



PEUGEOT

"ALL ROAD" VEHICLE AND 4X4

**Bipper**

Enhanced Traction



"ALL-ROAD" ALTERNATIVE

- The Enhanced Traction is a transformation realized from a production model.
- With the benefits of higher ground clearance and improved traction, the vehicle delivers improved off-road capability.



Limited-slip differential FAM



Raised suspension



Underbody protections



"All-road" tires



RECOMMENDED PRODUCT	07-62-T3-185
JUNE - 2009	



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Enhanced Traction

## VEHICLE

BIPPER (without ESP)

### Engines :

1,4Hdi 70hp incompatible with automatic gearbox

## PRODUCT DESCRIPTION

### Enhanced traction:

- The limited-slip differential takes place of the original differential.

### Underbody Protections:

- A front "ski" is installed under the engine and gearbox
- Sheets in metal protect the brake cables and fuel lines

### Increased vehicle ground clearance:

- Original suspension is raised
- The heavy duty suspension is increased by approximately 25mm

### Tires:

- The vehicle is equipped with "all-roads" or mixed snow/mud tires for difficult ground

## USE

- A vehicle which is equipped with reinforced traction system asks no specific skills of the user.
- The limited-slip differential FAM functions automatically without manipulations of the user.

**\*Important :** It's recommended to follow the instruction of FAM Automobiles which is in the complementary notice

## OPERATION



- With a classic differential, if driving wheels have different grip condition, all the motor torque is transferred at the wheel which has the less sticking. Wheels do not grip and the vehicle stop.
- On vehicles which are equipped of the reinforced traction, the limited-slip differential transfer until 25% of engine torque on the wheel which has the best grip.
- The vehicle is able to continue advancing, what allow taking out of difficult situations

