turning the knob counterclockwise decreases rebound damping.
Fluid Flow Damping: Black Comp 80/100
Quick Range TPC: Black Elite 80/100, Black Elite 100/120, Black Elite Air, and Black Super Air

RAPID TRAVEL ADJUST To change the travel with Rapid Travel Adjust, just turn the knob located at the bottom of the left leg to the 80/100 or 100/120 position as shown on the sticker. Compressing the fork slightly is required to release or lock the fork into a different travel position.
Black Comp 80/100, Black Elite 80/100 and Black Elite 100/120 only.

AIR PISTON LUBRICATION For proper function of your fork, it's essential to have a small amount of lubricating oil on top of the air piston in your Black Elite Air or Black Super Air fork. To check this, remove the air cap on the left side of the fork (as seen from the rider's perspective) by simply unthreading it counterclockwise. Release the air pressure from the fork and then use a 20 mm hex wrench to remove the aluminum Schraeder valve. Once you have done this, you can see the top of the air piston and determine if there is a small amount of oil sitting on top of the air piston. If this oil is no longer visible, pour 3cc of 20W-50 weight motor oil directly into the open fork leg, After this, reinstall the Schraeder valve and the valve cover.

TRAVEL ADJUST KITS FOR BLACK SUPER AIR Travel Adjustment Kits for Black Super Air 100/120 are available free from Answer Products. There is a shipping charge of $6 in the US and $15 for International orders.
Travel Adjust Assembly 100 to 120 Part #85-4922
Travel Adjust Assembly 120 to 100 Part #85-4923

MICROLUBE All you need is a Microlube lubricant gun (Part #85-3812) and Manitou's Prep M (Part #85-3810) suspension fork lubricant. Brush any dirt from the lubrication ports, insert the gun into the small fitting located at the back of the fork and squeeze a few times. Continue injecting Prep M and push the fork up and down until stiction is eliminated.

MINI BOOT LUBRICATION 2002 Black forks come equipped with mini boots equipped with a foam lubricating ring inside the top bellow of the boot. Occasionally you will need to relubricate this ring. The best way to do this is turn your bicycle upside down, pull the boots away from the seal and drip a small amount of 20W-50 motor oil down into the boot where the lubricating ring is situated. It's only essential to moisten this ring, so don't over do it.

MAINTENANCE AND SERVICE When servicing the fork, take the time to inspect all parts for excessive wear or damage. There are basically four aspects of a fork that will require attention: the stanchions (inner legs), the bushings in the outer legs, the spring stack and the damping fluid. Inspecting any of these parts requires disassembly of the fork. Pay close attention to the bushings, which can be damaged by contamination in severe conditions. Replace any worn or damaged parts that are discovered.

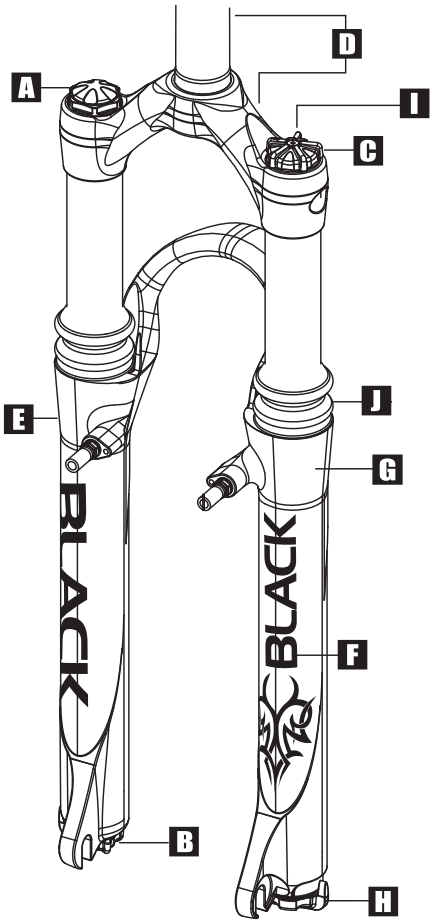
SERVICE SCHEDULE Suggested Service for Manitou Forks

NORMAL CONDITIONS – Short/Infrequent Rides
- Lube fork as needed with Prep M via Microlube lubrication ports.
- Disassemble, clean and lubricate fork every 4-5 months.
- Grease spring stack as needed.
- Service TPC and FFD by changing fork fluid every year.

NORMAL CONDITIONS – Long/Frequent Rides
- Lube fork as needed with Prep M via Microlube lubrication ports.
- Disassemble, clean and lubricate fork every 10-14 weeks.
- Grease spring stack as needed.
- Service TPC and FFD by changing fork fluid every 6 months.

SEVERE CONDITIONS (MUD, RAIN, SNOW, EXTREME DUST) – Short/Infrequent Rides
- Lube fork as needed with Prep M via Microlube lubrication ports.
- Disassemble, clean and lubricate fork every 6-8 weeks.
- Grease spring stack as needed.
- Service TPC and FFD by changing fork fluid every year.

SEVERE CONDITIONS (MUD, RAIN, SNOW, EXTREME DUST) – Long/Frequent Rides
- Lube fork as needed with Prep M via Microlube lubrication ports.
- Disassemble, clean and lubricate fork every 4-6 weeks.
- Grease spring stack as needed.
- Service TPC and FFD by changing fork fluid every 6 months.



SERVICE PARTS KITS

Black Comp 80/100

A	Compression Damping Assembly	85-4835
B	Rebound Damping Assembly	85-4836
C	Preload Adjuster Assembly	85-4837
D	Crown/Steerer Tube Assembly	85-4838
E	Outer Casting Assembly	85-4840
F	Sticker Kit, Silver	85-4841
	Black	85-4842
G	Ride Kit Assembly, Soft	85-4843
	Medium	85-4844
	Firm	85-4845
	X-Firm	85-4846
H	Travel Adjust Assembly	85-4847
I	Knob Kit	85-4848
J	Boot Kit	85-4832

Black Elite 80/100

A	Compression Damping Assembly	85-4849
B	Rebound Damping Assembly	85-4850
C	Preload Adjuster Assembly	85-4837
D	Crown/Steerer Tube Assembly	85-4852
E	Outer Casting Assembly	85-4853
F	Sticker Kit, Silver	85-4841
	Black	85-4842
G	Ride Kit Assembly, Soft	85-4843
	Medium	85-4844
	Firm	85-4845
	X-Firm	85-4846
H	Travel Adjust Assembly	85-4847
I	Knob Kit	85-4848
J	Boot Kit	85-4832

Black Elite 100/120

A	Compression Damping Assembly	85-4855
B	Rebound Damping Assembly	85-4850
C	Preload Adjuster Assembly	85-4837
D	Crown/Steerer Tube Assembly	85-4857
E	Outer Casting Assembly	85-4858
F	Sticker Kit, Silver	85-4841
	Black	85-4842
G	Ride Kit Assembly, Soft	85-4859
	Medium	85-4860
	Firm	85-4861
	X-Firm	85-4862
H	Travel Adjust Assembly	85-4863
I	Knob Kit	85-4848
J	Boot Kit	85-4832

Black Elite Air

A	Compression Damping Assembly	85-4849
B	Rebound Damping Assembly	85-4864
D	Crown/Steerer Tube Assembly	85-4866
E	Outer Casting Assembly	85-4867
F	Sticker Kit, Silver	85-4841
	Black	85-4842
G	Ride Kit Assembly, Soft Coil	85-4851
	Medium Coil	85-4926
	Firm Coil	85-4856
I	Knob Kit	85-4868
J	Boot Kit	85-4832

Black Super Air

A	Compression Damping Assembly	85-4869
B	Rebound Damping Assembly	85-4870
D	Crown/Steerer Tube Assembly	85-4872
E	Outer Casting Assembly, Black	85-4873
	Candy Red	85-4874
F	Sticker Kit, Silver	85-4841
	Black	85-4842
G	Ride Kit Assembly, Soft Coil	85-4865
	Firm Coil	85-4871
H	Travel Adjust Assembly, 100 to 120 mm	85-4922
	120 to 100 mm	85-4923
I	Knob Kit	85-4868
J	Boot Kit	85-4832

SPECIAL OFFERS

Buy Prep M lubricant directly from Answer Products at a special introductory price for new purchasers of Manitou forks or Manitou equipped bikes.

Prep M Grease Gun & Tube: $19.95

International orders add a $15 handling charge, credit card only.
Shipping and handling in the US included in the $19.95 price.

Free Travel Adjustment Kits for Black Super Air 100/120 are available from Answer Products.

There is a shipping charge of $6 in the US and $15 for International orders.

Travel Adjust Assembly 100 to 120, Part #85-4808
Travel Adjust Assembly 120 to 100, Part #85-4818

Call Answer Products at 661-257-4411 to order or visit the website at www.answerproducts.com.