

Important information about ordering the correct parts for a Yamaha XS or TX 650.

The engine and chassis number of a Yamaha XS or TX 650 are equal from the factory. But a lot may have changed over the years.

First, all engine fit all chassis. So it can happen, for example, that a Heritage Special chassis from 1983 is equipped with the engine of an XS1 from 1970.

In addition, it is also possible that the original crankshaft and pistons have been replaced. For example, it is possible that crankshaft and pistons intended for an XS650B from 1974 are mounted in the aforementioned XS1 engine, to replace the original parts. When ordering parts, it is therefore very important to know which model XS or TX 650 it concerns.

With regard to frame parts, it is important to start from the frame number.

When it comes to the engine, it is important to know the engine number.

As mentioned, these numbers are equal in the original situation. But that is no longer the case with a large number of XS or TX's.

In addition, crankshaft and pistons may no longer be original. That is why it is very important to study the coding and / or sizes of those parts carefully before ordering parts.

Details connecting rods and pistons Yamaha XS en TX 650

Identification connecting rod	Model code	Part number connecting rod	Diameter small end (mm)	Diameter piston pin (mm)	Diameter big end pin (mm)	Diameter big end	Length connecting rod (heart to heart; mm)	Width connecting rod at big-end (mm)	Height (heart - deck; mm)
256	256 (XS1 only)	256-11651-00	26	22	26	34	136	20	32
256	256 (XS1B & XS1F), 306, 366, 476	256-11651-01	22	22	26	34	136	20	32
447	Other models	447-11651-00	20	20	26	34	130	20	38
533	533, 1E1, 1U3, 1V2, 2Y8, 3L1, 4G7, 5E6	533-11651-00	20	20	29	39	140	22	29



Small end with
needle bearing



