



Brown Davis Automotive Pty. Ltd.  
ABN: 72 657 573 544

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UGFRPXT1

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Last edited: 19/07/2012

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## Underguard Part List and Installation Instructions

Underguard P/N: **UGFRPXT1**

FORD RANGER PX (AND EVEREST MU)  
FRONT TRANSMISSION GUARD

Item	Description	Quantity	Part number	P	C
1	UNDERGUARD	1	UGFRPX1		
2	SET SCREW – HEX – M10 X 25MM – PLATED 8.8	3			
3	SET SCREW – HEX – M10 X 35MM – PLATED 8.8	2			
4	SET SCREW – HEX – M10 X 100MM – PLATED 8.8	1			
5	WASHER – SPRING PLATED – M10	6			
6	WASHERS – FLAT PANEL – M10	6			
7	40 X 40 PLATE WITH 35MM TUBE ATTACHED WITH M10 NUT *see picture	1			
8	KIT LIST				
9	BROWN DAVIS AUTOMOTIVE STICKER				



**\*\* REFERS TO ITEM 7**

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

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

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



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## **UGFRPXT1**

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All Brown Davis Automotive Underguards are manufactured from 3.0 mm cold rolled steel, and electroplate finished to ensure maximum strength and durability and minimum corrosion susceptibility. This gauge of steel is sufficiently impact resistant.

All Underguards are M.I.G. (Metal Inert Gas) welded to assure the strongest possible seams and are strengthened where necessary to add further protection and impact capabilities. Where needed guard bolt holes/bolt heads are protected with strategically placed steel shields.

In all cases, Brown Davis Underguards are designed with severe off road use in mind and are designed to protect against impact and damage sustained due to harsh conditions or coming into contact with terrain.

### **FITMENT**

Remove standard guards by undoing six 15mm head bolts using a socket or a spanner. Remove the side plastic splash guards beside the radiator.

Fit the cross member to the car using a M14 bolt through the 14mm hole in tow hook bracket. Align driver's side of the cross member with the body mount and drill two M10 holes through the bottom of the chassis through the bracket. Pass the bolts through the existing hole through the chassis at the corner of the rubber flap and then tighten all cross member bolts.

Lift under guard into place aligning 3 of the front holes in the guard with cross member threads. Fit three M8 bolts, spring washer and washer. Align the two middle holes using M10 x 30mm bolts, spring washers and panel washers with original captive threads in cross member. Align the two rear mounting holes and fit one M10 x 30mm bolt to driver's side captive threaded hole in cross member.

Using the U shaped bracket with tube attached fit bracket over the top of cross member with tube pointing down through large hole in cross member and align with hole in under guard. Fit M10 x 60mm bolt, spring washer and panel washer then tighten all bolts in the guard.