



Brown Davis Automotive Pty. Ltd.

ABN: 72 657 573 544

Copyright Brown Davis Automotive Pty. Ltd. This document contains confidential and Technical information the property of Brown Davis Automotive Pty. Ltd.

FRT6R1

1

Last edited: 9/11/2011

Fuel Tank Part List and Installation Instructions

TANK P/N: FRT6R1

**FORD RANGER SINGLE / DUAL CAB – DIESEL
REPLACEMENT TANK**

Item	Description	Quantity	Part number	P	C
1	TANK – REPLACEMENT	1	FRT6R1		
2	BRASS – TAIL BARB - ½" × ¼" BSP	2			
3	BRASS – ELBOW – 5/8" × 3/8" BSP	1			
4	HOSE – TMP – 6mm	0.5m			
5	HOSE – TMP – 12.5mm	0.5m			
6	HOSE CLAMP – STAINLESS - 8-16mm	2			
7	DISCRIMNATOR VALVE	1			
8	DISCRIMNATOR VALVE SEAL	1			
9	DRAIN PLUG- MAGNETIC – M14 (fitted to tank)	1	DP-M14		
10	BOLT – HEX – M10 x 20mm – PLATED 8.8	4			
11	BOLT – HEX – M10 x 30mm – PLATED 8.8	2			
12	WASHER – FLAT PLATED M10	10			
13	WASHER – PANEL PLATED – M10	2			
14	NUT – STANDARD PLATED – M10	4			
15	NUT – NYLOC PLATED – M10	4			
16					
17	WARRANTY CARD & INFORMATION SHEET	1			
18	BROWN DAVIS AUTOMOTIVE STICKER	1			

Packed by (P): _____

Checked by (C): _____

Date Packed: ____ / ____ / ____

PH: +61 (3) 9762 8722 FAX: +61 (3) 9762 9829
47 Holloway Drive, Bayswater, Victoria, Australia 3153

info@browndavis.com.au www.browndavis.com.au



Brown Davis Automotive Pty. Ltd.

ABN: 72 657 573 544

Copyright Brown Davis Automotive Pty. Ltd. This document contains confidential and Technical information the property of Brown Davis Automotive Pty. Ltd.

FRT6R1

2

All Brown Davis Automotive fuel tank kits are manufactured to Australian Standards and the Australian Design Rules where applicable and carry a full **3 Year Warranty**. Construction in 2.0 mm cold rolled, aluminium coated steel ensures maximum strength and durability and minimum corrosion susceptibility. More than 30 years of testing within the field has shown that this gauge of steel is sufficiently impact resistant that an additional tank guard is not necessary (most standard tank guards are thinner than 1.5 mm).

All tanks are M.I.G. (Metal Inert Gas) welded to ensure the strongest possible seams and are baffled to prevent fuel surge. They are then pressure tested using two different techniques to eliminate the possibility of leaks. Drain plugs are fitted horizontally to prevent them being damaged if the tank is scraped over rocks and are magnetic to collect any metallic dirt that may enter your fuel system.

In all cases, Brown Davis Automotive fuel tanks are designed with general off road use in mind and are designed not to compromise ground clearance, entry, exit or ramp over angles.

Please remember it is the driver's responsibility to operate their vehicle in a sensible manner in 4WD conditions, Brown Davis Automotive cannot be held responsible for the abuse of your vehicle and subsequent possible fuel tank damage.

REPLACEMENT TANKS This tank is a replacement for the standard tank and fits in the same location. The standard filler is retained as is the fuel gauge sender unit which still works in the same manner except it takes longer to reach empty. Rearrangement of the exhaust system **IS NOT** necessary with this fitment.

ANY QUESTIONS OR INFORMATION REQUIRED IN RELATION THE BELOW INSTRUCTIONS PLEASE DO NOT HESITATE TO CONTACT BROWN DAVIS HEAD OFFICE OR ONE OF OUR DISTRIBUTORS.

PLEASE ENSURE ALL CONNECTIONS AND MOUNTINGS ARE CHECKED A SECOND TIME AFTER FINISHING YOUR INSTALLATION TO CONFIRM THERE ARE NO LEAKS AND THAT ALL BOLTS ARE TIGHT. ALWAYS ROAD TEST THE VEHICLE AND MAKE SURE THERE IS COMPLETE SUSPENSION TRAVEL CLEARANCE.

BROWN DAVIS CAN TAKE NO RESPONSIBILITY FOR AFTER MARKET SUSPENSION SYSTEMS INTERACTING WITH THE TANK, IF FITTED.



Brown Davis Automotive Pty. Ltd.

ABN: 72 657 573 544

*Copyright Brown Davis Automotive Pty. Ltd. This document contains confidential and
Technical information the property of Brown Davis Automotive Pty. Ltd.*

FRT6R1

3

FITTING

1. Remove standard tank guard, and fuel pick up line (blue) from in front of the tank
2. Using a lifting device support tank and remove 2x 13mm bolts and tank straps
3. Lower tank slowly exposing the filler at the rear left side of the tank undo clamp off tank and remove filler. Lower tank more to gain access to the fast fill located at the top rear of the tank
4. Remove the fast fill, remove the return fuel line (orange) from bottom of fuel cooler and remove the breather off the car
5. Lower tank more and remove sender plug wire, lower tank all way out
6. Remove standard fuel lines and sender retain for refitting
7. Fit all brass fittings and discriminator valve to Brown Davis tank (as shown below)
- 8.