
	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 1 out of 14	Retrofitting		

Tank lid, 180 l

1 Introduction

These installation instructions put you in the position to retrofit the tank lids safely as intended.

- > Please read these installation instructions carefully before installing the tank lids.
- > Keep these installation instructions ready and available at all times.
- > Comply with all safety instructions in these installation instructions at all times.
- > Please also observe the original operating manual for the MilchMobil.


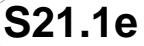

2 For your safety

2.1 Target group

2.1.1 Necessary qualifications of the service technician

Only trained service technicians are authorized to install the tank lids.


Service technicians are electricians with appropriate qualifications, i.e. they are able to assess the work assigned to them and detect potential risks on the basis of their technical training as well as their knowledge of the relevant standards. This also includes knowledge of relevant accident prevention


 	Service info Tanklid	
	Re: MilchMobil 180 Liter	
	Date 2nd of July 2013	
Page 2 out of 14	Retrofitting	


regulations, generally accepted safety regulations, EC guidelines and country-specific standards and provisions.

2.2 Indication of hazards

Hazards are indicated by a key word and a corresponding symbol, depending on the severity and probability:

	Danger! For an imminent danger, resulting in serious injuries or death.
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	Warning! For a potentially dangerous situation which may cause serious injuries or even death.
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	Caution! For a potentially dangerous situation which may cause minor injuries or material damage.
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Attention	For a potentially harmful situation in which the product or an item can become damaged within its environment.
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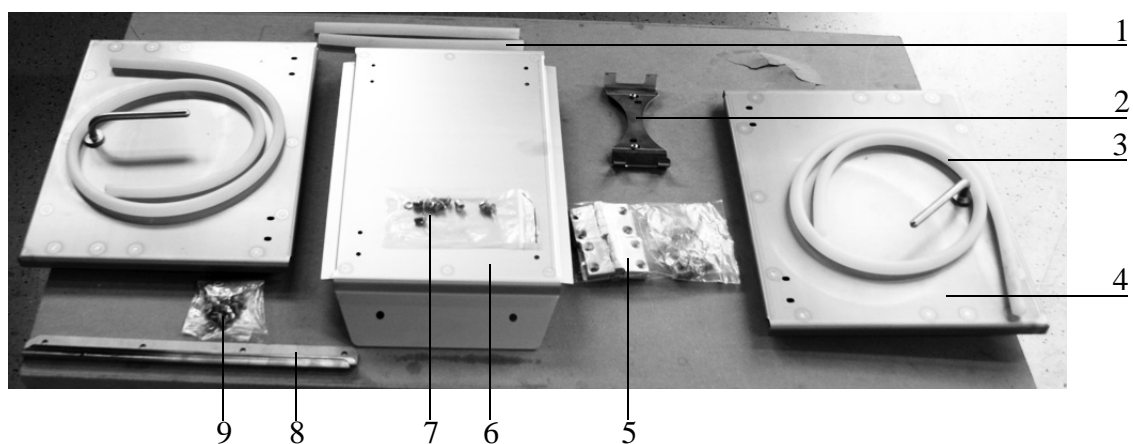
Note	For application notes and other useful information.
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However, it is just as important to comply with any other notes and information which are not highlighted, so as to avoid failures which in turn may cause direct or indirect injuries or material damage.


FÖRSTER TECHNIK® S26.2e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 3 out of 14	Retrofitting		

3 Scope of delivery

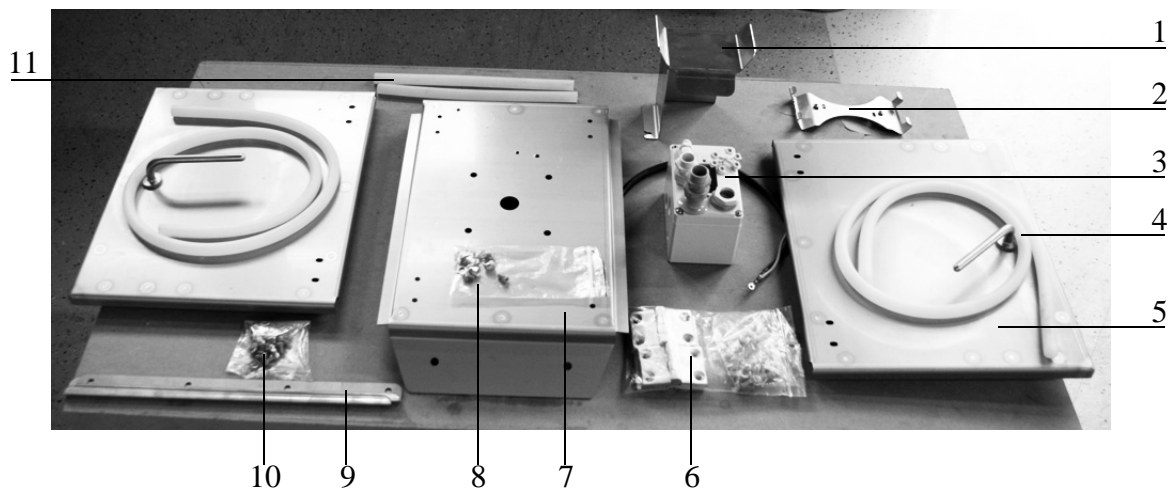
3.1 Version without the mixer (MMT and MMH)



1	280 mm seal for the mounting bridge (2x)	6	Mounting bridge
2	Lid holder with fastening screws and reinforcement	7	Fastening material for the mounting bridge
3	1280 mm seal for tank lid (2x)	8	Reinforcement strip for tank
4	Tank lid (2x)	9	Fastening material for reinforcement strip
5	Hinges with fastening material		

FÖRSTER TECHNIK® S21.1e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 4 out of 14	Retrofitting		

3.2 Version with the mixer (MMM and MMK)




1 Holder for motor circuit breaker	7 Mixer bridge
2 Lid holder with fastening screws and reinforcement	8 Fastening material for the mixer bridge
3 Motor circuit breaker with screw connection and connecting cable	9 Reinforcement strip for tank
4 1280 mm seal for tank lid (2x)	10 Fastening material for reinforcement strip
5 Tank lid (2x)	11 280 mm seal for the mixer bridge (2x)
6 Hinges with fastening material	

4 Installing the tank lid

4.1 Version without the mixer (MMT and MMH)

1. Make sure that all cables for the MilchMobil are disconnected safely from the mains.
2. Remove the cable holder for the heating (if present).

FÖRSTER TECHNIK® S26.2e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 5 out of 14	Retrofitting		

- Determine the center of the long side of the tank and the center of the mounting bridge so that you can drill the holes (ø6 mm) for fastening purposes (see figure).




1. Mounting bridge
2. Tank

- Press the two 280 mm seals into the recesses of the mounting bridge. In doing so, make sure that the seal is approx. 2 cm over the edge on both sides (see figure).



1. Seal

- Fasten the mounting bridge on the tank.
- Determine the center of the tank (at the front) and place the marked center of the drilling template flush against the edge of the tank.

FÖRSTER TECHNIK® S21.1e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 6 out of 14	Retrofitting		



1. Template

7. Mark the center points of the holes on the tank and drill the appropriate holes (Ø6 mm).
8. Hold the reinforcement strip from the inside and against the tank and screw it down on the tank. If a cable holder for the heating is present, screw it on together with the reinforcement.


Note	Apply a little bonding agent (e.g. Loctite) in the cap nuts in order to achieve a strong connection.
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1. Reinforcement

2. Tank

9. Fasten the supplied hinges onto the tank lid.
10. Fasten the free sides of the hinges onto the mounting bridge.

FÖRSTER TECHNIK® S26.2e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 7 out of 14	Retrofitting		

11. Press the 1280 mm seal into the tank lid such that it fits tightly. Start in the center on the underside of the tank lid and guide the seal around the corners without tensioning it, otherwise it will get damaged.



1. Seal


Attention	Do not shorten the seal as the tank lid would otherwise no longer be leak-proof.
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Note	If the latch for the tank lid does not close correctly, then you can adjust the pressure point by moving the reinforcement strip in the tank.
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12. Subject the MilchMobil to a functional inspection.

4.2 Version with the mixer (MMM and MMK)

1. Make sure that all cables for the MilchMobil are disconnected safely from the mains.
2. Remove the cable holder for the heating (if present).
3. Remove the mixer bridge from the MilchMobil.


FÖRSTER TECHNIK® S21.1e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 8 out of 14	Retrofitting		

4. Undo the screw on the mixer beater and remove the mixer beater.
5. Open the housing for the motor circuit breaker and disconnect all connecting cables.
6. Remove the housing from the motor circuit breaker and dismount the motor circuit breaker.
7. Undo the cap nuts on the underside of the mixer bridge and remove the mixer together with the rod.
8. Determine the center of the long side of the tank and the center of the mounting bridge so that you can drill the holes (ø6 mm) for fastening purposes (see figure).



1. Mounting bridge
2. Tank

9. Press the 780 mm seal into the recess of the mixer bridge. In doing so, make sure that the seal is approx. 2 cm over the edge on both sides (see figure).

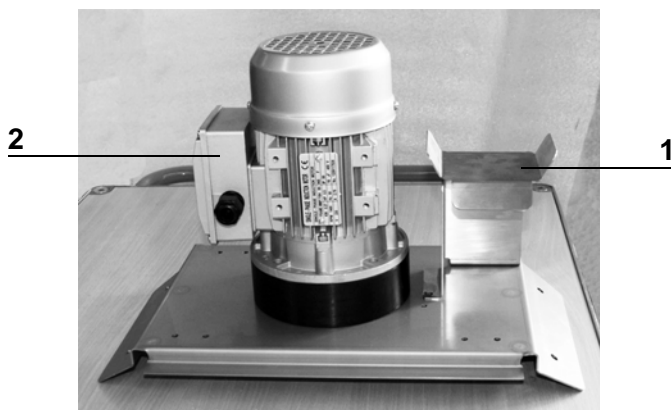
FÖRSTER TECHNIK® S26.2e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 9 out of 14	Retrofitting		




1. Seal

10. Install the holder for the motor circuit breaker on the new mixer bridge.

11. Place the mixer onto the new mixer bridge. In doing so, be aware that the junction box has to be positioned opposite the motor circuit breaker (see figure).



1. Cover
2. Junction box for mixer

FÖRSTER TECHNIK® S21.1e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 10 out of 14	Retrofitting		

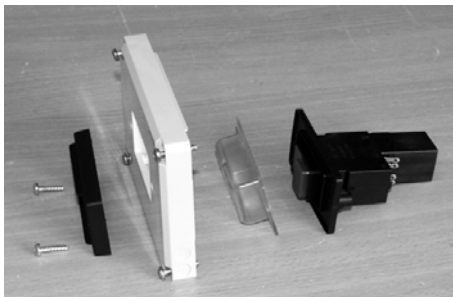
12. Apply a little bonding agent (e.g. Loctite) in the cap nuts and screw them onto the fastening screws for the mixer.




13. Screw the mixer beater back onto the mixer rod.

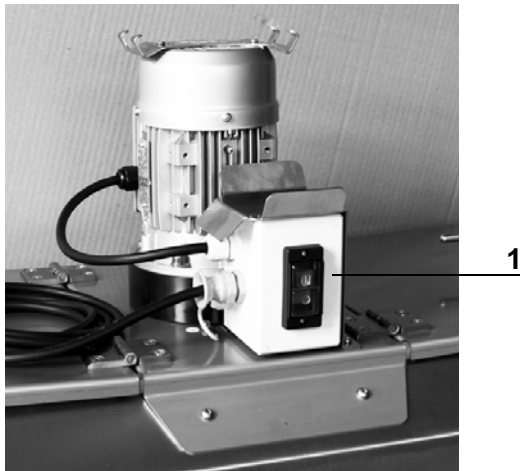
14. Fasten the mixer bridge on the tank.

15. Install the motor circuit breaker in the housing. Make sure that the motor circuit breaker is put together as illustrated in the figure.



16. Mount the motor circuit breaker onto the holder and connect both the power plug and the connecting cable for the mixer.

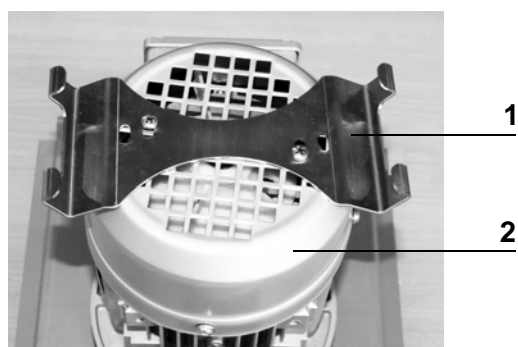
FÖRSTER TECHNIK® S26.2e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 11 out of 14	Retrofitting		



1. Motor circuit breaker

17. Connect the connecting cable to the junction box for the mixer (see circuit diagram).


18. Mark the position of the lid holder on the mixer.



1. Lid holder

2. Fan cover

19. Remove the fan cover from the mixer.

FÖRSTER TECHNIK® S21.1e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 12 out of 14	Retrofitting		

20. Hold the supplied reinforcement onto the inside of the fan cover.



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| 1. Lid holder |
| 2. Reinforcement |


21. Fasten the lid holder from the outside using the reinforcement (inner side) on the fan cover.

22. Fasten the fan cover back onto the mixer.

23. Determine the center of the tank (at the front) and place the marked center of the drilling template flush against the upper edge of the tank.



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|-------------|
| 1. Template |
|-------------|

FÖRSTER TECHNIK® S26.2e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 13 out of 14	Retrofitting		

24. Mark the center points of the holes on the tank and drill the appropriate holes (ø6 mm).

25. Hold the reinforcement strip from the inside and against the tank and screw it down on the tank. If a cable holder for the heating is present, screw it on together with the reinforcement.

Note	Apply a little bonding agent (e.g. Loctite) in the cap nuts in order to achieve a strong connection.
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1. Reinforcement
2. Tank

Note	Repeat points 23-25 on the other side of the tank.
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26. Fasten the supplied hinges onto the tank lid.

27. Fasten the free sides of the hinges onto the mixer bridge.

28. Press the 1280 mm seal into the tank lid such that it fits tightly. Start in the center on the underside of the tank lid and guide the seal around the corners without tensioning it, otherwise it will get damaged.

FÖRSTER TECHNIK® S21.1e	Service info	Tanklid	
	Re:	MilchMobil 180 Liter	
	Date	2nd of July 2013	
Page 14 out of 14	Retrofitting		



1. Seal

Attention	Do not shorten the seal as the tank lid would otherwise no longer be leak-proof.
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Note	If the latch for the tank lid does not close correctly, then you can adjust the pressure point by moving the reinforcement strip in the tank.
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29. Subject the MilchMobil to a functional inspection.