



A Tenneco Company

www.gates.com/europe

# 004

27/06/2005

# Technical Bulletin

## K025433XS for Ford 1.2, 1.4 and 1.6 engines

<b>GATES REFERENCE :</b>	<b>K025433XS</b>
<b>MAKE :</b>	FORD / MAZDA
<b>MODEL :</b>	Fiesta, Focus, Fusion, Puma, 121
<b>MOTOR :</b>	1.2, 1.4, 1.6
<b>MOTOR CODE :</b>	ZH12FUJA, ZH12FUJB ; ZH14ASDA, ZH14FXDB, ZH14FXDC, ZH14FXDD, ZH14FXJA, ZH14FXJB, ZH14EFI ; ZH16HWDA, ZH16HXDA, ZH16FYDA, ZH16FYDB, ZH16FYDC, ZH16FYDD, ZH16SE ; 1E05



Over the last years the tensioner for the synchronous drive on Fiesta, Focus, Fusion, Puma and Mazda 121 with engines 1.2, 1.4 and 1.6 has changed a few times:

- different pulley diameter: 60 and 62 mm
- different appearance: with and without oblong hole

Now, Ford OEM and OES have replaced these tensioners by a new version ( $\varnothing$  62 mm, OE nr 1361840/4M5G6K254DB, Fig. 2). As Gates is following the OE market, this new tensioner is now, since a few months, also included in our K025433XS, instead of the former type (Fig.1).



Oblong hole adjustment

Fig. 1



Retaining pin

Fig. 2

The new tensioner can replace all former types without problem. It is easier to install and avoids incorrect tensioning, as the back plate cannot be adjusted.

Install the new tensioner using the removed bolts (20 Nm), install the new belt 5433XS, pull the retaining pin out.

No other manipulating is needed, as the spring-loaded pulley will tension the belt correctly.