

## Engine does not start, left engine mount bolt deformed or broken

Topic number	LI22.10-N-071666
Version	1
Function group	22.10 Engine mounts, engine brackets
Date	08-31-2020
Validity	Model 906, 907 with engine 651, 642
Reason for change	Damage code added
Reason for block	

### Complaint:

Knocking, rattling noise from vehicle front end while driving.  
After switching off, the engine does not re-start the next time.  
Starter is not activated by operation of the ignition/starter switch.  
Terminal 30 voltage and signal voltage present at starter.

### Cause:

Mounting bolt for left engine mount (engine carrier to engine mount) loose, deformed or broken.  
As a result, there is a break in the ground connection to the engine and the engine does not start.

Attachments	
File	Description
Motorlager lose.JPG	Mounting bolt loose
Befestigungsschraube gebrochen.JPG	Mounting bolt broken

### Remedy:

Replace mounting bolt for left engine mount. Fasten bolt and ground line (tightening torque 58 Nm).  
If necessary, replace left engine mount, if engine mount has consequential damage.

Symptoms
Power generation / Engine noise / Noise
Power generation / Engine management / Engine start/stop / Does not start

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
N 910105 010012			Bolt	1	Engine support to engine mount - Tightening torque 58 Nm	X

Operation numbers/damage codes
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# XENTRY TIPS

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Op. no.	Operation text	Time	Damage code	Note
			24002 06	Bolt/nut of front engine carrier broken
			24002 38	Bolt/nut of front engine carrier loose

## WIS-References

Document number	Title	Note	Allocation
AR22.10-D-4330TSR	Remove/install front engine mount	Engine 651 in model 907	Remedy
AR22.10-D-4330TSV	Remove/install front engine mount	Engine 642 in model 907	Remedy
AR22.10-D-4330WE	Remove/install front engine mount	ENGINE 651.955 /956 /957 in MODEL 906	Remedy

## Validity

Vehicle	Engine	Transmission
Sprinter 907	651	*
Sprinter 907	642	*
Sprinter III	651	*
Sprinter III	642	*

## Attachments

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# XENTRY TIPS

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Motorlager lose.JPG:



Befestigungsschraube gebrochen.JPG:

