

Various Models

version: with 1.4 T.S. - 1.6 T.S. - 1.8 T.S. - 2.0 T.S. engine

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15.99

1036 1 051 MA **VARIABLE VALVE TIMING**
Noise - Service Solution

What follows cancels and replaces the technical documentation (in Italian) sent previously to Italian and foreign market dealerships in a special circular.

FAULT COMPLAINED OF

Engine noise.

TECHNICAL CAUSE

Noise inside the phase transformer.

OPERATIONS IN PRODUCTION

Adoption of a new phase transformer with a Teflon seal and a spring with an increased loading.

IMPLEMENTATION OF MODIFICATION

Version	Engine No.	Prod. date
All versions in question	1378868	2/99

OPERATIONS IN NETWORK

Service Solution: Depending on the type of phase transformer fitted on the engine, either update or replace it, following the instructions given below:

- For vehicles:
 - **145/146 - GTV/Spider** on engines between n° 909376 and n° 1378867.
 - **Alfa 156 - Alfa 166** on engines from the start of production up to n° 1378867.update the phase transformer by adding a Teflon seal and replacing the spring with another one with an increased loading, following the instructions in the operating cycle below.
- For **145/146 - GTV/Spider** vehicles with engines before n° 909376 and equipped with a first edition phase transformer with a **BLUE MARK** on the casing, the above update cannot be carried out; the complete transformer must be replaced with a current production version.