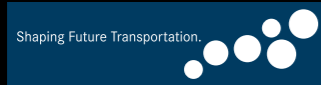
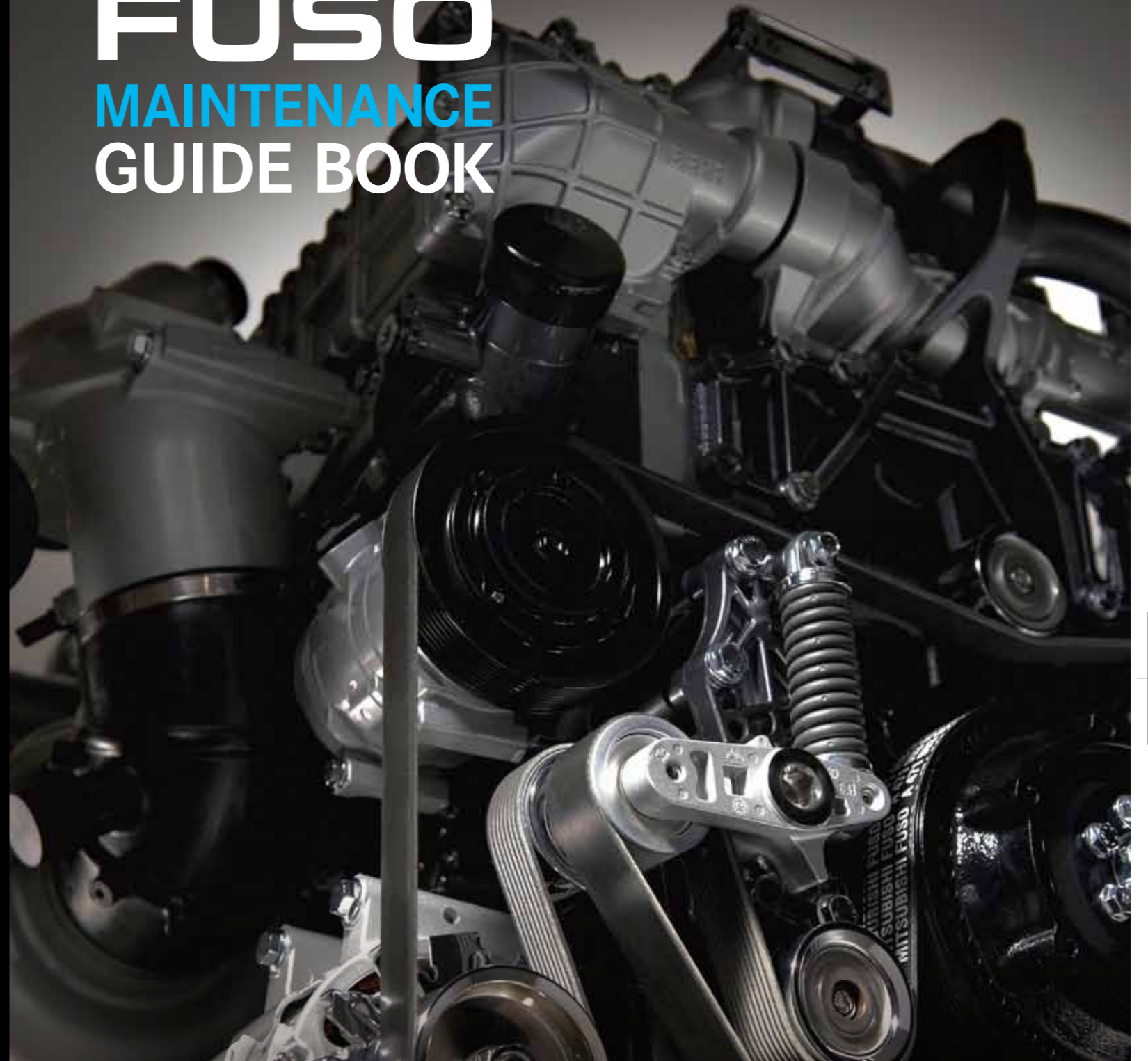


MITSUBISHI FUSO
GENUINE PARTS

FUSO

MAINTENANCE GUIDE BOOK





*Shaping Future Transportation® (SFT) is the name of a Daimler's global initiative for commercial trucks. Its purpose is to drive technical innovation even further to preserve global environment and to form a society with safe transportation for the future.

As of November, 2016 8TC6A0E16A



MITSUBISHI FUSO TRUCK & BUS CORPORATION

How to read this guidebook

Replace expander		1			
2	Applicable Models	<table border="1"> <tr> <th>Heavy duty</th> <th>Medium duty</th> <th>Light duty</th> </tr> </table>	Heavy duty	Medium duty	Light duty
Heavy duty	Medium duty	Light duty			
3	Role of the part	<p>The expander is a part for operating the brake shoe inside of the brake drum to stop the truck.</p>			
	Reason of replacement	<p>The expander contains grease, rubber parts and springs inside. Because those deteriorate over time, it is necessary to overhaul or replace the expander with a rebuilt one.</p>			
4	Photograph of part (image)				
	Likely problems if part is not replaced	<p>If the use is continued</p> <p>It will result in a lack of braking force and may result in a traffic accident.</p> 			

- 1 Where part can be found
- 2 Blue indicates the target model
- 3 What part does and need for replacement
- 4 Photograph of part (image)
- 5 Likely problems if part is not replaced

Please use this guidebook during regular maintenance.

Replace oil filter



Applicable Models	Heavy duty	Medium duty	Light duty
Role of the part	<p>It filters out the impurities generated in the engine and keeps the engine oil clean.</p>		<p>Oil filter becomes dirty and the performance deteriorates over time. The replacement cycle can change depending on the model, mileage, duration of use as well as load (payload) and idle time, etc. To maintain the engine performance, it is recommended to replace it sooner rather than later.</p>
	<p>If the use is continued</p>		<p>It may result in a truck fire</p> 

Replace engine oil



Applicable Models	Heavy duty	Medium duty	Light duty
Role of the part	<p>Engine oil has various effects of lubricating and cooling the engine and removing impurities such as sludge, carbon and metallic particles.</p>		<p>Engine oil becomes dirty and deteriorates over time. The replacement cycle can change depending on the model, mileage, duration of use as well as load (payload) and idle time, etc. To maintain the engine performance, it is recommended to replace it at regular intervals.</p>
	<p>If the use is continued</p>		<p>It may result in overheating or engine seizure. In the worst case, it may result in a truck fire.</p> 


Replace air filter



Applicable Models	Heavy duty	Medium duty	Light duty
Role of the part	<p>It removes dust and sand contained in the atmosphere to provide clean intake air to the engine.</p>		<p>If the filter is clogged, the engine won't be able to exert its power or torque and it may result in various types of problems. It is necessary to be replaced periodically.</p>
	<p>If the use is continued</p>		<p>The power and fuel efficiency decrease and the emissions become dirty. It may result in an engine stall.</p> 

* The replacement timing may be different depending on the vehicle type, model or the operating conditions. Please contact a MITSUBISHI FUSO dealer for details.

Replace fuel filter



Applicable Models	Heavy duty	Medium duty	Light duty
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Role of the part

The fuel filter removes debris and water, including the dust, rain water, and condensation water entered into the fuel tank during refueling, from the fuel.


Reason of replacement

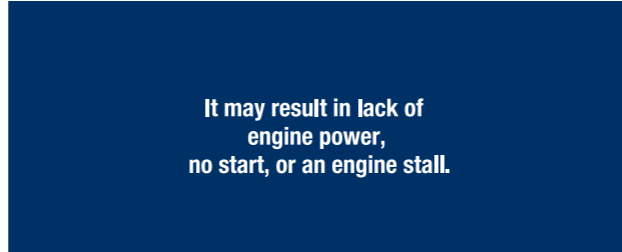
The engine won't be able to exert its power or torque and the contaminants may inhibit engine function if not replaced.

If the use is continued




It may result in lack of engine power, no start, or an engine stall.





Replace expander



Applicable Models	Heavy duty	Medium duty	Light duty
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Role of the part

The expander is a part for operating the brake shoe inside of the brake drum to stop the truck.


Reason of replacement


The expander contains grease, rubber parts and springs inside. Because those deteriorate over time, it is necessary to be replaced periodically.

If the use is continued




It will result in a lack of braking force and may result in a traffic accident.





Replace brake lining



Applicable Models	Heavy duty	Medium duty	Light duty
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Role of the part

Brake lining protects the other parts of the brake but is subject to wear whenever brakes are applied.


Reason of replacement


Over time brake lining wears out and requires replacement.

If the use is continued




Without regular replacement brakes may not work properly, causing accidents or requiring costly repairs to the brakes themselves.





Brake shoe burned due to dragging

Replace wedge brake chamber



Applicable Models	Heavy duty	Medium duty	Light duty
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Role of the part

The part is installed in trucks with full air brake. It brings the optimum braking force by just stepping on the brake lightly.


Reason of replacement


It has a diaphragm made of rubber assembled inside. This part may cause air leak due to aging. Because it may result in brake drag, it needs to be replaced periodically.

If the use is continued




Sudden braking or brake drag may occur. Ultimately, it will become non-drivable.





Muddy water that has seeped into the interior portion of the cover



Corrosion of the spring guide and piston due to rust

* The replacement timing may be different depending on the vehicle type, model or the operating conditions. Please contact a MITSUBISHI FUSO dealer for details.

Replace air dryer			
Applicable Models	Heavy duty	Medium duty	Light duty
Role of the part	The air dryer removes water and oil from the air used to control brakes and other systems.		
Reason of replacement	The desiccant used in the dryer deteriorates over time, and excess water in the pipes that deliver the air can cause corrosion.		
	<p>If the use is continued</p> <p> The desiccant used in the dryer deteriorates over time. The result may be brake or suspension malfunction, in the worst case traffic accidents.</p>		

* The replacement timing may be different depending on the vehicle type, model or the operating conditions. Please contact a MITSUBISHI FUSO dealer for details.

Major periodic replacement parts for trucks of Mitsubishi Fuso

The following are major periodic replacement parts that we recommend replacing in order to always safely and comfortably use the trucks of Mitsubishi Fuso. Please note that the parts that are shown below are not the only ones that we recommend replacing on a regular basis. Please check the Owner's Manual/Service Booklet inside your vehicle for more specific information, and make effort to replace the parts of your vehicle whenever it is appropriate.

Lubricants, fluids, elements

- Power steering oil and oil filter
- Brake fluid
- Grease on wheel hub bearing
(replacement at time of vehicle inspection)
- Clutch fluid
- Manual transmission and transfer oil
- Differential oil
- Engine oil and oil filter**
- Engine cooling water
- Air cleaner**
- Fuel filter**

Rubber parts, etc.

- Power steering hose
- Rubber parts inside power steering
- Brake hose
- Brake fluid tank tube
- Drum brake wheel cylinder cap and other rubber parts
- Air charge and air pressure gauge hose
- Fuel hose**
- Air dryer desiccating agent filter, rubber, and packing**
- Disk caliper cap and other rubber parts
- Master cylinder rubber parts
- Servo unit vacuum hose
- Servo unit rubber and packing
- Valves for brakes**
- Brake expander rubber parts**
- Brake chamber rubber parts**
- Brake chamber piggyback

* The items printed in blue are parts needing periodic replacement.

