Maserati F1 Cambiocorsa Self-Learning

M139 Quattroporte / M145 GranTurismo | Independent quick reference



Illustration, not an actual Maserati control-unit photograph.

01 The command matters

For Cambiocorsa-equipped M139 Quattroporte and M145 GranTurismo, Maserati prohibits NCR > Active Diagnosis > Self Learning (All), warning of permanent ECU damage. It separately specifies gear-structure self-learning. The bulletin does not identify equivalent aftermarket-tool commands.

02 Gear engagement is separate from clutch position

The F1 grid compares gearbox selection and engagement potentiometer positions with stored limits for each gear. These are separate from clutch-position measurement. Cold and warm comparisons form part of the bulletin's example gear-engagement diagnosis.

03 Preserve the clutch reference

Clutch wear percentage relies on a stored new-clutch reference. Maserati restricts clutch configuration to installation of a new clutch; an incorrect baseline can mislead. Its software-specific Kiss Point instructions require care because that function incorporates clutch configuration. Do not treat this guide as a routine reset sequence.

Before you select a command

An original workshop planning checklist

Record first. Verify the system. Then choose the applicable procedure.

Use this page to organize a diagnosis and questions for technical support. Blank fields are for technician observations; they are not factory specifications or a calibration procedure.

VEHICLE & TRANSMISSION
Model / year / VIN / actual transmission fitted

CONTROL UNIT & SOFTWARE
ECU identification / diagnostic-tool version / vehicle profile

CUSTOMER CONCERN
Symptoms / conditions / previous repairs / relevant fault codes

EXACT FUNCTION ON SCREEN
Menu path / label / documented purpose / source of verification

READINGS SAVED BEFORE CHANGES
Parameter report / screenshots / date and operating conditions

CLUTCH & ACTUATOR QUESTIONS
Baseline history / PIS or kiss-point context / position readings

Source and scope

Factory reference: Maserati MAS002929 BOL 24-06, February 21, 2024. Open the original Maserati diagnostic bulletin. This is an independent summary, not a replacement or official Maserati publication. Do not extend its procedures to ZF automatics, M138 or Lamborghini applications without applicable documentation.

A familiar scan-tool label is not proof of functional equivalence. Obtain current vehicle-specific service information before commanding a test or changing learned values. This guide does not establish a fault, authorize a repair, or guarantee a result.