

F I A T P A N D A



A D V E N T U R E

This supplement illustrates the main features of the Fiat Panda Adventure, in addition to providing some advice for use. For anything not dealt with, refer to the Owner Handbook in which this Supplement is enclosed.

TRANSMISSION FIAT PANDA ADVENTURE

Fiat Panda Adventure is equipped with a 4 x 4 transmission system comprising two differentials and an electronically controlled joint

Thanks to this system, the insertion of the four wheel drive takes place automatically (i.e. without requiring any action by the driver) and allows for optimal distribution of drive torque between front and rear axis, in conditions of low adherence.

Fiat Panda Adventure runs easily over snow, ice, mud and unmade roads, even where slopes are fairly steep.

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OUTFIT

This version is available in the following versions:

2-seater version

- ☐ No rear seat;
- ☐ fixed tubular wall separating the load area from the passenger compartment;
- ☐ load platform extended to the dividing wall;
- ☐ rear side windows (load compartment) fixed and darkened and darkened rear window;
- ☐ spare wheel same size as wheels supplied (space-saver spare wheel for versions/markets, where provided);
- ☐ 4 load-holding hooks.

4-seater version

- ☐ Rear seat for only two seats with three point seatbelts and reel;
- ☐ fixed tubular wall separating the luggage area from the passenger compartment (for versions/markets, where provided);
- ☐ spare wheel same size as wheels supplied.

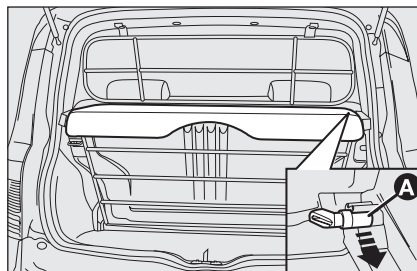


fig. 1

LUGGAGE SHELF

(for versions/markets, where provided)

To make use of the luggage compartment easier, the shelf can be removed. To remove, release the two pins **A**-fig. 1 (one each side) from their respective positions, pulling the shelf towards the outside.

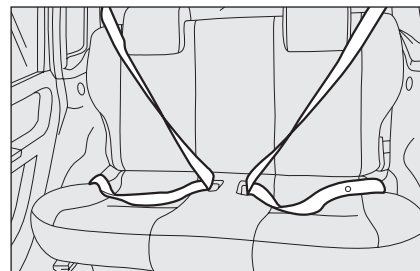


fig. 2

SEAT BELTS

In the four-seater versions, the rear seats include two three-point seatbelts with reel, as shown in **fig. 2**.

ABS SYSTEM

The ABS system with this version is supplied as standard, and consists of:

- ☐ EBD (Electronic Braking force Distribution), which distributes the braking action between front and rear wheels;
- ☐ MSR (Motor Schleppmomenten Regelung - Regulation of engine braking torque), that intervenes in the event of sudden changes of gear whilst driving (avoiding wheel blockage when decelerating, upon releasing the accelerator), giving torque back to the engine, thereby avoiding excessive drag of the driving wheels that, particularly in poor grip conditions, can lead to a loss of vehicle stability.

REPLACING A WHEEL

General instructions

The vehicle is originally supplied with a spare wheel of the same size as those fitted (space-saver spare wheel for versions/markets, where provided).

Wheel changing and correct use of the jack and spare wheel (space-saver spare wheel for versions/markets, where provided) call for some precautions reported in the Use and Maintenance manual to which this supplement is attached.

To change a wheel proceed as follows:

- ☐ stop the car in a position so that it is not a danger for on-coming traffic and where you can replace the wheel safely. The ground must be flat and compact;
- ☐ Turn the engine off and pull up the handbrake.
- ☐ Engage first gear or reverse;

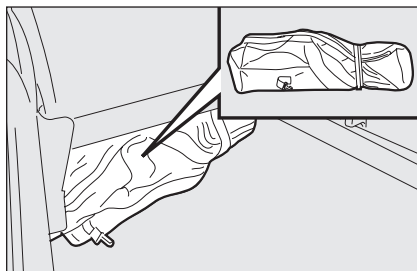


fig. 3

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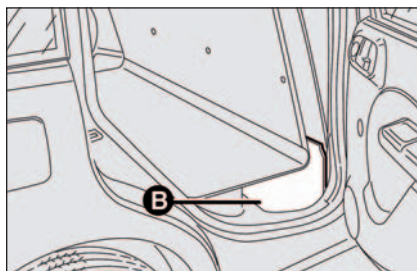


fig. 4

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- ☐ take the tool bag **fig. 3** positioned under the driver's seat (4-seater version) or between the dividing wall and passenger seat **fig. 4** (2-seater version, accessible from the right rear door) and take it next to the wheel to be changed;
- ☐ loosen the fastening device **B-fig. 5**;
- ☐ take the spare wheel (space-saver spare wheel for versions/markets, where provided) **A**;

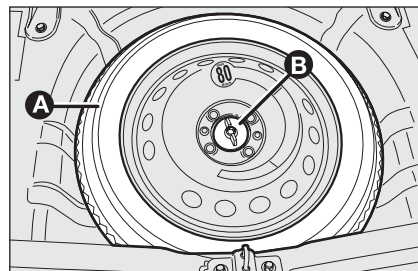


fig. 5

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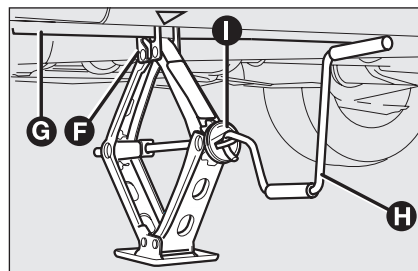


fig. 6

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- ☐ turn the jack crank to open it partially;
- ☐ position the jack close to the wheel to be changed, at the sign ▼ reported on the longeron **fig. 6**;
- ☐ ensure that the groove **F** of the jack is well fitted onto the tab **G** of the longeron;

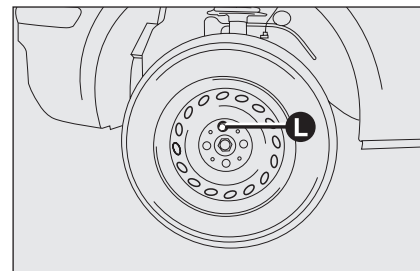


fig. 7

F0G0233m

- ☐ warn anybody nearby that the car is about to be lifted. They must stay clear and not touch the car until it is back on the ground;
- ☐ fit the handle **H-fig. 6** into the jack device **I** and lift the car until the wheel to be changed is several centimetres off the ground; Turn the crank, take care that rotation takes place freely, with no risk of grazing hands due to friction with the ground. The moving parts of the jack (screws and joints) can also cause injury: do not touch them. If you come into contact with lubricating grease, clean yourself thoroughly;
- ☐ remove the hub cap, fully unscrew the bolts **L-fig. 7** and remove the wheel;

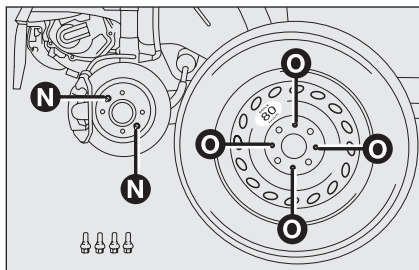


fig. 8

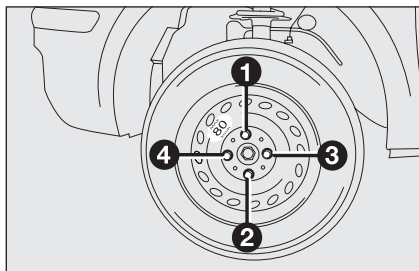


fig. 9

- ☐ ensure that the spare wheel (space-saver spare wheel for versions/markets, where provided) support surfaces are clean and free of impurities that could later cause the bolts to loosen;
- ☐ mount the spare wheel (space-saver spare wheel for versions/markets, where provided), ensuring that the pins **N**-fig. 8 are aligned with one of the holes **O** on the wheel;
- ☐ screw the 4 fixing bolts;

- ☐ turn the jack handle to lower the car and remove the jack;
- ☐ fully tighten the bolts, passing alternatively from a bolt to the opposite one, following the order shown in **fig. 9**.

When you have finished

- ☐ replace the partially open jack and equipment used in the tool bag;
- ☐ re-organise the tool bag, complete with tools, replacing it in its original position.

WARNING The spare wheel must be placed in the boot, under the carpet, as shown in **fig. 10**.

WARNING Do not use inner tubes with Tubeless tyres. Check pressure of tyres and spare wheel on a regular basis.

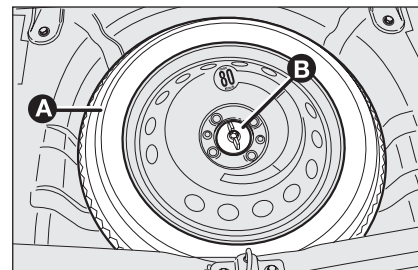


fig. 10

WASHING THE CAR

After using the vehicle off-road (with significant contact of wheels, bodywork, below-engine covers and underbody protection), please remember that you should always wash it, cleaning the radiators carefully (engine cooling and conditioner), the radiator fan, the wheels (rims and wheel-houses), the protection covers below the engine and underbody. This will help preserve correct radiator operation in addition to ensuring good ventilation of the brake discs and perfect balance of the wheels. It will also guarantee that the transmission shaft functions correctly.

TOWING THE CAR

The vehicle can only be towed in one of the following ways (and always with the engine off, gear set to neutral and hand brake off):

- with the 4 wheels on the road base;
- with the front wheels raised or resting on an emergency vehicle and the rear wheels resting on a specific trolley;
- with the rear wheels raised or resting on an emergency vehicle and the front wheels resting on a specific trolley;
- loaded on the platform of the emergency means, with all 4 wheels on the platform.


TOWING TRAILERS

WARNING In the event of prolonged vehicle use at maximum tow capacity on slopes, please replace engine oil more frequently (every 10,000 km).

With regards to the warnings and provisions for the installation of the tow hook, please see that specified in the attached Use and Maintenance manual.

The following is merely the description of assembly with the new hook fixing points.

ASSEMBLY DIAGRAM fig. 11

The tow hook structure must be fastened in the points shown by the symbol  with a total of 4 M8 screws, 2 M12 screws. The internal plates 1 must be 6 mm thick. The hook should be fastened to the body avoiding any type of drilling and trimming of the rear bumpers that remains visible when the hook is removed.

IMPORTANT It is compulsory to fasten a label (plainly visible) of suitable size and material with the following wording: MAX LOAD ON BALL 60 kg

After fitting, screw holes shall be sealed to prevent exhaust gas inlet.

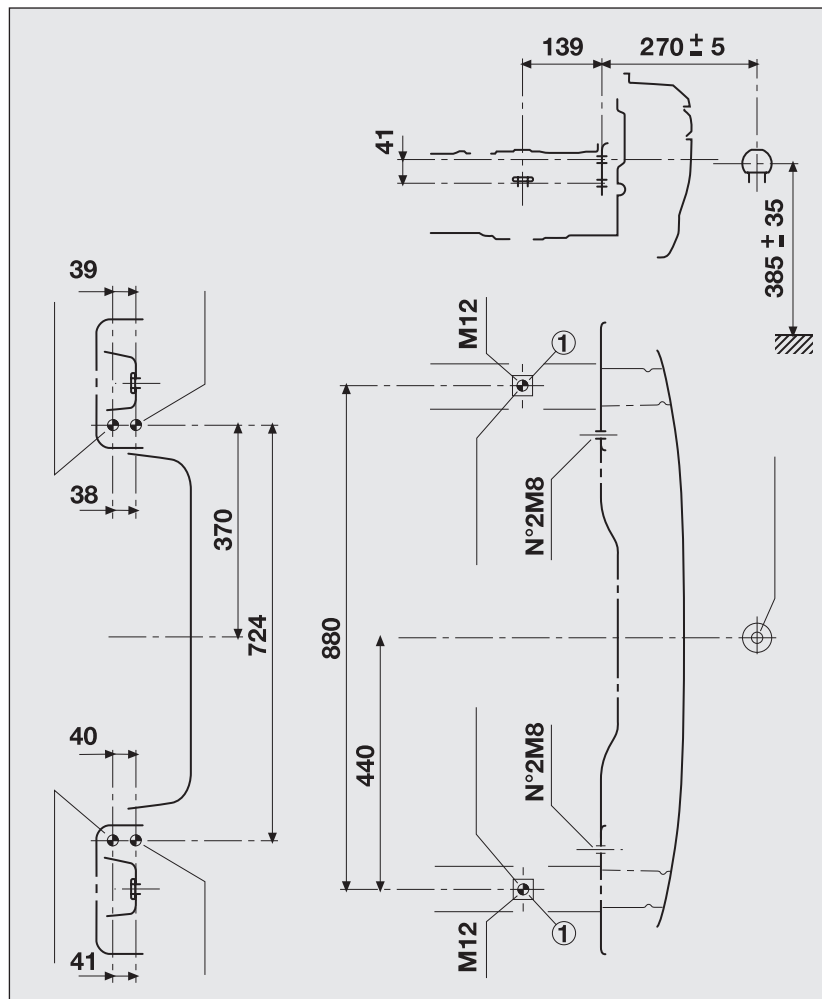


fig. 11

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MAINTENANCE SCHEDULE

Thousands of kilometres	20	40	60	80	100	120	140	160	180
Check tyre condition/wear and, if necessary, adjust pressure	●	●	●	●	●	●	●	●	●
Check lighting system operation (headlights, direction indicators, hazard lights, passenger compartment lights, boot lights, instrument panel warning lights, etc.)	●	●	●	●	●	●	●	●	●
Check windscreen wiper/washer operation, adjustment of spray nozzles	●	●	●	●	●	●	●	●	●
Check position/wear of front/rear windscreen wiper blades	●	●	●	●	●	●	●	●	●
Check front disk brake pad conditions and wear	●	●	●	●	●	●	●	●	●
Check rear disc brake pad condition and wear		●		●		●		●	
Visually inspect the condition of: bodywork, underbody protection, pipes and hoses (exhaust - fuel - brakes), rubber parts (boots, hoses, bushes, etc.)	●	●	●	●	●	●	●	●	●
Check cleanness of locks, bonnet and boot and lever cleanness and lubrication	●	●	●	●	●	●	●	●	●
Check tension and conditions of various accessory drive belts (except for engines with automatic take-up devices)	●								
Visually inspect the condition of the accessory drive belt		●		●		●		●	
Check and adjust tappets (petrol versions)		●		●		●		●	
Check handbrake stroke adjustment		●		●		●		●	
Check anti-evaporation system (petrol versions)				●				●	

Thousands of kilometres	20	40	60	80	100	120	140	160	180
Replacement of air filter cartridge (every 30,000 km/for 1.3 Multijet engine)			●			●			●
Top up liquids if required (engine coolant, brakes, windscreen washer, battery, etc.)	●	●	●	●	●	●	●	●	●
Check timing belt conditions (excluding 1.3 Multijet engine)			●						●
Replace timing belt (*) (excluding 1.3 Multijet engine)						●			
Replace spark plugs (petrol versions)		●		●		●		●	
Check operation of engine management systems (using diagnostic socket)		●		●		●		●	
Check mechanical gearbox fluid level				●				●	
Replacement of engine oil and oil filter (every 30,000 km/for 1.3 Multijet engine)	●	●	●	●	●	●	●	●	●
Change brake fluid (or every two years)			●			●			●
Replace pollen filter (or once a year)	●	●	●	●	●	●	●	●	●
Check exhaust emissions/smokiness (1.3 Multijet engines)		●		●		●		●	
Replace fuel filter (Green filter) (1.3 Multijet engine)			●			●			●

(*) Or every 3 years if the vehicle is used in one of the following particularly demanding conditions:

- prolonged use in hot/cold climates,
- city use with long standing with engine idling,
- use on particular dusty roads or roads sprinkled with sand and/or salt.

Or every 5 years regardless of mileage and conditions of use of the car.

ENGINE CODES

Versions	Engine	Engine code
Fiat Panda Adventure	I.2	I88 A 4000
	I.3 Multijet	I88 A 8000

BODYWORK VERSIONS

Versions	Engine	Bodywork codes	
		2-seater	4-seater
Fiat Panda Adventure	I.2	I69 AXB2A 04L	I69 AXB2A 04M
	I.3 Multijet	I69 AXC2A 05M	I69 AXC2A 05N

RIMS AND TYRES

The tyres on this version have been designed to yield the best possible balance between road performance and performance on non-asphalted and/or snow and icy ground. These tyres are marked by a high capacity to run on off-road conditions and good driving both on snowy/icy ground and on wet/dry ground.

Version	Rims	Tyres	Spare wheel	
			Rim	Tyre
Fiat Panda Adventure	5,5J X 14	165/70 R14 81T M+S	5,5J X 14 4.00B X 14 (*)	165/70 R14 81T M+S 135/80 R14 84P (*)

(*) Space-saver spare wheel for versions/markets, where provided

INFLATION PRESSURE (bar)

2-SEATER

Versions	Medium load		Full load	
	Front	rear	front	rear
I.2	2,3	2,3	2,3	2,5
I.3 Multijet	2,3	2,3	2,3	2,5

4-SEATER

Versions	Medium load		Full load	
	Front	rear	front	rear
I.2	2,2	2,0	2,3	2,3
I.3 Multijet	2,3	2,1	2,3	2,3



Please do not drive for long distances with the wheels not at the prescribed pressure (wheels partially or totally flat), as this may damage the viscous joint.

SNOW CHAINS

Use of snow chains should be in compliance with local regulations.

Chains can be fitted on 165/70 R14 81T M+S tyres. For tyres to which chains can be fitted, only use compact chains (maximum extension beyond tyre profile 9 mm).

Use of Lineaccessori Fiat snow chains is recommended.

Check the tension of the chains after the first few metres have been driven.



The snow chains may be applied only onto the front wheel tyres.



WARNING

Keep your speed down when snow chains are fitted. Do not exceed 50 km/h. Avoid potholes, steps and pavements and also avoid driving long distances on roads not covered with snow in order to prevent damaging the car and the roadbed.

TRANSMISSION

Gearbox	Five forward gears plus reverse with synchronisers for forward gears
Clutch	Self-registering with play-less pedal
Drive	Automatic insertion by means of electronically controlled joint and two differentials

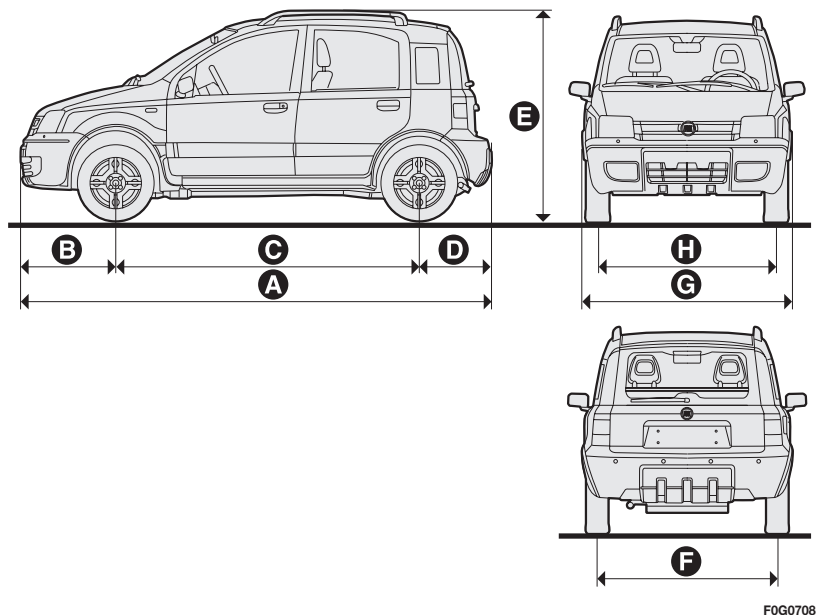
STEERING SYSTEM

Fiat Panda Adventure	
Type	rack and pinion with electric power steering
Steering circle (kerb to kerb)	9,6 m

DIMENSIONS

Dimensions are expressed in mm and refer to the vehicle equipped with its original tyres.

Height is measured with vehicle unladen.



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Versions	A	B	C	D	E	F	G	H
Fiat Panda Adventure	3574	721	2305	548	1632	1358	1605	1366

LOAD COMPARTMENT

		2-seater version	4-seater version
Maximum length	mm	1150	480
Maximum width	mm	1220	1020
Width between wheel arches	mm	1020	1020
Maximum height	mm	1000	800
Height of load platform from ground	mm	560	540
Load compartment volume	dm ³	1000	275

PERFORMANCE

Fiat Panda Adventure		
	1.2	1.3 Multijet
Top permissible speed after initial car use in km/h.	145	150

CAPACITIES

		1.2	1.3 Multijet	Recommended fuels and recommended products
Gearbox casing/differential:	litres	2,7	2,7	TUTELA CAR TECHNYX (*)
Rear differential:	litres	0,6	0,6	TUTELA CROSS 75W85 (**)

(*) Synthetic oil **SAE 75W-85**. Exceeds specifications API GL4 PLUS, MIL - L - 2105 D Lev

(**) Synthetic oil **SAE 75W-85**. Exceeds specifications API GL5, MIL - L - 2105 D Lev

WEIGHTS

Weights (kg)	2-seater		4 posti	
	petrol	Multijet versions	petrol	Multijet versions
Kerb weight (with supplies, spare wheel, tools and accessories):	980	1075	990	1085
Payload (*) including the driver:	445	445	445	445
Maximum permitted loads (**)				
– front axle:	750	825	750	825
– rear axle:	745	745	745	745
– total:	1425	1520	1435	1530
Towable loads				
- braked trailer:	800	900	800	900
- non braked trailer:	400	400	400	400
Maximum load on tow hitch(trailer with brakes):	60	60	60	60
Maximum load on roof (***):	50	50	50	50

(*) If special equipment is fitted (sun roof, trailer towing equipment, etc.) the unladen weight will increase and consequently the payload will decrease in relation to the maximum permitted loads.

(**) Loads not be exceeded. The user is responsible for arranging goods in the luggage compartment and/on load carrying platform within the maximum permitted loads.

(***) Lineaccessori Fiat range roof racks, maximum capacity: 50 kg.

FUEL CONSUMPTION

The fuel consumption figures given in the table below are determined on the basis of the homologation tests laid down by specific European Directives.

The procedures below are followed for measuring consumption:

- ☐ urban cycle: cold starting followed by driving that simulates urban use of the car;
- ☐ extra urban cycle: driving simulating the use of the vehicle in a non-urban situation with frequent acceleration in all gears; the speed varies between 0 and 120 km/h;
- ☐ combined consumption: calculated weighing about 37% of urban cycle consumption and about 63% of extra urban consumption.

WARNING The type of route, traffic situations, weather conditions, driving style, general conditions of the car, trim level/equipment/accessories, load, climate control system, roof rack, other situations that affect air drag may lead to different fuel consumption levels than those measured.

WARNING To optimise fuel consumption, where the road is flat and the engine warm (after 3 or 4 minutes from start-up), we recommend starting in second gear.

According to European Directive in force (litres / 100 km)

	Urban	Extra urban	Combined
1.2	7,9	5,8	6,6
1.3 Multijet	6,7	4,2	5,2

CO₂ EMISSIONS

According to European Directive in force (g / 100 km) referred to combined consumption.

1.2	155
1.3 Multijet	136

