

ASTOU Alternator Installation Notes

1. Pre-installation inspection

- ① Make sure that the power is off (the installation without power off may be a safety hazard)
- ② Confirm that the wiring harness is normal and there is no damage
- ③ Ensure that the battery is compatible, a small number of users have the situation that the battery does not match the alternator
- ④ Pay attention to whether the installation bearings are on the same horizontal line, and ensure that the bolts are originally fitted
- ⑤ Please pay attention to the safety of the interface when connecting, poor contact may lead to voltage instability
- ⑥ When installing, please pay attention to the tightness of the pulley and the timing belt, and pay attention to the matching of the number of timing belt grooves and the number of pulley shafts
- ⑦ To ensure compatibility, you can check its suitability through the VIN code or through the page content and the AMZ suitability checker

2. Installation Steps

NOTE: professional installation recommended

- ① First disconnect the battery connection harness
- ② Locate the alternator on the vehicle, use the serpentine belt tool to loosen the belt, and remove it from the alternator pulley
- ③ Remove the bolts supporting the alternator, the number of bolts should be at least 2 and not more than 4, the specification depends on different brands and models
- ④ Remove the alternator, then unplug and remove any nuts connecting the electrical parts
- ⑤ Reverse the process to install a new alternator, attach the electrical plug and wires to the new alternator
- ⑥ Once the alternator slides into place, start installing the old bolts in the correct position, put the alternator pulley back in place and secure it. Be sure to check that the pulley is aligned with the belt tensioner
- ⑦ Use the serpentine belt tool to control the desired tension and slide the belt back onto the pulleys, the tool can then be released by the tension of the belt
- ⑧ Reconnect the battery cables, start the car, and make sure the alternator is charging.