

1999-2004 LS1/LS6 (1/2" thickness) Aluminum Valve Cover Spacers
Item # 2111

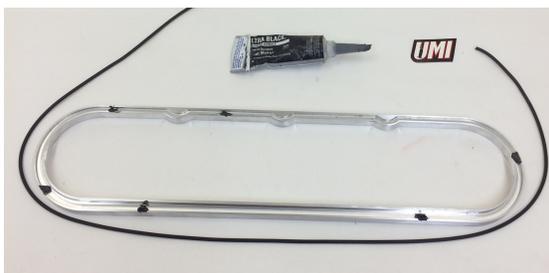
Includes:

- (2) Aluminum Valve Cover Spacers
- (2) 46" O-Rings
- (8) M6 x 80mm Hex Head Cap Screws
- (8) M6 Fender Washers
- (8) Valve Cover Bolt Stand

1. Using a 10mm deep well socket remove coil packs. On drivers side, removal of fuel lines will help ease installation.
2. Using an 8mm socket, remove valve cover from the vehicle.
3. With the valve cover off the vehicle carefully remove the studs by pulling up. Rubber grommets may stay attached to the stud or stay in the valve cover. Grommets must be reused, do not lose rubber grommets!
4. Locate the new supplied aluminum valve cover stands and place grommets onto new studs. Use the factory set-up as a reference and see the image below.



5. Carefully install rubber grommets with new aluminum stands back onto the valve covers.
6. Locate the new o-ring gasket and place onto the valve cover spacer. O-ring gasket may need trimmed to length.



7. As shown in the photos above, use dabs of silicone to hold the gasket in place and also to seal the joint where the o-ring comes together.
8. The groove is engineered to appear wide and shallow to allow for perfect o-ring crush. Please use silicone sparingly. Our testing has shown the seal to be very oil-tight and properly designed.
9. Install valve cover spacer onto engine. Valve cover spacers are universal and will work on either side. O-ring is placed down and machined step towards outside of engine.



10. Reinstall valve cover re-using the factory gasket. Tighten valve covers to 89 in/lbs starting in the center and working your way to the outside.
11. Reinstall coil packs and fuel lines.
12. Install is complete.

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UMI Performance Inc.
Made in Pennsylvania, USA