

## Engine - Drive/Supercharger Belt Chirping Noise

NUMBER JTB00045  
(ISSUE 3)

MODEL S-TYPE, XJ, XK, XK8

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ISSUE '3' CHANGES ARE HIGHLIGHTED IN GRAY

SECTION: 303

[Drive Belt](#) Noise - Repair Procedure

**S-TYPE (X200)**

**VIN: M45255 - N83948**

**Model Year: 2002 - 2007**

**XJ (X350)**

**VIN: G00422 - H17572**

**Model Year: 2004 - 2007**

**XK (X150)**

**VIN: B00379 - B17758**

**Model Year: 2007**

**XK8 (X100)**

**VIN: A30645 - A48684**

**Model Year: 2003 - 2006**

AFFECTED VEHICLE RANGE

CONDITION SUMMARY:

Situation:

A noise or chirp may be heard from Front End Auxiliary Drive (FEAD) belt or Supercharger [drive belt](#) on cold start. This may be caused by the installed idler pulleys not controlling belt tracking correctly.

Action:

In the event of a customer concern of the above, refer to the Repair Procedure outlined below to:

^ Normally Aspirated (NA) vehicles: replace the FEAD belt and idler pulley with new flanged idler pulley and belt.

^ Supercharged (SC) vehicles: replace the FEAD belt and idler pulley with new flanged idler pulley and belt; and / or replace supercharger idler pulley with new grooved idler pulley, tensioner, pulley bracket, and [drive belt](#).

|                        |  |               |
|------------------------|--|---------------|
| <b>C2C 37063</b> ..... | <b>Drive belt</b>                          | <b>Qty: 1</b> |
| <b>C2C 37064</b> ..... | <b>Flanged idler pulley</b>                | <b>Qty: 1</b> |
| <b>C2C 37055</b> ..... | <b>Supercharger belt</b>                   | <b>Qty: 1</b> |
| <b>C2C 37056</b> ..... | <b>Supercharger pulley bracket</b>         | <b>Qty: 1</b> |
| <b>C2C 37057</b> ..... | <b>Supercharger belt tensioner</b>         | <b>Qty: 1</b> |
| <b>C2S 46862</b> ..... | <b>Supercharger idler pulley (grooved)</b> | <b>Qty: 1</b> |