



2014
SUSPENSION FORK
OIL, AIR, AND COIL CHARTS

RockShox Oil Volume Chart

		Drive Side						Non-Drive Side					
		Damper Technology	Upper Tube		Lower Leg				Spring Technology	Upper Tube		Lower Leg	
Fork	Model		Volume (mL)	Oil wt	Volume (mL)	Oil wt	Volume (mL)	Oil wt		Volume (mL)	Oil wt		
30 Gold	TK	Turnkey	85	5	5	15	Solo Air	-		10	15		
	TK 27 TK 29		105										
Argyle	RCT	Motion Control	143	5	3-8	15	Solo Air	-		3-8	15		
	RC		130		10		Coil			30			
	R	Rebound											
BoXXer	World Cup	Motion Control DH	230	5	10	15	Solo Air with Volume Adjust	-		10	15		
	R2C2						Coil with Drop Stop			40			
	RC	Motion Control IS	290				Coil						
Domain	Dual Crown RC	Motion Control IS	325	5	10	15	Coil	-		40	15		
	Dual Crown R	Rebound	370				Coil U-Turn Coil			30			
	RC	Motion Control	200				Coil U-Turn Coil						
	R	Rebound											
Lyrik	RC2L RC2DH	Mission Control Mission Control DH	184	5	10	15	Dual Position Air Solo Air	-		10	15		
	RC	Motion Control IS	187									Solo Air Coil	
	R	Rebound	213										
Pike	RCT3	Charger	Bleed	3	5	0w30	Solo Air	-		15	0w30		
	RC												
Reba	RLT, RL	Motion Control	106	5	5	15	Solo Air	Grease		5	15		
	RL3		111										
Recon Gold	TK TK29 RL R	Turnkey Rebound Motion Control	133	5	6	15	Solo Air	3	15	6	15		
	Coil						-		10				

RockShox Oil Volume Chart

		Drive Side					Non-Drive Side				
Fork	Model	Damper Technology	Upper Tube		Lower Leg		Spring Technology	Upper Tube		Lower Leg	
			Volume (mL)	Oil wt	Volume (mL)	Oil wt		Volume (mL)	Oil wt	Volume (mL)	Oil wt
Recon Silver	TK	Turnkey	150	5	6	15	Solo Air	-		6	15
							Coil			12	
Revelation	WC XXWC XX RCT3 RLT RL	Motion Control	134	5	5	15	Dual Position Air Solo Air	Grease		5	15
SID	WC 1 1/8 XXWC 1 1/8	Motion Control	98	5	5	15	Solo Air	Grease		5	15
	WC XXWC XX RCT3 RLT RL		106								
	RLT3 RL3		111								
Sektor Gold	RL TK	Motion Control Turnkey	130	5	5-8	15	Solo Air	-		3-8	15
			120				U-Turn 130			10-16	15
			125				U-Turn 140				
			125				U-Turn 150				
Sektor Silver	TK	Turnkey	150	5	6	15	Solo Air	-		12	15
XC 32	TK	Turnkey	150	5	6	15	Solo Air	-		6	15
							Coil			12	
XC 30	TK	Turnkey	100	5	5	15	Solo Air Coil	-		10	15
	TK 29		122								
	TK 27		123								
XC 28	80/100	Turnkey	93	5	10	15	Coil	-		-	
	120		109								

RockShox Air Spring Pressures

by Rider Weight

FORK	<140 LBS (<63 KG)	140-160 LBS (63-72 KG)	160-180 LBS (72-81 KG)	180-200 LBS (81-90 KG)	200-220 LBS (90-99 KG)	MAX PSI
30 Gold 80 mm	90-110 psi	110-125 psi	125-140 psi	140-160 psi	175+ psi	265 psi
30 Gold 100-120 mm	50-70 psi	70-85 psi	85-100 psi	100-120 psi	135+ psi	205 psi
Argyle	120-135 psi	135-150 psi	150-165 psi	165-180 psi	180+ psi	220 psi
BoXXer	30-45 psi	45-60 psi	60-75 psi	75-90 psi	90-105 psi	165 psi
Lyrik	45-55 psi	55-65 psi	65-75 psi	75-85 psi	85-95 psi	148 psi
Lyrik Dual Position Air	45-65 psi	65-85 psi	85-105 psi	105-125 psi	125-145 psi	248 psi
Pike	45-55 psi	55-65 psi	65-75 psi	75-85 psi	85-95 psi	148 psi
Pike 29 120-140 mm	55-65 psi	65-75 psi	75-85 psi	85-95 psi	95-105 psi	163 psi
Pike Dual Position Air	45-65 psi	65-85 psi	85-105 psi	105-125 psi	125-145 psi	248 psi
Reba	70-90 psi	90-105 psi	105-120 psi	120-135 psi	135+ psi	200 psi
Recon Gold 80 mm	90-110 psi	110-125 psi	125-140 psi	140-160 psi	175+ psi	265 psi
Recon Gold 100-120 mm	50-70 psi	70-85 psi	85-100 psi	100-120 psi	135+ psi	205 psi
Recon Silver 80 mm	90-110 psi	110-125 psi	125-140 psi	140-160 psi	175+ psi	265 psi
Recon Silver 100-120 mm	50-70 psi	70-85 psi	85-100 psi	100-120 psi	135+ psi	205 psi
Revelation	65-85 psi	75-100 psi	85-115 psi	95-125 psi	125+ psi	220 psi
Revelation Dual Position Air	<110 psi	110-125 psi	125-140 psi	140-155 psi	155-170 psi	255 psi
Sektor Gold	40-60 psi	60-75 psi	75-90 psi	90-105 psi	105+ psi	225 psi
Sektor Silver	50-70 psi	70-85 psi	85-100 psi	100-120 psi	120+ psi	200 psi
SID	70-90 psi	90-105 psi	105-120 psi	120-135 psi	135+ psi	200 psi
XC32 80 mm	90-110 psi	110-125 psi	125-140 psi	140-160 psi	175+ psi	265 psi
XC32 100-120 mm	50-70 psi	70-85 psi	85-100 psi	100-120 psi	135+ psi	205 psi
XC30 80 mm	90-110 psi	110-125 psi	125-140 psi	140-160 psi	175+ psi	265 psi
XC30 100-120 mm	50-70 psi	70-85 psi	85-100 psi	100-120 psi	135+ psi	205 psi

RockShox Coil Springs

by Rider Weight

FORK	<140 LBS (<63 KG)	140-160 LBS (63-72 KG)	160-180 LBS (72-81 KG)	180-200 LBS (81-90 KG)	200-220 LBS (90-99 KG)
Argyle	Red Medium	Blue Firm	Black X-Firm	Not Available	Pink XXX-Firm
BoXXer	Silver X-Soft	Yellow Firm	Red Medium	Blue Firm	Black X-Firm
Domain					
Lyrik					
Recon Silver	Silver X-Soft	Yellow Firm	Red Medium	Blue Firm	Black X-Firm
Recon Gold					
Sektor					
XC 28 80 / 100 mm	Green X-Soft	Black Soft	Yellow Medium	Red Firm	Blue X-Firm
XC 28 120 mm	Silver X-Soft	Yellow Firm	Red Medium	Blue Firm	Black X-Firm
XC30					
XC32					



SUSPENSION FORK

PIKE

User Manual

SRAM LLC WARRANTY

EXTENT OF LIMITED WARRANTY

Except as otherwise set forth herein, SRAM warrants its products to be free from defects in materials or workmanship for a period of two years after original purchase. This warranty only applies to the original owner and is not transferable. Claims under this warranty must be made through the retailer where the bicycle or the SRAM component was purchased. Original proof of purchase is required. **Except as described herein, SRAM makes no other warranties, guaranties, or representations of any type (express or implied), and all warranties (including any implied warranties of reasonable care, merchantability, or fitness for a particular purpose) are hereby disclaimed.**

LOCAL LAW

This warranty statement gives the customer specific legal rights. The customer may also have other rights which vary from state to state (USA), from province to province (Canada), and from country to country elsewhere in the world.

To the extent that this warranty statement is inconsistent with the local law, this warranty shall be deemed modified to be consistent with such law, under such local law, certain disclaimers and limitations of this warranty statement may apply to the customer. For example, some states in the United States of America, as well as some governments outside of the United States (including provinces in Canada) may:

- Preclude the disclaimers and limitations of this warranty statement from limiting the statutory rights of the consumer (e.g. United Kingdom).
- Otherwise restrict the ability of a manufacturer to enforce such disclaimers or limitations.

For Australian customers:

This SRAM limited warranty is provided in Australia by SRAM LLC, 133 North Kingsbury, 4th floor, Chicago, Illinois, 60642, USA. To make a warranty claim please contact the retailer from whom you purchased this SRAM product. Alternatively, you may make a claim by contacting SRAM Australia, 6 Marco Court, Rowville 3178, Australia. For valid claims SRAM will, at its option, either repair or replace your SRAM product. Any expenses incurred in making the warranty claim are your responsibility. The benefits given by this warranty are additional to other rights and remedies that you may have under laws relating to our products. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

LIMITATIONS OF LIABILITY

To the extent allowed by local law, except for the obligations specifically set forth in this warranty statement, in no event shall SRAM or its third party suppliers be liable for direct, indirect, special, incidental, or consequential damages.

LIMITATIONS OF WARRANTY

This warranty does not apply to products that have been incorrectly installed and/or adjusted according to the respective SRAM user manual. The SRAM user manuals can be found online at sram.com, rockshox.com, avidbike.com, truvativ.com, or zipp.com.

This warranty does not apply to damage to the product caused by a crash, impact, abuse of the product, non-compliance with manufacturers specifications of usage or any other circumstances in which the product has been subjected to forces or loads beyond its design.

This warranty does not apply when the product has been modified, including, but not limited to any attempt to open or repair any electronic and electronic related components, including the motor, controller, battery packs, wiring harnesses, switches, and chargers.

This warranty does not apply when the serial number or production code has been deliberately altered, defaced or removed.

This warranty does not apply to normal wear and tear. Wear and tear parts are subject to damage as a result of normal use, failure to service according to SRAM recommendations and/or riding or installation in conditions or applications other than recommended.

Wear and tear parts are identified as:

- | | | |
|---|--|----------------------|
| • Dust seals | • Stripped threads/bolts (inner and outer) | • Pawls |
| • Bushings | (aluminium, titanium, magnesium or steel) | • Transmission gears |
| • Air sealing o-rings | • Brake sleeves | • Spokes |
| • Glide rings | • Brake pads | • Free hubs |
| • Rubber moving parts | • Chains | • Aero bar pads |
| • Foam rings | • Sprockets | • Corrosion |
| • Rear shock mounting hardware and main seals | • Cassettes | • Tools |
| • Upper tubes (stanchions) | • Shifter and brake cables | • Motors |
| | | • Batteries |

Notwithstanding anything else set forth herein, the battery pack and charger warranty does not include damage from power surges, use of improper charger, improper maintenance, or such other misuse.

This warranty shall not cover damages caused by the use of parts of different manufacturers.

This warranty shall not cover damages caused by the use of parts that are not compatible, suitable and/or authorised by SRAM for use with SRAM components.

This warranty shall not cover damages resulting from commercial (rental) use.

SAFETY INSTRUCTIONS

- It is extremely important that your RockShox® suspension fork (fork) is installed correctly by a qualified bicycle mechanic. Improperly installed forks are extremely dangerous and can result in severe and/or fatal injuries.
- The fork on your bicycle is designed for use by a single rider, on mountain trails, and similar off-road conditions.
- Before riding your bicycle, be sure the brakes are properly installed and adjusted. Use your brakes carefully and learn your brakes' characteristics by practicing your braking technique in non-emergency circumstances. Hard braking or improper use of the front brake can cause you to fall. If the brakes are out of adjustment, improperly installed or are not used properly, the rider could suffer serious and/or fatal injuries.
- Your fork may fail in certain circumstances, including, but not limited to, any condition that causes a loss of oil; collision or other activity bending or breaking the fork's components or parts; and extended periods of non-use. Fork failure may not be visible. Do not ride your bicycle if you notice bent or broken fork parts, loss of oil, sounds of excessive topping out, or other indications of a possible fork failure, such as loss of shock absorbing properties. Instead, take your bike to a qualified dealer for inspection and repair. In the event of a fork failure, damage to the bicycle or personal injury may result.
- Always use genuine RockShox parts. Use of aftermarket replacement parts voids the warranty and could cause structural failure to the fork. Structural failure could result in loss of control of the bicycle with possible serious and/or fatal injuries.
- Use extreme caution not to tilt the bicycle to either side when mounting the bicycle to a carrier by the fork drop-outs (front wheel removed). The fork legs may suffer structural damage if the bicycle is tilted while the drop-outs are in the carrier. Make sure the fork is securely fastened according to the bike carrier's instructions. Make sure the rear wheel is fastened down when using ANY bike carrier that secures the fork's drop-outs. Not securing the rear can allow the bike's mass to side-load the drop-outs, causing them to break or crack. If the bicycle tilts or falls out of its carrier, do not ride the bicycle until the fork is properly examined for possible damage. Return the fork to your dealer for inspection or call RockShox if there is any question of possible damage. The International Distributor List is available on-line at www.sram.com. A fork leg or drop-out failure could result in loss of control of the bicycle with possible serious and/or fatal injuries.
- **Forks designed for use with disc-style brakes:** follow the brake manufacturer's installation instructions for proper installation and mounting of the brake caliper. For forks using a post style disc brake mount, ensure that your brake caliper mounting bolts have 9-12 mm of thread engagement and are torqued to 90 in-lb (10.2 N-m) when installed on the fork. Failure to have proper thread engagement can damage the brake mounting posts, which can result in severe injury and/or death.
- Your RockShox fork is designed to secure a front wheel using a quick release thru axle. Be sure you understand which axle your bike has and how to properly operate it. Do not use a bolt on axle. An improperly installed wheel can allow the wheel to move or disengage from the bicycle, causing damage to the bicycle and serious injury and/or death to the rider.
- Observe all instructions for care and service of this product.

ROCKSHOX FORKS DO NOT COME WITH THE REFLECTORS REQUIRED BY FEDERAL LAW FOR NEW BICYCLES, 16 CFR §1512.16. ADDITIONAL REQUIREMENTS FOR REFLECTORS AND LIGHTING MAY EXIST AND VARY BY LOCATION. YOUR DEALER SHOULD INSTALL PROPER REFLECTORS AND LIGHTING SYSTEMS TO MEET ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS. ALWAYS USE FRONT AND REAR LIGHTS IN ADDITION TO REFLECTORS IF RIDING AT NIGHT OR IN REDUCED VISIBILITY.

Thanks for Choosing RockShox®

We are excited, pleased, and honored that you have chosen RockShox for your bicycle suspension. You can feel confident that your suspension is the best in the market today because RockShox products are developed and engineered by people who love to ride and who are as passionate about performance as you.

This manual contains the important safety, maintenance, and warranty information you need in order to safely install and use your RockShox suspension. To ensure that your RockShox suspension performs properly, we recommend that you have it installed by a qualified bicycle mechanic.

Additional detailed set-up, tuning, and service information for your RockShox suspension is available online at www.sram.com.

Suspension Fork Installation

Remove the existing fork from the bicycle. Measure the RockShox steerer tube against the length of the existing one as you may need to cut the RockShox steerer tube. If your RockShox fork has a tapered steerer tube, be sure to leave enough steerer above the taper in order to clamp the stem. Prior to cutting, consult your stem manufacturer's instructions to determine the length of steerer tube required to clamp the stem.

Remove the crown race from the existing fork and install it firmly against the RockShox crown. Use a 39.8 mm crown race for 1 1/2" steerer tubes and a 29.9 mm crown race for 1 1/8" steerer tubes.

WARNING

Improperly installed forks are extremely dangerous and can result in severe and/or fatal injuries.

Do not add threads to RockShox steerers. The steerer tube crown assembly is a one-time press fit. Replacement of the assembly must be done to change the length or diameter of the steerer tube.

Do not remove or replace the steerer tube. This could result in the loss of control of the bicycle with possible serious and/or fatal injuries.

Aluminum Crown-Steerer

- 1** Mark the steerer tube and cut to the proper length.
- 2** Install a star nut or headset compression device into the steerer tube.
- 3** Install the fork onto the bike.
- 4** Install your stem according to the manufacturer's instructions and adjust the headset until you feel no play or drag.

Brakes

Install your brakes according to the manufacturer's instructions and adjust the brake pads properly. Use only disc style brakes on the provided disc mounting holes.

NOTICE

Do not let brake or derailleur cables rest on, or be attached to the crown. Abrasion over time may cause damage to the crown. If contact is unavoidable, use tape or similar protection to cover the surface. Crown abrasion is not covered under warranty.

Wheel Installation

Check tire clearance whenever you change tires. To do this, remove the air pressure or coil spring from the fork, then compress the fork completely and ensure there is at least 6 mm of clearance between the top of the inflated tire and the bottom of the crown.

For complete instructions, refer to the RockShox Service Manual at www.sram.com.

WARNING

Failure to leave 6 mm clearance between the top of the inflated tire and the bottom of the crown will cause the tire to jam against the crown when the fork is fully compressed which can result in severe and/or fatal injuries.

Riding with an improperly installed wheel can allow the wheel to move or disengage from the bicycle, causing damage to the bicycle, and serious injury or death to the rider. It is essential that you:

- Ensure that your axle, dropouts, and quick release mechanisms are clean and free of dirt or debris. Always check and clean this area when reinstalling the wheel. Accumulated dirt and debris can compromise the security of the axle, leading to serious and/or fatal injury.
- Ask your dealer to help you understand how to properly secure your front wheel using the Maxle quick release thru axle system.
- Apply the correct techniques when installing your front wheel.
- Never ride your bicycle unless you are sure the front wheel is installed properly and secure.

Maxle™ Quick Release Thru Axle System

The axle threads into the non-drive side fork drop out and compresses the hub between the non-drive and drive side fork legs. The axle is fixed in place in the lower leg by the Maxle quick release lever.

Position your wheel in the lower leg drop outs. The hub should seat firmly in the drop outs. Be sure to position the disc brake rotor in the caliper. Verify that the rotor, hub, and rotor bolts do not interfere with the lower fork legs. If you are unfamiliar with adjusting your disc brakes, see your brake manufacturer's instructions.

NOTICE

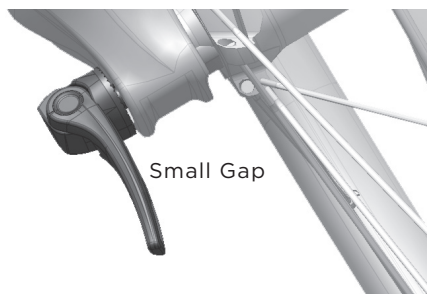
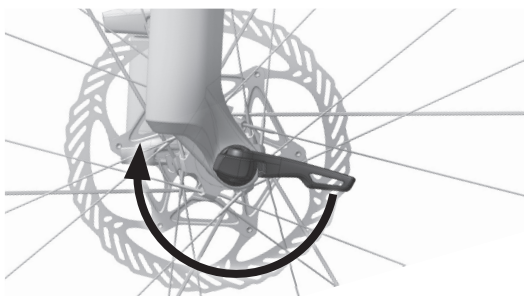
Never use any other tool to tighten the axle into the lower fork leg. Over-tightening of the axle can damage the axle and/or the lower fork leg.

⚠ WARNING

After closing the Maxle quick release lever, do not reposition or spin the lever. Repositioning or spinning the Maxle lever can cause the axle to come loose, compromising the security of the axle which can lead to serious injury and/or death.

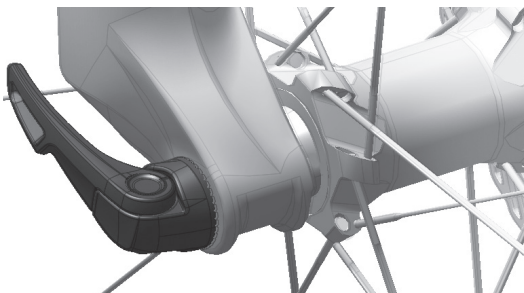
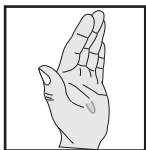
Installation

- 1** Open the Maxle™ lever. Ensure the lever rests against the hard stop.
- 2** Slide the Maxle through the drive side fork leg drop out until it engages the threads of the non-drive side drop out.
- 3** To tighten the Maxle into the drop out, turn the lever clockwise until there is a small gap between the lever head and drop out.



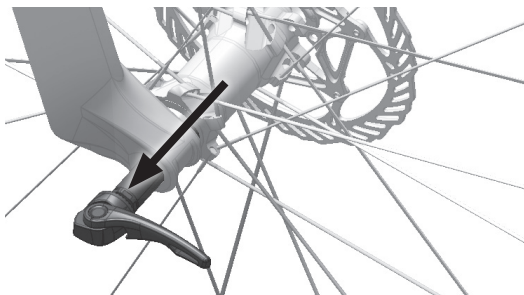
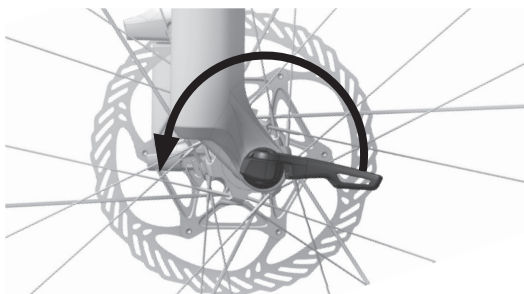
Secure

- 1** Close the Maxle™ lever. Lever tension is sufficient if the lever leaves an imprint on your hand.
- 2** To increase lever tension, open the lever and turn it clockwise. Close the lever to recheck lever tension. Repeat until the tension is sufficient, then close the lever. When the lever is closed, verify there is no gap between the lever head and dropout.



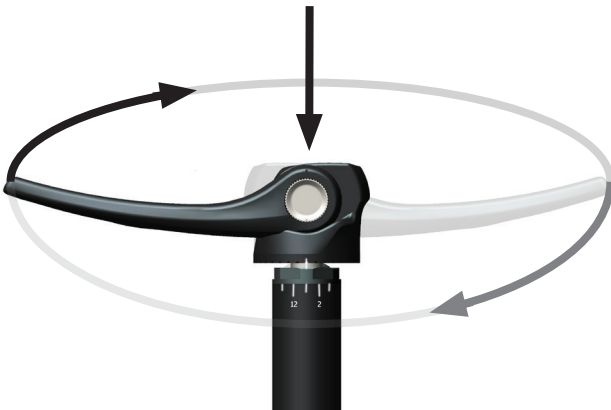
Remove

- 1** Open the Maxle lever.
- 2** Turn the lever counter-clockwise until the Maxle is disengaged from the threads on the fork dropout, then slide the Maxle out of the hub.



Position

- 1** To change the direction of the Maxle™ lever when it is in the closed position, first remove the Maxle from the fork leg drop out.
- 2** With the Maxle lever in the open position, place the flat end of the Maxle vertically on a hard surface. Use the palm of your hand to push the lever head in to compress the spring inside the Maxle. While the spring is compressed, rotate the lever head to the desired position using the numbered lines on the Maxle as a reference.
- 3** Install, tighten, and secure the Maxle into the lower fork leg. Repeat until your desired closed lever position is achieved.



Maintenance

We recommend any service be performed by a qualified bicycle mechanic. To obtain service information or instructions, visit our website at www.sram.com or contact your local RockShox dealer or distributor.

Take your bicycle to a qualified dealer for inspection and repair if there is any question of component integrity due to a crash or other direct impact.

WARNING

Before disassembly or service of any air system remove the air pressure from all air chambers. For complete service instructions visit www.sram.com/service.

To maintain the high performance, safety, and long life of your front suspension, it is required that you periodically check the fastener torque values for compliance as well as perform routine maintenance on your fork. If you ride in extreme conditions, torque compliance checks and maintenance should be performed more frequently.

FRONT SUSPENSION FASTENER	TORQUE VALUE
Top Caps	13.6 N•m (120 in-lb) Non-drive side 28.2 N•m (250 in-lb) drive side
Bottom Bolt	7.3 N•m (65 in-lb)
Disc Brake Mounting Bolts	10.2 N•m (90 in-lb)

MAINTENANCE	INTERVAL (hours)
Clean dirt and debris from upper tubes	Every ride
Check air pressure (air forks only)	Every ride
Inspect upper tubes for scratches	Every ride
Lubricate dust seals and upper tubes	Every ride
Check front suspension fasteners for proper torque	25
Remove lowers, clean/inspect bushings and change oil bath	50
Clean and lubricate air spring assembly	100
Change oil in damping system (including hydraulic lockout)	100