



**AEROMOTIVE**  
**Part # 21101 & 21105**  
**LT-1 Camaro, Firebird/TransAm, Impala SS**  
**INSTALLATION INSTRUCTIONS**

This product is not legal for sale or use on emission-controlled vehicles except when used as a direct replacement part matching OEM specification.

**WARNING!**



Always be aware of flammable situations. Drilling and grinding can be potential ignition sources. Extinguish all open flames, prohibit smoking and eliminate all sources of ignition in the area of the vehicle and workspace before proceeding with the installation. Ensure you are working in a well ventilated area with an approved fire extinguisher nearby.

**WARNING!**



etc.

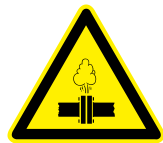
Installation of this product requires modification to a fuel tank/ the fuel system, failure to satisfy all safety considerations will result in fire, explosion, injury and/or loss of life to yourself and/or others. All fuel system components **MUST** be located as far from heat sources as possible, like exhaust, engine block,

**WARNING!**



Mechanical and hydraulic lifting devices can tip over or lower accidentally due to incorrect maneuvering or technical errors. A falling object can cause injury and/or loss of life to yourself and/or others. When working under the vehicle, always use stands, and ensure that the ground or floor is stable and level. Never crawl under a vehicle which is only supported by a jack.

**WARNING!**



The fuel system is under pressure. Do not open the fuel system until the pressure has been relieved. Refer to the appropriate vehicle service manual for the procedure and precautions for relieving the fuel system pressure.

**CAUTION!**



When installing this product always wear safety glasses and other appropriate safety apparel. A drilling operation will cause flying metal chips. Flying metal chips can cause eye injury.

**CAUTION:**

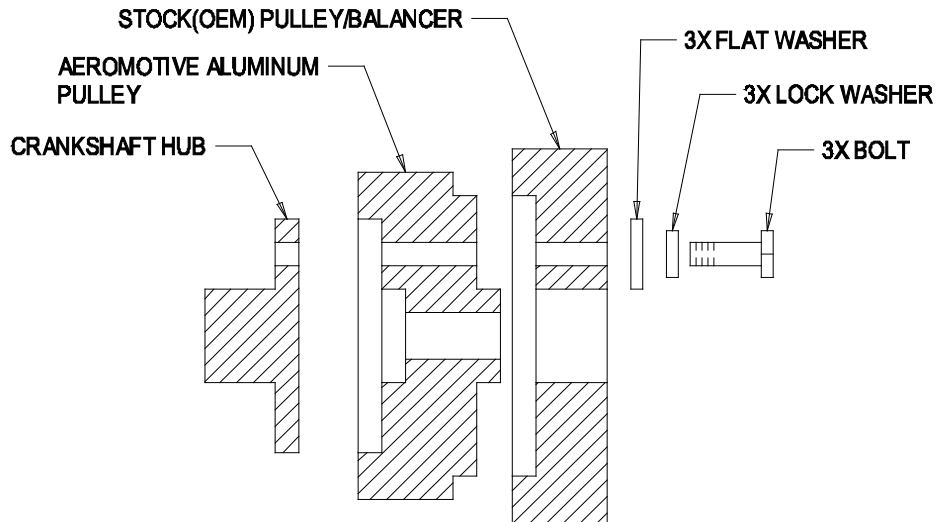


Installation of this product requires detailed knowledge of automotive systems and repair procedures. We recommend that this installation be carried out by a qualified automotive technician. Careless installation of this product can result in damage to the product, injury or loss of life to yourself and/or others.

## Compatible Fuels:

Pump Gas  
Race Gas  
E85  
Alcohol/Ethanol

- Step 1** Disconnect the negative battery terminal, raise the front of the vehicle and secure it with jack stands and wheel chocks. (Be sure to use proper safety precautions when supporting the vehicle)
- Step 2** Loosen the three (3) 7/16" bolts which secure the stock pulley/balancer to the crankshaft hub. However, **DO NOT** completely remove the bolts yet.
- Step 3** Carefully remove the stock serpentine belt per factory instructions.
- Step 4** Note the position of the line-up mark on the stock pulley/balancer. The mark will be lined up with the 1/4" diameter hole on the Aeromotive pulley when the pulley/balancer is reinstalled.
- Step 5** Now, completely remove the three (3) pulley/balancer bolts while holding the pulley/balancer securely to avoid dropping or damaging it. You may need to use a pulley puller to remove the old pulley.
- Step 6** Clean and lightly oil the crankshaft snout. Reassemble the new pulley, stock pulley/balancer and crank hub using the supplied 7/16" bolts, lock washers and flat washers as shown in the diagram. It may require a slight press to get the pulley onto the crankshaft. Torque all bolts to factory specifications (approximately 60-80 ft-lbs).
- Step 7** If you purchased crank pulley part number 21101 install Gates belt part #K060594. If you purchased crank and alternator pulley kit part number 21105 install Gates belt part #K060598.
- Step 8** Carefully lower the vehicle, reconnect the negative battery terminal, and start the vehicle, making sure the new belt is aligned properly.



Aeromotive system components are not legal for sale or use on emission-controlled motor vehicles.



**WARNING:** This product can expose you to chemicals, including chromium, which is known to the State of California to cause cancer or birth defects or other reproductive harm.