7.2 PTO MANAGEMENT

The Expansion Module control unit, housed under the dashboard on the passenger side, is able to manage up to two power take-offs (PTO1, installed only on the gearbox, and PTO2).

To engage and disengage PTO1, there is a stable button (1) (Figure 2) in the central part of the dashboard and a warning light indicating:

- if off: PTO1 disengaged (a),
- if steady on: PTO1 engaged (b),
- if flashing: transient stage from (a) → (b) or from (b) → (a) in which the EM searches, respectively, to engage or disengage PTO1.

![Figure 2]

To engage and disengage PTO2, a stable type switch is required. This is the responsibility of the Bodybuilder in the same way as the connections between the PTO2 and the available connector (see Chapter 7.2 - Paragraph "Electrical connections for PTO2 connection").

7.2.1 Standard configuration of the PTO

IVECO may equip the vehicle with the EM control unit, PTO1 configured in standard mode and the activation button. This makes it possible to engage and disengage PTO1 according to the procedures indicated in the Operator's Manual of the vehicle.

7.2.2 PTO customized configuration

To activate a specific power take-off operation, the Expansion Module must be programmed by IVECO Customer Service. By following the indications provided here, the Bodybuilder is able to organise system configuration in advance.

For each PTO, IVECO Customer Service can configure different parameters:

- engagement restrictions;
- disengagement conditions;
- engine checks (engine rpm request or maximum torque limit configuration or maximum rpm limit configuration).

Note The "control parameter on the engine" cannot be configured for a CNG engine.