



# NAPA Tech TIPS

SUPPORTING TODAY'S PROFESSIONAL TECHNICIAN

## Bolt-on Air Pump Pulleys Can Be Installed Incorrectly

### Application:

All air pumps (smog pumps) with bolt-on pulleys.

### Problem:

The original pulley rubs on the housing of the replacement unit, or the belt does not track correctly.

### Cause:

Pulley is mounted wrong-side out (the pulley will mount on the pump either way).

### Solution:

Original Equipment pulleys usually are marked FRONT or THIS SIDE OUT. Another way to determine the correct side is that the shallow side of the pulley must face towards the pump and the deep-dished side faces out (away from the pump). When reusing the original pulley, look for hub marks on the inside surface or washer marks on the outside surface. Aftermarket pulleys may not be marked. In this case the deep-dish side usually faces outward as noted above.

