



TECH TIPS

Dixie Part Numbers: A-80029, A-80041

Applications: 2001 – 2003 Hyundai Santa Fe 2.7L V6 and 3.5L V6
2001 - 2003 Hyundai XG 300 3.0L V6
2001 - 2003 Hyundai XG 350 3.5L V6
2002 – 2003 Hyundai Sonata 2.7L V6
2003 Hyundai Tiburon 2.7L V6

Condition:

The vehicle operator may complain of one or more of the following conditions:

- belt slipping/squealing,
- charge light on intermittently
- alternator bearing failure

Cause:

On the 2.7L engine the factory-installed alternator was produced with a 62mm diameter pulley. In order to increase amperage the pulley diameter was reduced to 58mm and the belt length was reduced. On the 3.0L and 3.5L engine the factory installed alternator had a 62mm pulley. To increase performance on these engines the pulley size was reduced to 55mm.

Correction:

Ensure that the proper belt has been used to match the pulley size as shown in the table below. The manufacture has indicated that the original pulley and belt will work fine and that the charge light coming on is prevalent in hot climates with all the accessories on. **Both pulleys and belts could be correct for this application depending on the climate and operating conditions for the vehicle!**

| Engine Size | Original Pulley Size | Original Belt | Revised Pulley | Revised Belt |
|-------------|----------------------|---|----------------|---|
| 2.7 L V6 | 62 mm | 25212-37111 will be marked with part number | 58mm | 25212-37181 will be marked with part number |
| 3.0 L V6 | 62 mm | 97713-3F000 will have 1225 marked on it | 55mm | 97713-26300 will have 1220 marked on it |
| 3.5 L V6 | 62 mm | 97713-3F000 will have 1225 marked on it | 55mm | 97713-26300 will have 1220 marked on it |