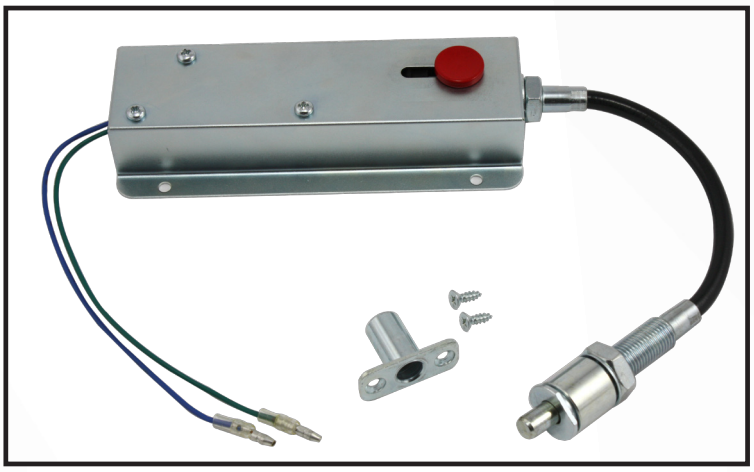
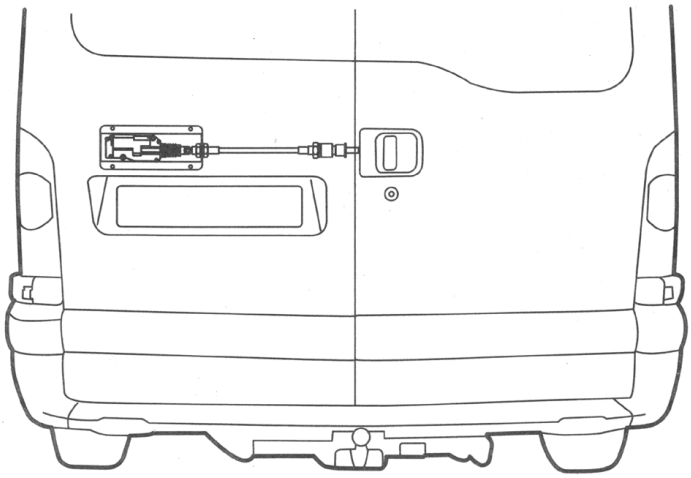
MOVIN' ON GPS
FLEET MANAGEMENT

UNIVERSAL HEAVY DUTY VEHICLE DEADBOLT LOCK KIT

MOSS-DB100



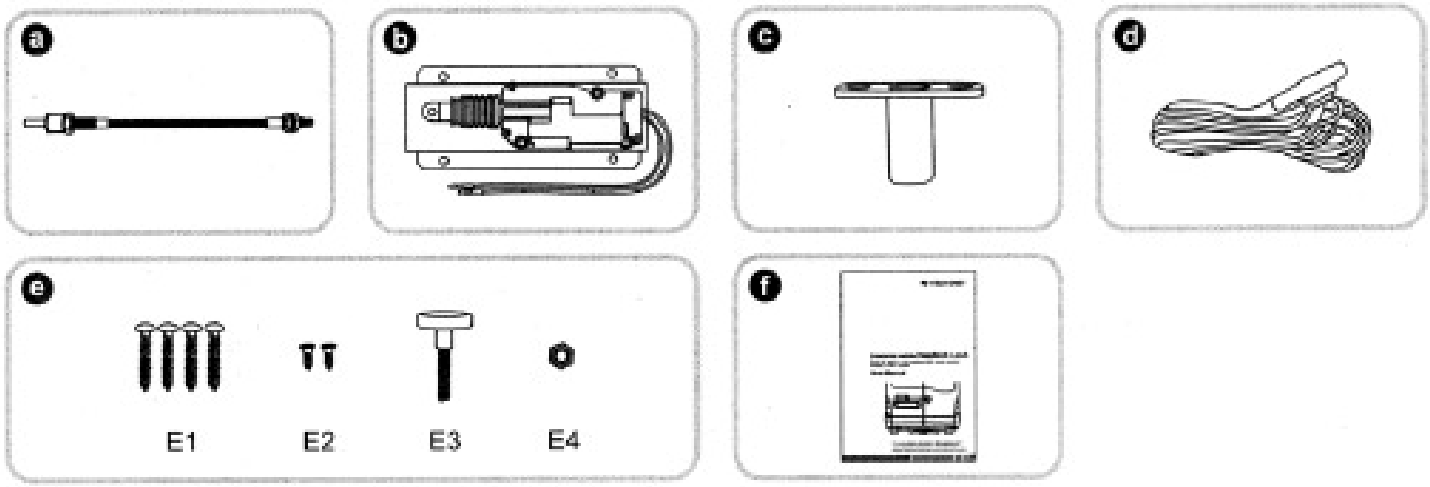


Great add-on for your existing MOSS GPS system!

G.P.S. TRACKING, FLEET MANAGEMENT & MOBILE SURVEILLANCE SYSTEMS
636 Hempstead Tpke, Franklin Square, New York 11010 | 516.489.2350 | www.movinongps.com

Content List

Description	Q'ty	Description	Q'ty
ⓐ Cable	1	ⓓ Wiring harness	1
ⓑ Deadbolt lock 170(L)x82(W)x33(H)mm	1	ⓔ Screw packs	1
ⓒ Strike plate	1	ⓕ User manual	1



E1.Screw for deadbolt lock (Ø8mm)
E2.Screw for strike plate(Ø4mm)
E3.Saftey button
E4.Nut for safety button (M4)

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Features

1. Can install for cars, vans, trucks and RV's.
2. Connecting to existing remote control door locking or alarm system.
3. Flexible cable allows easy installation.
4. Connect multiple door locks.
5. Heavy duty actuator with anti overheat protection.
6. Safety button designs for escaping.
7. No key is required to lock.
8. Works with MOSS-GPS system for remote access!

Specification

Working type	Electronic
Working voltage	12V±1.5V
Standby current	4.5A±1A
Working temperature	-30°C~+60°C
Loaded force Push/ Pull	>5.5kg(12V)
Travel distance	20.5mm±1mm
Cable resisting pulling force	>10kg
Life time	60,000 cycles or 18 months

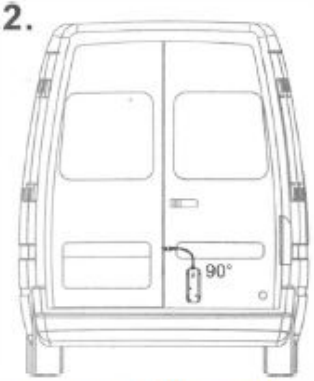
System Connection

Suggested installation:

1.

Open twin doors simultaneously.

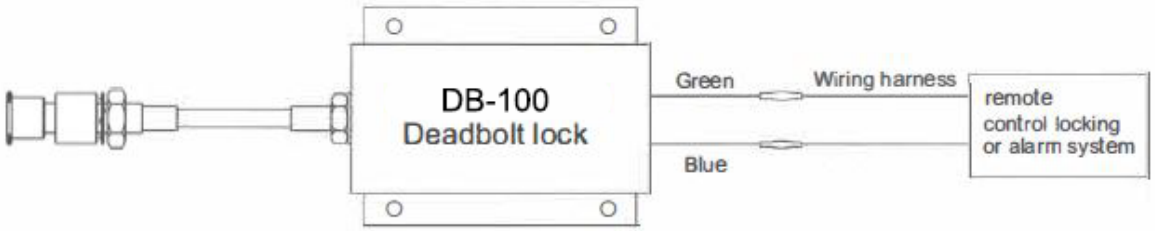
2.



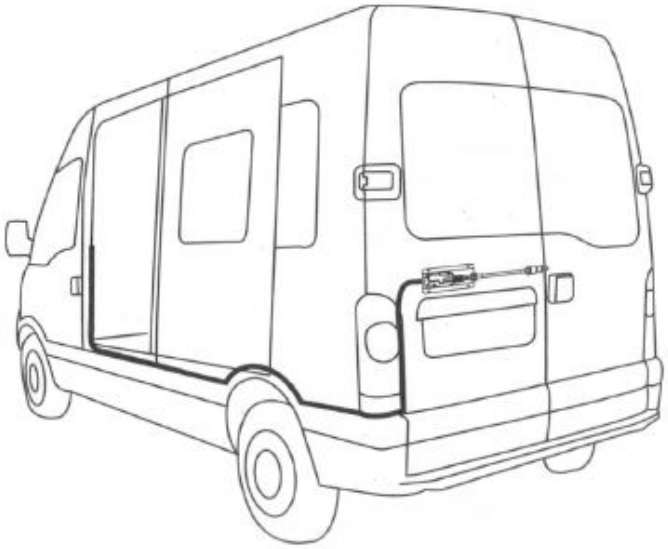
Operation same as (1) in case small space then locate by 90° for alternative. (Suggested >90° considering cable works smoothly)

3.

For single door open (control right door) Remarks: the right door to open first then the other one.



Note: Parallel connection to factory remote control door locking or alarm system. Can also be controlled by MOSS GPS system for remote access.



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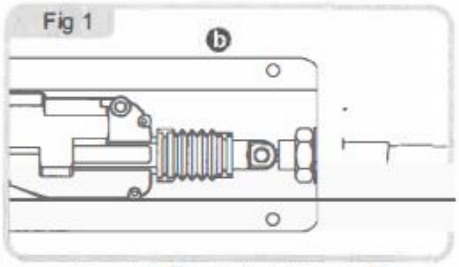
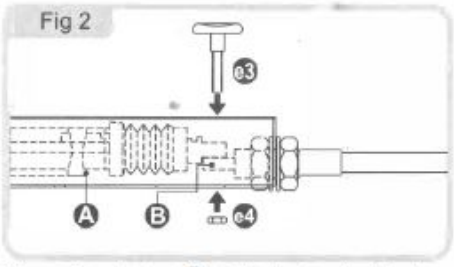
Operation Guide

Fig 1



Assemble cable (a) and deadbolt lock (b).

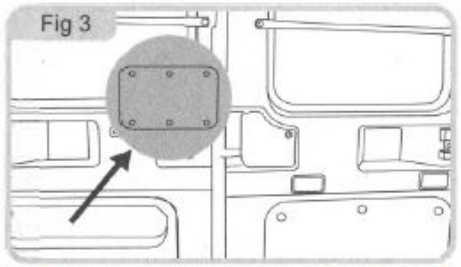
Fig 2



Use safety button (e3) to fix the deadbolt lock (A) and cable end (B) by nut (e4)

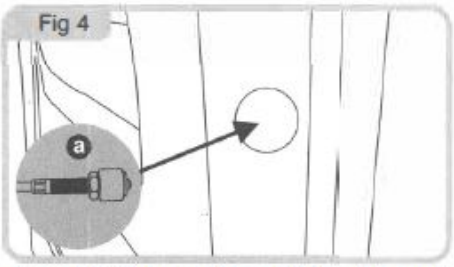
Reminder: make sure the cable function is smooth before next stop.

Fig 3



Carefully remove the door panel interior padding.

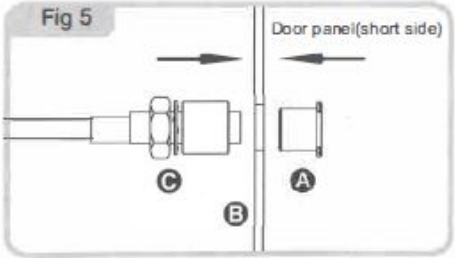
Fig 4



Place the kit in vacant space inside the panel and test to ensure the position does not hinder original mechanism as well operate the existing lock properly. Then punch a hole in a fitted position (diameter 19mm) for assembled cable (a) to go through.

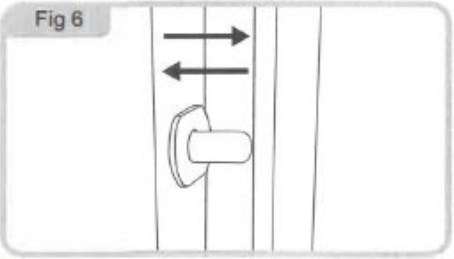
Reminder: Since door structure design is different one from another, to achieve the best performance, please locate horizontally as best placement.

Fig 5



Disamble the parts (A) & (C) of cable ends, put the cable get through the hole (B).

Fig 6



Reassemble the parts of cable and make sure the door lock works properly.

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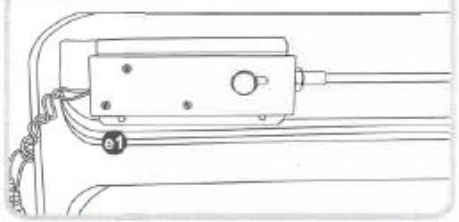
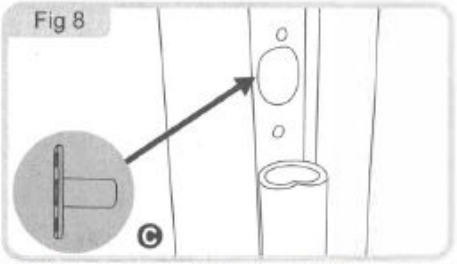
Operation Guide

Fig 7



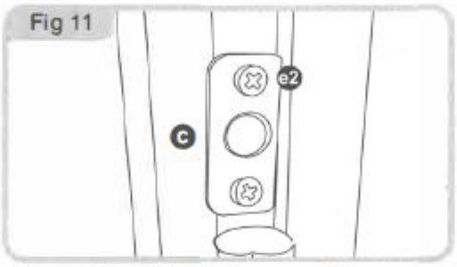
Fix deadbolt lock on panel with screws e1 which attached in packages.

Fig 8



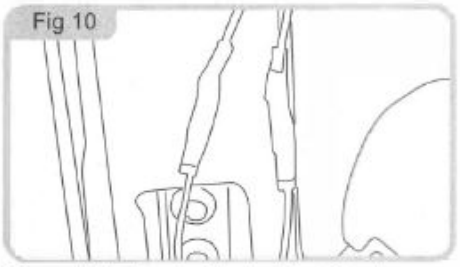
Drill the holes in the other door (1hole diameter 13mm, the other 2holes 3.5mm) for setting strike plate c. Make sure the strike plate must be mounted parallel to cable assembly and cable can be pushed straight back and forth.

Fig 11



Set up strike plate c with screws e2

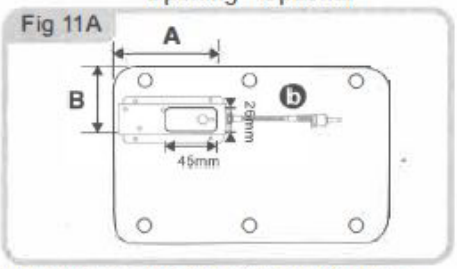
Fig 10



Connect the deadbolt lock with wiring harness d, blue to"+", green to "-"

Opening - Optional

Fig 11A



Drill a hole onto padding for operating the safety button (d4)

Reminder: Distance of A & B will depend on where you fix the safety button.

Fig 11B

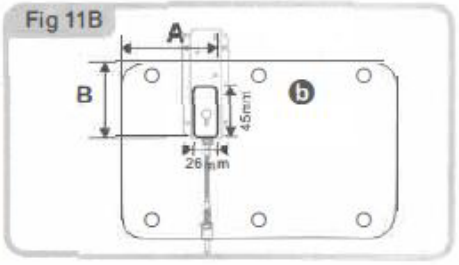
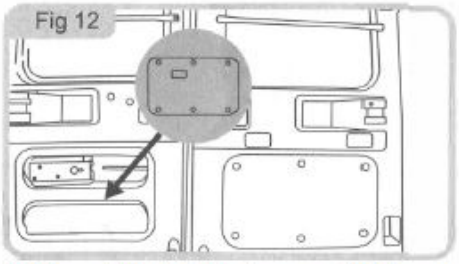
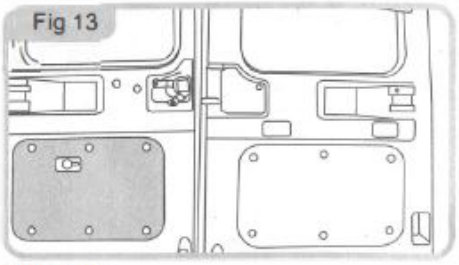


Fig 12



Put the padding back to door panel (Make sure safety button can work properly).

Fig 13



Completed.