

The Yamaha XS650:

The Yamaha XS650 is a classic in every sense: styling, performance, reliability, ease of maintenance and economy of operation. In 1970, Yamaha introduced the XS-1. Over the years, Yamaha has continued to develop and apply state-of-the-art technology in refining, modifying and improving this machine to its present level of sophistication and dependability: The 1977 XS650.

The heart of the machine, its 650cc S.O.H.C. twin cylinder engine, pulls strongly from idle through redline. Breathing through twin

38mm constant velocity carburetors, it develops smooth power and outstanding fuel economy. A positive crankcase ventilation system reduces emissions. And special alloy valve seats permit the use of unleaded gas.

The close-ratio five-speed transmission, activated by a short-throw foot lever, lets the rider fully exploit the engine's broad powerband. A duplex cradle frame, reinforced in high stress areas, combined with Ceriani-style front forks and five-way adjustable rear shock absorbers, provide sure tracking and a smooth ride. Additionally, light alloy rims

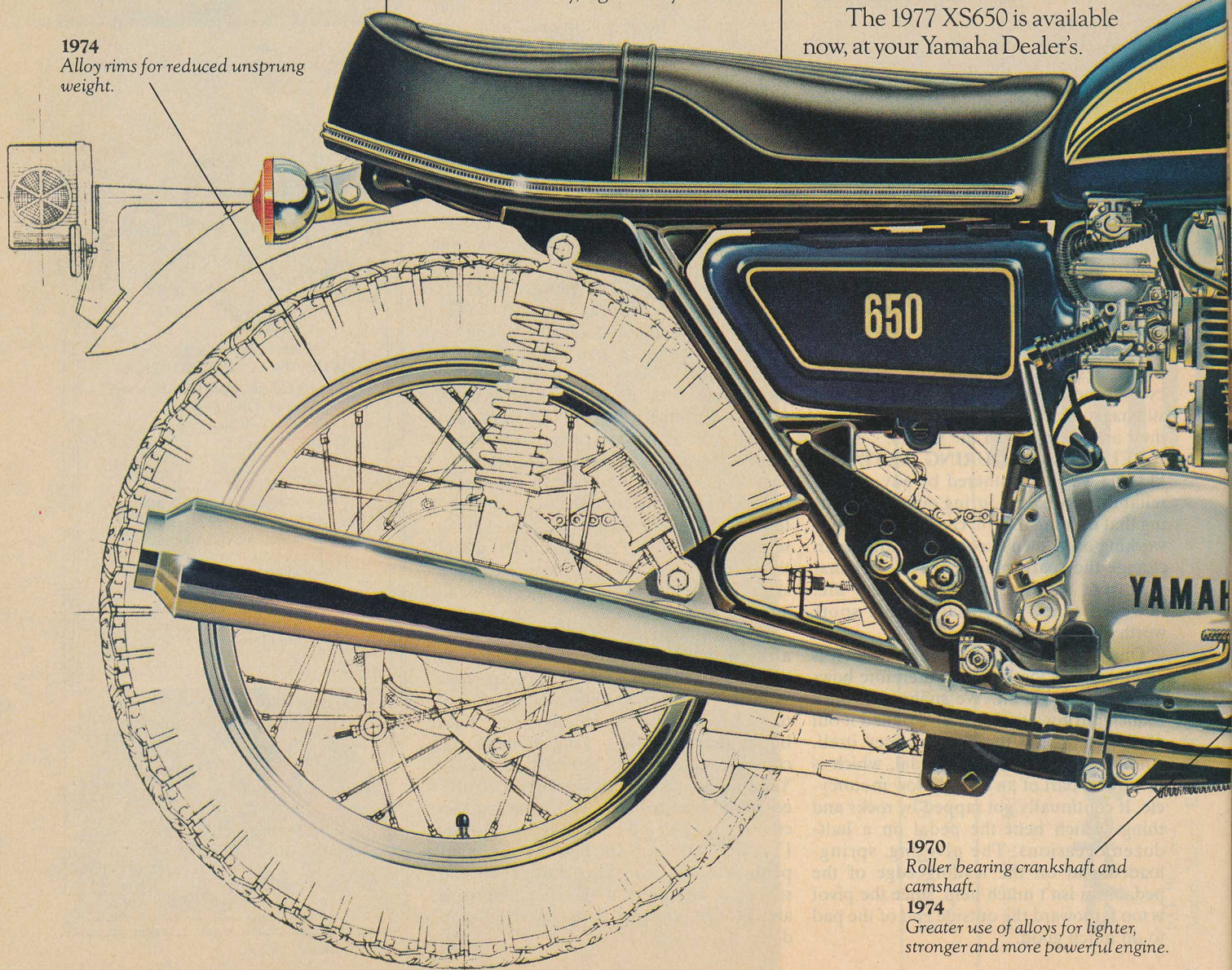
reduce unsprung weight assuring greater stability. A fade-resistant front disc brake and a conventional drum brake in the rear combined with the road-gripping tires, stop you straight and quick.

The new automotive-type instrument cluster is easily read at a glance. Also new for 1977 are self-cancelling turn signals, and a choice of two colors: maroon or blue.

In short, the XS650 offers you the best of both worlds: not only an outstanding modern touring machine, but also one of the great classic machines from Yamaha.

The 1977 XS650 is available now, at your Yamaha Dealer's.

1974
Alloy rims for reduced unsprung weight.



1970
Roller bearing crankshaft and camshaft.
1974
Greater use of alloys for lighter, stronger and more powerful engine.

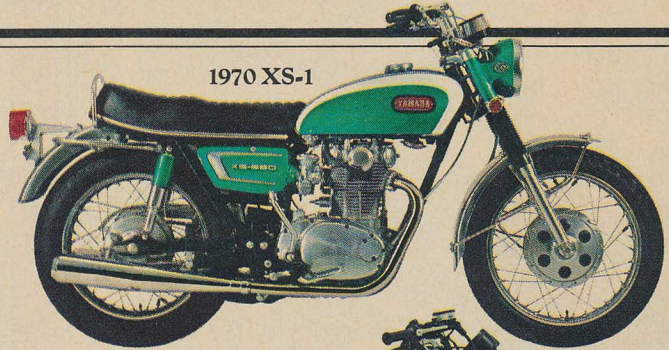
The evolution of a classic.

1972
Electric starter added.
1974
Improved electric starter.

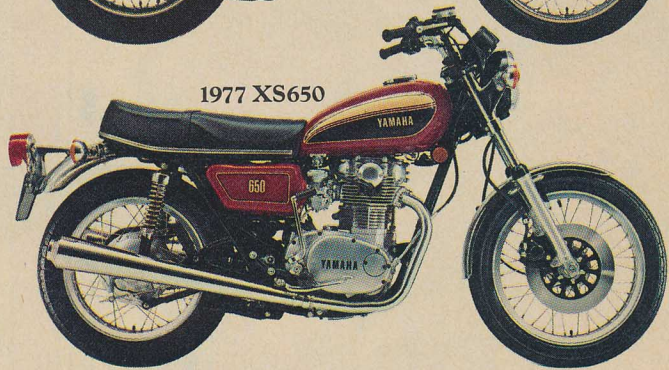
1974
New Instrumentation.
1977
Automotive-type instrumentation.

1973
Locking Gas Cap.
1976
Safety Gas Cap.

1970 XS-1



1977 XS650



When you know how they're built, you'll buy a Yamaha.

1976
Stronger fork springs for better handling.

1972
Disc brake added.
1973
Improved disc brake pads.
1976
Re-positioned caliper for improved steering characteristics and handling.
1977
Lightweight aluminum caliper and greater brake pad area.

1974
New Frame for better handling.

