

Brown Davis Automotive Pty. Ltd.
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MITSUBISHI TRITON ML/MN (2006-PRESENT) - DIESEL- ALL MODELS | 4WD – 135lt REPLACEMENT TANK
LONG RANGE FUEL TANK PARTS LIST AND FITTING INSTRUCTIONS
PART NUMBER: MT06R6

Item #	Description	Quantity	Part No.	P	C
1	TANK—REPLACEMENT	1	MT06R6	-	-
2	DRAIN PLUG—MAGNETIC—M14 (FITTED TO THE TANK)	1	DP-M14	-	-
3	HOSE – TMP - 6mm	1.2m			
4	HOSE – FUEL AND EMISSION – 10mm	700mm			
5	HOSE – FUEL AND EMISSION – 12.5mm	750mm			
6	HOSE CLAMP – STAINLESS - 8-16mm	4			
7	HOSE CLAMP – STAINLESS - 12-22mm	3			
8	HOSE CLAMP – NORMA - 12mm	2			
9	BRASS – TAILBARB - 1/2" X 1/4" BSP	1			
10	SET SCREW – PAN HEAD – M4 x 10mm – PLATED 8.8	6			
11	SET SCREW – HEX – M8 x 20mm	2			
12	WASHER – SPRING PLATED - M4	6			
13	WASHER – PANEL PLATED – M10	4			
14	WASHER – SHAKEPROOF INTERNAL PLATED – M10	4			
15	WASHER – FLAT PLATED – M8	4			
16	NUT – NYLOC PLATED - M8	2			
17	DISCRIMINATOR VALVE	1			
18	DISCRIMINATOR VALVE SEAL	1			
19	TANK BRACKET - DIFF LOCK BRACKET	1	TB-MT06R3		
20	WARRANTY CARD & INFORMATION SHEET	1			
21	BROWN DAVIS AUTOMOTIVE STICKER	1			

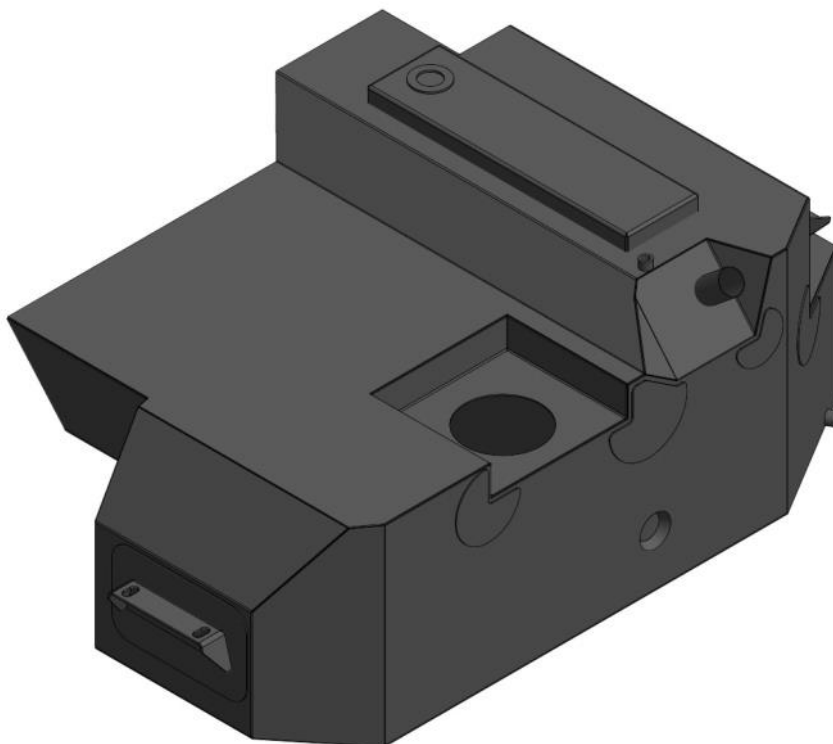


	STAFF MEMBERS INITIALS	DATE
KIT PACKED BY		
KIT CHECKED BY		

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**MT06R6 – 135lt REPLACEMENT TANK
LONG RANGE FUEL TANK PARTS LIST AND FITTING INSTRUCTIONS
PART NUMBER: MT06R6**



WARNING:

THIS FUEL TANK IS HEAVY. DO NOT ATTEMPT TO LIFT THIS FUEL TANK WITHOUT APPROPRIATE ASSISTANCE OR SERIOUS INJURY MAY RESULT



WARNING:

ENSURE A FIRE EXTINGUISHER IS AVAILABLE WHILST WORKING NEAR EXPOSED FUEL



-CHECK CONTENTS OF KIT BEFORE COMMENCING FITMENT

-DRAIN VEHICLE FUEL TANK TO LOWEST LEVEL POSSIBLE BEFORE COMMENCING FITMENT

-BEFORE INSTALLATION THE BROWN DAVIS LONG RANGE TANK SHOULD BE WASHED OUT WITH THE SAME FUEL TYPE AS THE VEHICLE IT'S BEING FITTED TO

Any questions or information required in relation to the below instructions please do not hesitate to contact Brown Davis head office or one of our distributors.

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Email: info@browndavis.com.au

1. Mark tail shaft to rear differential flange to ensure re-fitting to original orientation.
- Remove the tailshaft from the vehicle. This may require undoing the centre bearing on some models. Also remove the rear section of the exhaust, or let hang from the rear most rubber hanger. These items **MUST** be removed to enable fitment of the tank.



2. Remove the factory fuel tank. To undo the filler and breather lines you will need to remove the rear passenger side inner guard liner.
- When lowering the tank be aware of wiring loom and fuel lines



3. Once standard tank is out remove the gauge sender unit then install it into new tank. Take care in float arm orientation.
- Disregard old fuel lines, once sender unit is installed, fit the new pick up hoses and breather lines as shown.
- Refit the filler hose and fast fill breather line.
- Use a new hose clamp for the fast fill line (circled in red).



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4. Prior to lifting the tank into position, the hand brake cable clamps on the passenger side chassis rail will need to be slightly bend downwards to allow better clearance for the tank and proper alignment of the mount bracket holes.



Before

After

5. Along with the provided panel washers and shake proof washers, lift the tank into position and refit the factory fuel tank mount nuts to hold the tank up in position. You will need to ensure that the filler hose and breather lines are not catching on the chassis rail when lifting the tank as it will hinder fitment of these later.

**** Important note: Vehicles fitted with factory diff locks, will need to use the provided extra bracket specifically for diff lock applications to mount the tank. – Images show non diff lock model. *See STEP 10 for relocation photo's.**



6. With the tank now in position, all lines and connections need to be installed before tightening. Clip the fuel sender unit loom back into place on the sender unit. Trim and fit the fuel pick up and return lines and fasten with supplied hose clamps.



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7. Refit the tail-shaft and exhaust back into position.



8. The filler hose and fast fill breather can now be connected up. The filler hose will need to be trimmed around 40mm to allow better fitment. The fast fill breather may also require minor trimming. Also, the check valve breather line will need to be routed and trimmed before fitting to the filler neck also. See image below. Refit the guard liner upon completion of this step.



9. Ensure all fittings are tight and checked for correct fitment. Re-fill the new long range and check for any leaks and that the vehicle is driving normal. Upon the conclusion of this step, the installation is complete.

10. Relocation of Factory Diff Lock – see pictures.

