

## CF FAD+V 10x4 2+3 CONFIGURATION W/ CENTRAL STEERING AXLE DAF CF-OFF FAD 8x4



### DESCRIPTION

Solution developed by System Truck for the application of a central (pusher) axle with a **9-ton** capacity<sup>1</sup> on the off-road vehicles of the FAD range - CF series (8x4\*4); with DAF LONO<sup>2</sup> and dedicated preparation from the factory (POV).

The conversion to a 5-axle vehicle (10x4\*6) is carried out through the application of a pusher **axle** with single wheels, **steering hydraulically**, with disc brakes. The suspension is pneumatic and features the axle lifting device with automatic drop function<sup>3</sup>. It also benefits from a traction control system for increased grip which can be used up to a speed of 30 km/hr.

System Truck's [Technology](#) system for the hydraulic control of the added axle steering is completely independent from the front steering system and therefore does not affect in any way the original vehicle driving comfort.

The converted vehicle is available with a technical report issued by TÜV that can be used for testing and registration<sup>4</sup>.

<sup>1</sup> Technical maximum allowed weight.

<sup>2</sup> LONO (Letter Of No Objection) reference: **SERA 2021.970.Q035**

<sup>3</sup> Operation of the axle lift function is in accordance with EC directive 1230/2012.

<sup>4</sup> Where it is accepted by the competent authorities. Local registration is the responsibility of DAF and its possibility and modes must be verified each time for the specific market.

## TECHNICAL NOTES

Specifications of the **base vehicle** for the conversion to 10x4\*6 2+3 central<sup>5</sup>:

Model	<b>DAF CF-OFF FAD 8x4*4</b>	
Suspensions	1 <sup>st</sup> - 2 <sup>nd</sup> axle	8-t parabolic (DAF code 167N)
	3 <sup>rd</sup> - 4 <sup>th</sup> axle (drive axles)	Mechanical leaf spring (DAF code HR1670T)
Wheelbase (centre of tandem) (mm)	5700	

Other	Factory preparation for the conversion to 10x4 (POV) <sup>6</sup>	
	Preparation for 20 kW hydro pump	(DAF option 09533)
	Analogue body signals and warnings	(DAF option 07821)
	No tyre pressure monitoring	(DAF option 08101)
	No axle load monitoring	(DAF option 08190)
	No vehicle stability control	(DAF option 09490)

Specifications of the **vehicle converted** to 10x4\*6 2+3 central:

Model	<b>DAF CF-OFF FAD+V 10x4*6</b>		
Suspensions added central axle	Pneumatic		
Wheelbase (mm)	5700		
Distance between axles (mm)	3 <sup>rd</sup> – 4 <sup>th</sup> axle	1410	
Maximum allowed weights (technical) (kg)	1 <sup>st</sup> axle	8000	or
	2 <sup>nd</sup> axle	8000	
	3 <sup>rd</sup> axle	9000	
	4 <sup>th</sup> axle (drive axle)	13000	
	5 <sup>th</sup> axle (drive axle)	13000	
GVW <sup>7</sup> (max) (kg)	47000 (technical)		

The original **diesel tank** is replaced by two 160-l tanks, positioned respectively to the right and left of the chassis and connected to each other, specially designed to allow the application of the central axle.

*To evaluate configurations of the base vehicle or layouts of the converted vehicle other than those indicated, we recommend that you request a consultation to System Truck technicians.*

**For any further information and to ask for custom designed solutions to meet your specific needs, please don't hesitate to contact our Commercial Office:**  
**T +39 (0)376 1590804 [commerciale@st-truck.com](mailto:commerciale@st-truck.com)**

<sup>5</sup> We recommend that a consultation is requested to our technicians to define the correct configuration of the base vehicle to be ordered to DAF before placing such order.

<sup>6</sup> Preparation to be defined together with System Truck and DAF technicians. See note 4.

<sup>7</sup> Gross Vehicle Weight.