

# Morgan Olson C-250 Key FOB Enrollment Guide

**DELIVERY VEHICLE**  
**★SOLUTIONS**



**MORGAN**  
**★OLSON®**

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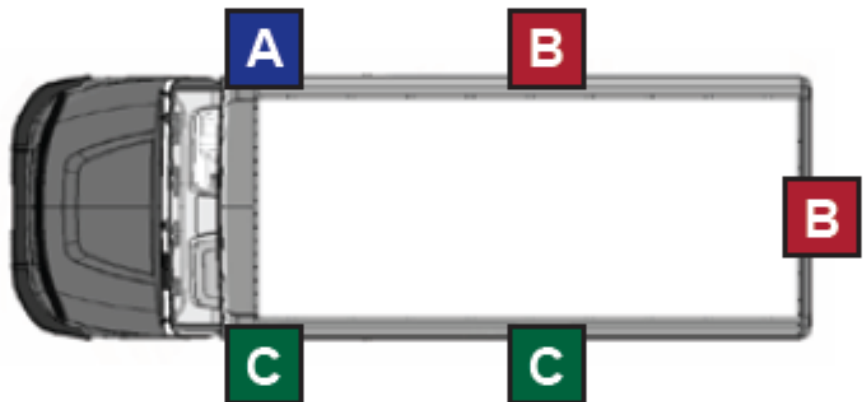
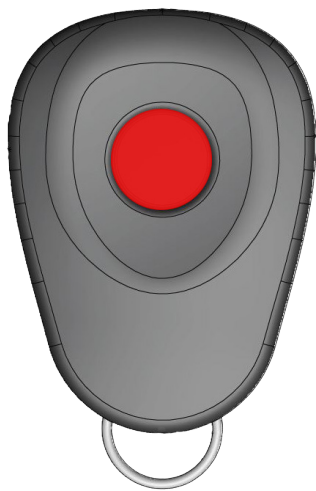
[www.morganolsonparts.com](http://www.morganolsonparts.com)

49013566 MCM RHD 150 / 239027252 FOB / 239027253 PAIRING FOB

# Keyless Operation

The cab and cargo doors are controlled by a remote control keyless entry system fob. Mechanical keys are also provided for manual unlocking.

To operate the keyless entry system, press the button in the center of the remote control fob with either a single press, double press, or press & hold, depending on which door you want to open.



## Location



Single Press

Unlock the curbside cab door



Double Press

Unlock curbside roll-up door and rear roll-up door



Press & Hold

Unlock roadside roll-up door and roadside cab door

# Pairing Fob

- Create a special version of the fob used only for pairing/deleting fobs from vehicles.
- Fobs can only be added or deleted from a vehicle with this extra piece of hardware.
- Uses the same electronics as normal fobs but requires a special software build.
- Pairing-fobs should have access restricted to authorized personnel.



Driver's Fob P/N 239027252

- Grey Housing / Red Button
- 2 per vehicle
- Used for operating the vehicle

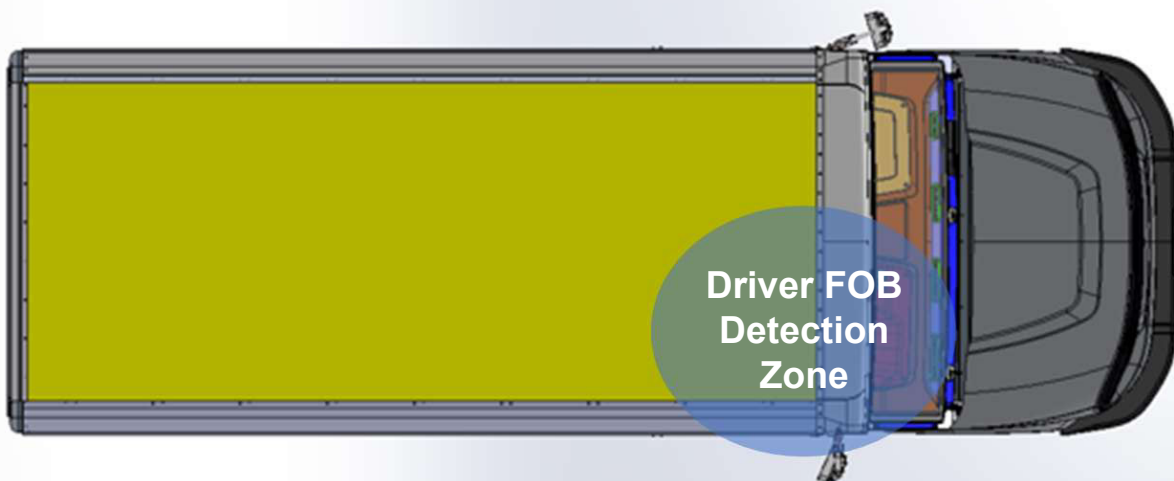


Pairing Fob 239027253

- Grey Housing / Green Button
- 1 per service center
- Used for putting the vehicle into fob pairing mode
- Cannot be used to operate the vehicle

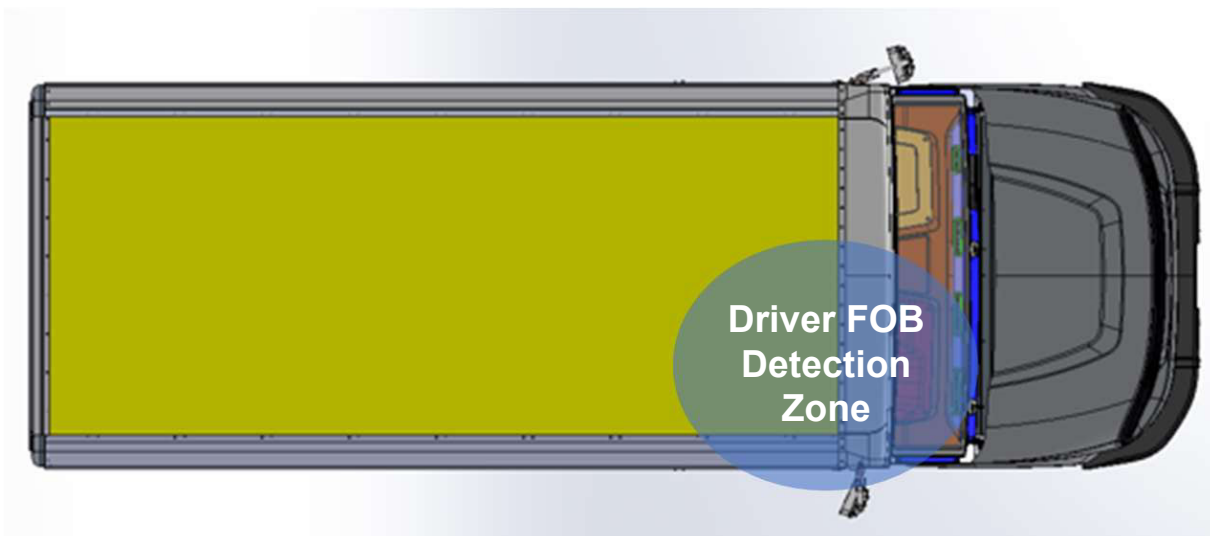
# Pairing a fob

1. If the vehicle has been left with its doors open, close and reopen at least one door before continuing to wake the vehicle.
2. Bring the pairing fob and the fob-to-be-paired, into the driver's seat area.
3. Press and hold both the brake pedal and the unlock button for 10 seconds.
  - The vehicle will try to detect the pairing-fob.
  - If detected, vehicle will respond by blinking the start/stop button's LED at a high rate (toggle every 100ms)
  - Vehicle will stay in fob pairing mode for 60 seconds if no action is taken. It will indicate the end of pairing mode by not blinking the LED.
  - You can also exit the pairing mode by releasing the brake pedal and the unlock button, then pressing the start/stop button.
4. Release the brake pedal and unlock button.
5. Using the fob-to-be-paired, press and hold the fob button for 10 seconds.
6. Vehicle will respond with:
  - Success – Two “2 second on, two second off” pulses of the start/stop button's LED if successful.
  - Fob memory full error – Four “2 second on, 0.5 second off” pulses if there are no more fob pairing slots free.
  - Any other failure - Two “5 second on, 5 second off” pulses if pairing was unsuccessful for any other reason.
  - After flash sequence, vehicle will exit the pairing mode.



# Deleting paired fobs

1. If the vehicle has been left with its doors open, close and reopen at least one door before continuing to wake the vehicle.
2. Bring the pairing fob into the driver's seat location.
3. Press and hold both the brake pedal and the unlock button for 30 seconds.
  - The vehicle will try to detect the pairing-fob after 10 seconds of holding the brake and unlock button.
  - If detected, vehicle will respond by blinking the start/stop button's LED at a high rate (toggle every 100ms)
  - Keep holding the brake and unlock button for another 20 seconds.
  - The start/stop button's LED will switch to a slower blink rate. (Every 500ms), indicating that it is ready to delete all fobs.
  - Vehicle will stay in fob delete mode for 60 seconds if no action is taken. It will indicate the end of pairing mode by not blinking the LED.
  - You can also exit the pairing mode by releasing the brake pedal and the unlock button, then pressing the start/stop button.
4. Release the brake pedal and unlock button.
5. Using the pairing-fob, press and hold the fob button for 10 seconds to confirm the deleting of all fobs.
6. Vehicle will respond with:
  - Success – Two "2 second on, two second off" pulses of the start/stop button's LED if successful. All fobs are removed from memory, use the pairing sequence to add fobs.
  - Any failure – Two "5 second on, 5 second off" pulses if the pairing was unsuccessful for another reason.
  - After flash sequence, vehicle will exit the pairing mode.



## Limited Three (3) Year Warranty

### Section One

Seller will warrant any product originally manufactured or assembled and sold by seller for a period of up to THREE YEARS.

### Section Two

The following are in lieu of all warranties; expressed; implied; or statutory, including but not limited to, any implied warranty of merchantability of fitness for a particular purpose and of any other warranty obligation on the part of seller. Seller, except as otherwise hereinafter provided, warrants the goods against faulty workmanship or defective materials for a period of up to THREE YEARS.

Seller's sole and exclusive liability shall be (at seller's option) to repair; replace; or credit buyer for such goods which are returned by buyer during the applicable warranty period set forth above, provided that (I) seller is promptly notified in writing or by phone upon discovery by buyer that such goods failed to conform and an explanation of any alleged deficiencies, (II) such goods are returned to seller, (III) seller's examination of such goods shall disclose that such alleged deficiencies actually exist and were not caused by accident, misuse, neglect, alteration, improper installation, unauthorized repair or improper testing. If seller elects to repair or replace such goods, seller shall have a reasonable time to make such repairs or replace such goods.

Seller's warranties as herein above set forth shall not be enlarged, diminished, or affected by, and no obligation or liability shall arise or grow out of, seller's rendering of technical advice or service.

Damage to products caused by the customer or during installation cannot be claimed under this warranty. All devices returned that are not covered under the seller's warranty policy, will be charged a minimum of \$25.00 for evaluation plus additional charges for components and labor to repair the device not to exceed the original selling price. Seller considers the following to be typical examples of customer or installation damage: burned or broken traces on the printed circuit board, burned or damaged components, dirt or water residue on the printed circuit board or inside the case, modifications by the customer, broken cases or housings and dead batteries.

### Section Three

A return material authorization number (RMA) must be issued by seller before any product is returned for evaluation or repair. Warranty repairs must be completed at authorized repair facilities.

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FCC Compliance and Advisory Statement. This hardware device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed or used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for help. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulations.

Canadian DOC Statement. This digital device does not exceed the Class B limits for radio noise emissions from digital apparatus specified in the interference-causing equipment standard entitled "Digital Apparatus," ICES-003 of the Department of Communications.

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

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Déclaration FCC. Cet équipement a été testé et déclaré conforme à la section 15 du règlement de la FCC. Son fonctionnement est soumis aux conditions suivantes: 1) l'équipement concerné ne doit pas causer d'interférences dangereuses, et 2) il doit accepter toute interférence reçue, y compris les interférences risquant d'engendrer un fonctionnement indésirable. Cet équipement a été testé et déclaré conforme aux limitations prévues dans le cadre de la catégorie B des appareils numériques défini par la section 15 du règlement de la FCC. Ces limitations sont stipulées aux fins de garantir une protection raisonnable contre les interférences gênantes en installation résidentielle. Cet équipement génère, utilise et diffuse des ondes radio, et s'il n'est pas installé ni utilisé en conformité avec les instructions dont il fait l'objet, peut causer des interférences gênantes avec les communications radio. Cependant, nous ne pouvons vous garantir qu'une interférence ne se produira pas dans une installation particulière. Si cet équipement produit des interférences graves lors de réceptions radio ou télévisées qui peuvent être détectées en allumant et en éteignant l'équipement, vous êtes invités à les supprimer de plusieurs manières: 1) Réorienter ou déplacer l'antenne de réception; 2) Augmenter la distance séparant l'équipement et le récepteur 3) Connecter l'équipement à un circuit différent de celui auquel le récepteur est connecté; 4) Contacter votre revendeur ou un technicien radio/TV qualifié. Toutes modifications ou tous changements effectués sans l'accord exprès de la partie responsable de la conformité aux normes pourraient contraindre l'utilisateur à ne plus utiliser son équipement. Afin d'assurer la conformité avec les règlements FCC, les câbles d'interface blindés fournis avec le produit doivent être utilisés, ainsi que tout autres composants ou accessoires également spécifiés, lors de l'installation du produit.

Déclaration du Ministère des Communications Canadien. Cet appareil numérique est conforme aux limitations concernant l'émission d'interférences radio par des appareils numériques de catégorie B, telles que stipulées dans le cadre de la norme Appareils numériques ICES-003 édictée par le Ministère canadien de l'industrie.

Cet équipement a été déclaré conforme à la norme RSS-210 édictée par le Ministère canadien de l'industrie. Son fonctionnement est soumis aux conditions suivantes: 1) l'équipement concerné ne doit pas causer d'interférences, et 2) il doit accepter toute interférence reçue, y compris les interférences risquant d'engendrer un fonctionnement indésirable.



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