



NUMBER 004

27/06/2005

### Ford 1.2, 1.4 and 1.6 / Synchronous Drive / Tensioner Info.

**GATES REFERENCE:**
**K025433XS, K055433XS.**
**MAKE:**
**FORD / MAZDA / VOLVO.**
**MODEL:**

Courier, Fiesta, Focus, Fusion, Puma, 121, 2, S40, V50.

**MOTOR:**

1.2, 1.4, 1.6.

**MOTOR CODE:**

16HDEZ, ASDA, ASDB, B4164S3, C14HDEZ, C16HDEZ, DHA, DHA, DHB, DHC, DHD, DHF, DHG, FUJA, FUJB, FXDA, FXDB, FXDC, FXDD, FXJA, FXJB, FYDA, FYDB, FYDC, FYDD, FYDH, FYJA, FYJB, HWDA, HWDB, HXDA, HXDB, L1T, L1V, SHDA, SHDB, SHDC, SIDA, ZH12FUJB, ZH12M7JA, ZH12M7JB, ZH14FHA, ZH14FHE, ZH14FXJA, ZH14FXJB, ZJ04, 1E05.


**Explanation:**

Over the years the tensioner on the synchronous drive of above mentioned cars 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 with a diameter of 62 mm (Fig. 2). As Gates always follows the OE market, this new tensioner is included in our K025433XS and K055433XS, instead of the former type (Fig. 1).



Oblong hole adjustment

Fig. 1



Retaining pin

Fig. 2



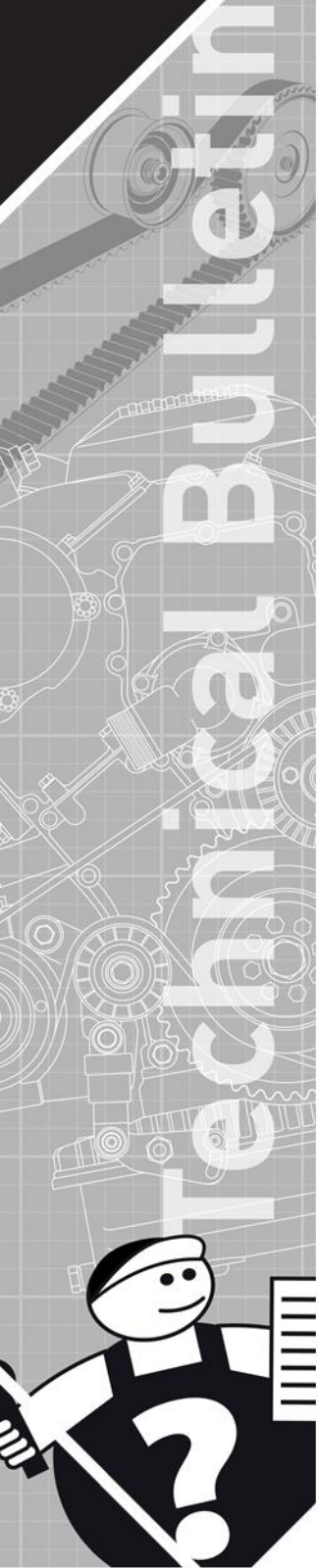
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**Conclusion:**

The new tensioner can replace all former tensioner types without any 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 (handtight), install the new belt 5433XS, pull the retaining pin out, torque the tensioner bolts (20 Nm). No other manipulation is needed, as the spring-loaded pulley will tension the belt correctly.



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