



350 S. St. Charles St. Jasper, In. 47546 Ph. 812.482.2932 Fax 812.634.6632
On the Internet: www.ridetech.com

SKW1012SA ShockWave- 91-96 B-body (Impala/Caprice)

2	SKW1500	255 bellows
2	SKW013	internal bumpstop
2	SKW2601SA	smooth shock (short)
4	SKW1701CHA	bead ring
2	SKW1751CHA	255 upper mount domed top
2	SKW1761CHA	lower mount for 255 (with set screw)
4	SKW114	small o-ring
4	SKW228	large o-ring
2	SKW053	GM lower trunnion
4	SKW051	Poly bushing halves
2	FIT4201	1/4 x 1/4 swivel elbows
2	SKW010	1.25-inch stud adapter
4	SKW007	polyurethane stem bushings
2	1/2 FENDER washers	
4	7/16 sae jam nuts	
4	3/8 x 1 1/4 USS bolts	
4	3/8 nyloc nuts	
8	3/8 sae flat washers	

INSTRUCTIONS

ride height = 10.75 inches

SHOCKWAVETM by Air Ride Technologies

The care and feeding of your new Shockwaves

1. Although the ShockWave has an internal bumpstop, **DO NOT DRIVE THE VEHICLE DEFLATED RESTING ON THIS BUMPSTOP. DAMAGE WILL RESULT.** The internal bumpstop will be damaged, the shock bushings will be damaged, and the vehicle shock mounting points may be damaged to the point of failure. **This is a non warrantable situation.**
2. Do not drive the vehicle over inflated or "topped out". Over a period of time the shock valving will be damaged, possibly to the point of failure. **This is a non-warrantable situation!** If you need to raise your vehicle higher than the ShockWave allows, you will need a longer unit.
3. The ShockWave is designed to give a great ride quality and to raise and lower the vehicle. **IT IS NOT MADE TO HOP OR JUMP!** If you want to hop or jump, hydraulics is a better choice. This abuse will result in bent piston rods; broken shock mounts, and destroyed bushings. **This is a non warrantable situation.**
4. Do not let the ShockWave bellows rub on anything. Failure will result. **This is a non warrantable situation.**
5. The ShockWave product has been field tested on numerous vehicles as well as subjected to many different stress tests to ensure that there are no leakage or durability problems. Failures have been nearly nonexistent unless abused as described above. If the Shockwave units are installed properly and are not abused, they will last many, many years. **ShockWave units that are returned with broken mounts, bent piston rods, destroyed bumpstops or bushings, or abrasions on the bellows will not be warrantied.**



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This gift certificate entitles you to the window decal of your choice. Simply mark your style and size preference below. Please complete the address information and return this certificate to Air Ride Technologies, 350 S. St. Charles St., Jasper, IN 47546.

Thank You!
Air Ride Technologies

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Decal Styles (Select One)

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Decal Sizes (Select One)

- 6"
- 12"
- 24"



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SKW1012SA ShockWave **91-96 Impala / Caprice**

The 91-96 Impala / Caprice ShockWave uses the shorter SKW1001SA base unit with the short 1.25" tall stud adapter on top and the SKW053 GM trunnion on the bottom. It will bolt into the OEM shock mounts top and bottom. The outer frame rail will need to be clearanced similar to the modification necessary for the traditional airsping installation. The ride height is approx. 26.25" at the front fender lip. The dropped height is 23.5" at the fender lip. When dropped, the front spoiler is less than 1" from the ground. These measurements were taken with a 235/40-17 tire. This system uses stock spindles and stock control arms.

***DROPPED SPINDLES CANNOT BE USED WITH THE SHOCKWAVE SYSTEM!
YOUR CAR WILL DRAG THE GROUND!***

As cool as this sounds, living with it on a daily basis is a real pain and quite dangerous. We have 2 cases of customers that ignored our recommendations and have done severe damage to their vehicles because of it. Only luck prevented personal injury.

The ride quality is GREAT!! Ride height is attained at approx. 110psi. The shock valving is set on "8". Begin ride quality tuning from there.

Note: The ShockWave units MUST be mounted on TOP of the control arm, not underneath like the original shocks.

Check up in the spring pocket for "fingers" hanging down, these will need to be trimmed out, so no interference will occur between the frame and the ShockWave units.