



**Brown Davis Automotive Pty. Ltd.**

ABN: 72 657 573 544

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**HTORR1**

**1**

Last edited: 1/09/2010

## **Fuel Tank Part List and Installation Instructions**

**TANK P/N: HTORR1**

HOLDEN TORANA LH / LX  
90ltr / 120ltr ALLOY REPLACEMENT TANK

Item	Description	Quantity	Part number	P	C
1	TANK – REPLACEMENT	1	HTORR1		
2	HOSE – FILLER HOSE - 51mm	120mm			
3	HOSE CLAMP – STAINLESS - 40-60mm	2			
4	SET SCREW – HEX - M10 x 100mm – PLATED 8.8	4			
5	NUT – STANDARD PLATED - M10	8			
6	WASHER – FLAT PLATED – M10	4			
7	WASHER – PANEL PLATED – M10	4			
8	WASHER – SHAKEPROOF INTERNAL PLATED – M10	4			
9	BACK UP PLATE 3mm – CENTRAL HOLE 10mm - 40 x 50mm	4	BP-CH-10-040050		
10	WARRANTY CARD & INFORMATION SHEET	1			
11	BROWN DAVIS AUTOMOTIVE STICKER	1			

Packed by (P): \_\_\_\_\_

Checked by (C): \_\_\_\_\_

Date Packed: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

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All Brown Davis Motorsport aluminium drop tanks are manufactured to Australian Standards and the Australian Design Rules where applicable and carry a limited warranty. Each tank is hand fabricated from high quality 2.0 mm aluminium, and meticulously T.I.G. welded to assure both the strongest, and most visually appearing drop tank available. Internally, baffles are welded into each design to prevent fuel surge. All tanks are then pressure tested using two different techniques to eliminate the possibility of leaks.

### Installation

1. Remove the standard fuel tank from the vehicle. It is important to note that the fuel gauge sender unit from the standard tank is retained for use in the new Brown Davis drop tank.



2. With the standard tank removed, begin transferring the fuel gauge sender unit into the new tank. When installing the sender, sit the unit alongside the tank at the height where it will be located when installed in the tank, and check the travel of the float arm to ensure that it will read accurately. It is more important to ensure that empty is accurately read rather than indicating full. The sender float arm can be bent by hand to obtain the correct travel arc.



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3. With the supplied filler hose, remove the filler nozzle from the standard tank filler tube, and fit to the new tank.



4. Mounting holes for the tank need to be drilled through the chassis rails into the boot area. Sit the tank under the location of mounting (ensuring the filler neck is correctly positioned), and align the mount brackets to the chassis rails and ensure that there is an even and consistent close gap along the bottom of the beaver panel where it meets the back face of the tank. Once in the correct position, use a pilot drill bit to first penetrate the tank and chassis rail, followed by an 11mm drill bit.

*Note: Brown Davis takes every precaution to ensure the inside of the tank is free of debris or foreign particles; however the tank MUST be inspected and thoroughly rinsed prior to installation.*



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5. With the holes drilled, the supplied M10 screws need to be installed top-down through the boot floor, using the back up plates supplied on the top side, along with supplied washers and fasten firmly. During the fastening process, check for correct alignment of the tank once more.







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6. Complete the installation by re-connecting the fuel pick up and breather lines to the new tank. Add fuel to the tank, and check fuel gauge function progressively when filling. Inspect thoroughly for any potential leaks or areas of hose/wire that may be in contact with the tank that might cause damage over time.

