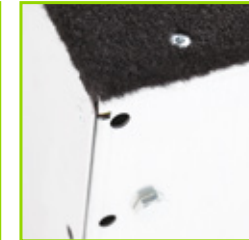




INSTALLATION GUIDE



TO SUIT THE FOLLOWING VEHICLES

Ford Ranger D/C & Extra Cab 2006+
Holden Colorado / Isuzu D-MAX 08+
Holden RA Rodeo 03-08
Mazda BT50 D/C & Extra Cab 2006+
Mitsubishi Triton pre-05 MK
Mitsubishi Triton ML 2006-2009
Mitsubishi Triton MN- 2009 +
Nissan Navara D22
Nissan Navara D40
Toyota Hilux pre-05 SR & SR5
Toyota Hilux and post 05 SR & SR5
Toyota Landcruiser Troop carrier LC78
Volkswagen Amarok
and others


**LOCK
SAFE**

1300 SERIES DRAWER SYSTEMS

**IF YOUR VEHICLE IS NOT SHOWN ABOVE,
PLEASE CONTACT YOUR NEAREST IRONMAN 4X4 AGENT**

Hardware Listing

WASHERS	BOLTS	NUTS
4 x 10 x 25mm	4 x M10 x 25mm	4 x M10 Nyloc
4 x Mudguard	4 x M10 x 30mm	
4 x Navara Channel Nuts		

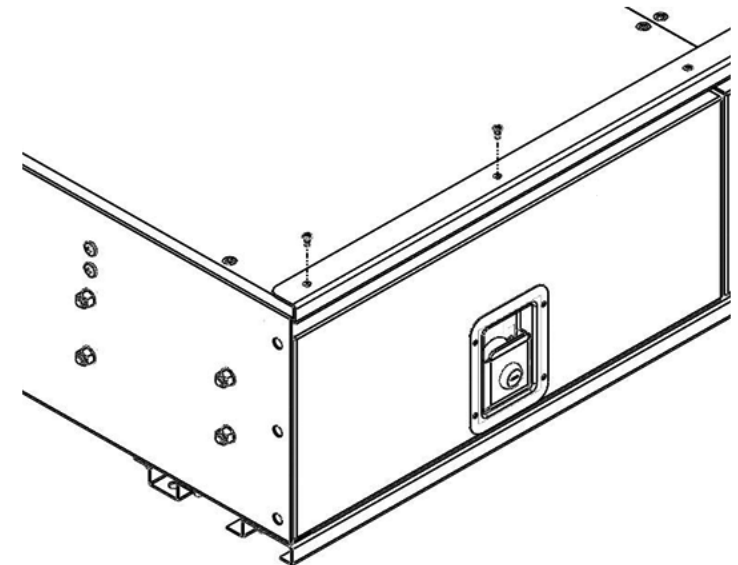
NOTE: As this system is made to suit multiple vehicles, you may have some hardware left over.

STEP 1

Please ensure your drawer system is compatible with your vehicle prior to commencing installation

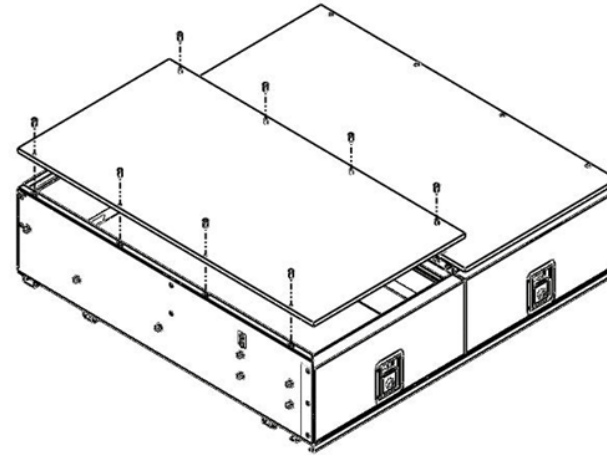
STEP 2

Remove aluminium front trim from drawer assembly by undoing the Phillips head screws as shown. Place screws aside.



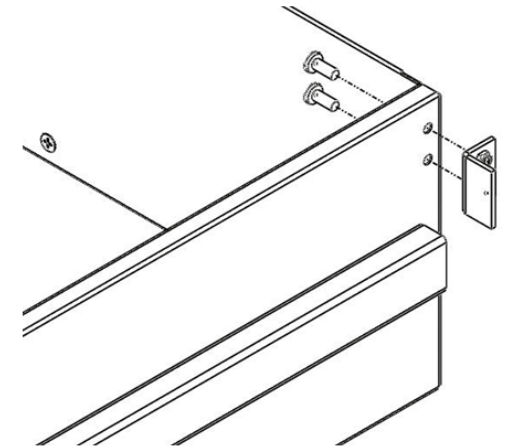
STEP 3

Remove carpeted top panels by undoing all socket head screws. Place screws aside.



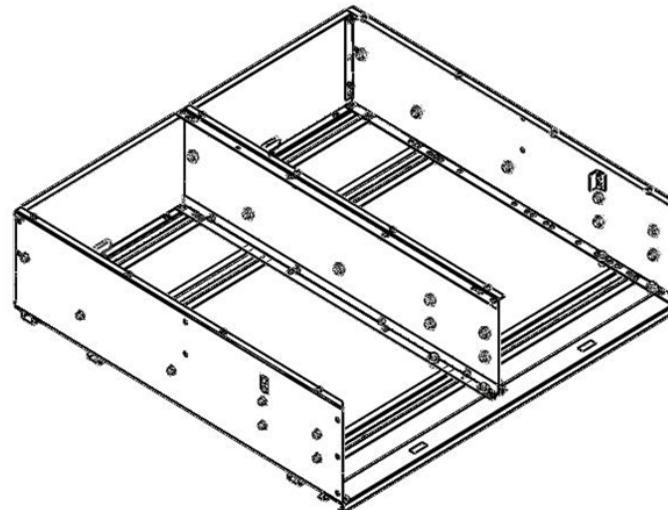
STEP 4

Remove drawer stops from the rear outside of drawer by undoing Phillips head screws. Place screws aside.



STEP 5

Remove drawers from outer frame.

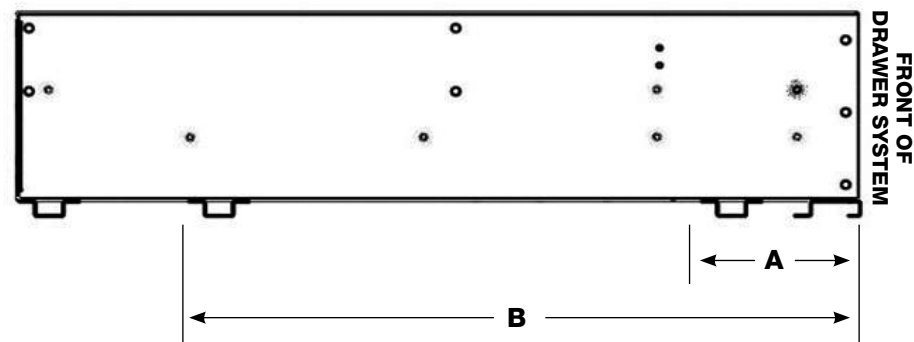


VEHICLE SPECIFIC FLOATING RIB INSTALLATION

Floating Rib Installation

1. Identify your vehicle information on the Vehicle Mounting Ribs Measurements table on the following page.
2. You will notice along the inside bottom flange of all bearing panels there are various holes punched, this is where you need to fix the floating ribs in the positions you will get from the table. There are two floating ribs with two different mounting positions. Refer to Diagram 1. Some vehicles may only require one floating rib as the front or back rail may be used.
3. Most vehicles will have standard width floating ribs. In some cases, the floating rib needs to be longer and is supplied as a two piece (sold separately). This is to accommodate vehicle fixing mounts that are outside the system's width, the fixings to the frame remain the same as the positions used in the table.
4. The position measurement (A & B) is taken from the front edge of the lock rail to the rear edge of the floating rib.
5. Your required fixing position of the floating ribs will line up with existing holes.
6. Reuse existing hardware provided to mount the floating ribs to frame in prescribed position.

Diagram 1



SEE TABLE ON FOLLOWING PAGE



Vehicle Mounting Ribs Measurements Table

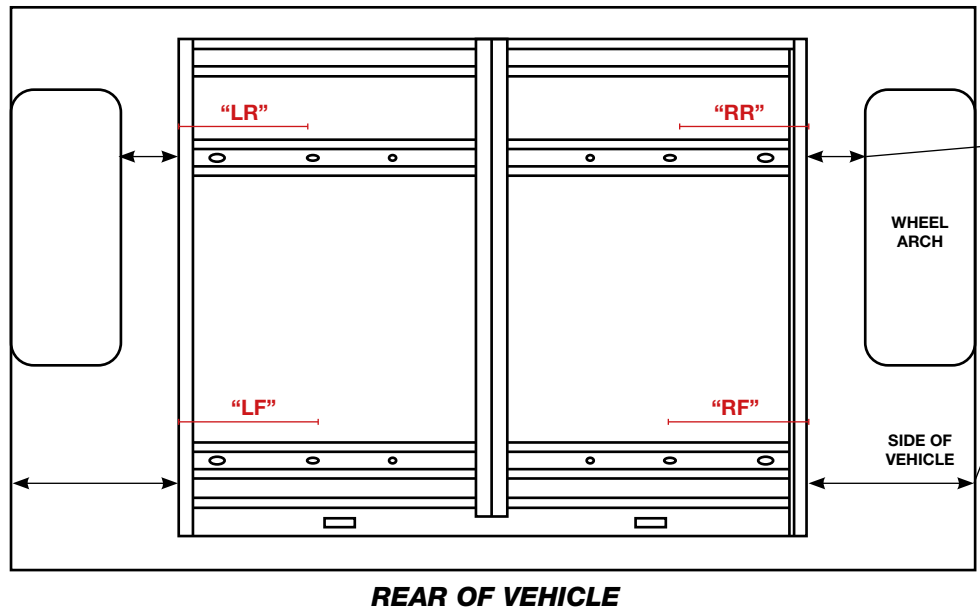
VEHICLE APPLICATION	VEHICLE MODEL	MEASUREMENT "A" (mm)	MEASUREMENT "B" (mm)
Toyota Troopcarrier 75, 78, Series	GXL, Workmate (1975-Current)	262	BR
Toyota Hilux Dual Cab	1997-04 SR5	262	1132
Toyota Hilux Dual Cab	2005+ SR, SR5	402	BR
Nissan Navara Dual Cab	D22 (STR) 1998-07	FRONT RIB	872
Nissan Navara Dual Cab	D40 (ST-X) Dec 2005+	402	1287
Nissan Navara Dual Cab	D40 (RX) 2005+ (NO TRACKS)	262	1137
Nissan Navara Dual Cab	D40 (ST) Dec 2010+	232	1172
Mitsubishi MK Triton Dual Cab	GL, GLX, GLS (1996-05)	232	1052
Mitsubishi ML Triton Dual Cab	GL, GLX, GLS, VR (2006-July 09)	262	1137

VEHICLE APPLICATION	VEHICLE MODEL	MEASUREMENT "A" (mm)	MEASUREMENT "B" (mm)
Mitsubishi MN Triton Dual Cab	GL, GLX, GLS (Aug 2009+)	402	1287
Ford Courier Crew Cab PE-PH (1999-06)	GL, XL, XLT	282	1132
Ford PJ Ranger Crew (Dual) and Extra Cab (Dec 2006 - Apr 2008)	XL, XLT	262	1177
Holden R9 Rodeo Dual Cab (Jun 1998-02)	DX, LT, LX	232	BR
Holden RA Rodeo Dual Cab (2003-08)	DX, LT, LX, LTZ	232	1137
Holden Colorado Dual Cab (2008+)	DX, LX, LT-R	232	1137
Mazda BT-50 Dual & Extra Cab B3000 2006-Apr 2008	SDX, DX	262	1177



Locating and Centralising the Drawer

1. Prepare the vehicle removing any seats and obstructions. Refer to Pages 12-15 for your vehicle specific instructions.
2. For vehicles with existing mounting points, locate these and align the holes in the floating ribs.
3. For vehicles with no existing mounting points, refer to your vehicle specific instructions.
4. Centralise the Drawer System in your vehicle by taking a reference measurement on the vehicle such as the side panels or wheel arches. Ensure dimensions are equal both sides. This will put the frame where it needs to be and the floating ribs hole positions should now be visible and accurate. This is more critical when you intend to install a wing kit at a later date.
5. Using the measurement provided in the Hardware Location Matrix on page 7 for LF/RF & RR/RF, locate the existing holes in the floating ribs. In most cases these should line up with existing bolt holes in the floor. Fix the drawer system to your vehicle using these four locations and the prescribed install per the Hardware Listing Table commencing on page 8.
6. At this point, only tighten bolts to finger tight. Check again for centralising and when correct, tighten down.



NOTE: To help centralise the unit, use a tape measure to position the frame using the side panels, the wheel arches or a similar reference point on each side.

IMPORTANT: Refer to Table on page 5 for vehicle specific floating rib measurements.



Hardware Location Matrix

MAKE	VEHICLE	MODEL	“LF” (mm)	“RF” (mm)	“LR” (mm)	“RR” (mm)
Toyota	Troopcarrier 75, 78 Series	GXL, Workmate (1975-Current)	110	122	110	122
Toyota	Hilux Dual Cab	1997-04 SR5	202	202	202	202
Toyota	Hilux Dual Cab	2005+ SR, SR5	200	200	200	200
Nissan	Navara Dual Cab	D22 (STR) 1998-07	202	202	135	135
Nissan	Navara Dual Cab	D40 (ST-X) Dec 2005+	87.5	87.5	87.5	87.5
Nissan	Navara Dual Cab	D40 (RX) 2005+ (NO TRACKS)	160	160	160	160
Nissan	Navara Dual Cab	D40 (ST) Dec 2010+	65	65	65	65
Mitsubishi	MK Triton Dual Cab	GL, GLX, GLS (1996-05)	211	211	211	211
Mitsubishi	ML Triton Dual Cab	GL, GLX, GLS, VR (2006-July 09)	212	212	212	212
Mitsubishi	MN Triton Dual Cab	GL, GLX, GLS (Aug 2009+)	55	55	55	55
Ford	Courier Crew Cab PE-PH (1999-06)	GL, XL, XLT	160	160	160	160
Ford	PJ Ranger Crew (Dual) and Extra Cab (Dec 2006 - Apr 2008)	XL, XLT	95	95	95	95
Holden	R9 Rodeo Dual Cab (Jun 1998-02)	DX, LT, LX	135	135	135	277
Holden	RA Rodeo Dual Cab (2003-08)	DX, LT, LX, LTZ	93	93	192	192
Holden	Colorado Dual Cab (2008+)	DX, LX, LT-R	93	93	192	192
Mazda	BT-50 Dual & Extra Cab B3000 2006-Apr 2008	SDX, DX	95	95	95	95
Mazda	BT-50 Bravo Dual Cab B2500/ B2600 1999-05	BX, DX, SDX	160	160	160	160
Isuzu	D-Max Dual Cab 2008+	XS, LS, LS-U, LS-M	93	93	192	192



Hardware Listing Table

VEHICLE APPLICATION	VEHICLE MODEL	HARDWARE USED "LF" (mm)	HARDWARE USED "RF" (mm)	HARDWARE USED "LR" (mm)	HARDWARE USED "RR" (mm)
Toyota Troopcarrier 75, 78 Series	GXL, Workmate (1975-Current)	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Toyota Hilux Dual Cab	1997-04 SR5	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Toyota Hilux Dual Cab	2005+ SR, SR5	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Nissan Navara Dual Cab	D22 (STR) 1998-07	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Nissan Navara Dual Cab	D40 (ST-X) Dec 2005+	M10 x 25mm Bolt 10 x 25mm Washer Navara Plate M10 Nyloc NAVARA CHANNEL NUTS	M10 x 25mm Bolt 10 x 25mm Washer Navara Plate M10 Nyloc NAVARA CHANNEL NUTS	M10 x 25mm Bolt 10 x 25mm Washer Navara Plate M10 Nyloc NAVARA CHANNEL NUTS	M10 x 25mm Bolt 10 x 25mm Washer Navara Plate M10 Nyloc NAVARA CHANNEL NUTS
Nissan Navara Dual Cab	D40 (RX) 2005+ (NO TRACKS)	M10 x 30mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 30mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 30mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 30mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Nissan Navara Dual Cab	D40 (ST) Dec 2010+	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4



Hardware Listing Table

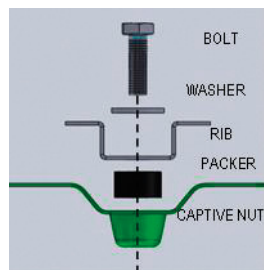
VEHICLE APPLICATION	VEHICLE MODEL	HARDWARE USED "LF" (mm)	HARDWARE USED "RF" (mm)	HARDWARE USED "LR" (mm)	HARDWARE USED "RR" (mm)
MK Triton Dual Cab	GL, GLX, GLS (1996-05)	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
ML Triton Dual Cab	GL, GLX, GLS, VR (2006-July 09)	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
MN Triton Dual Cab	GL, GLX, GLS (Aug 2009+)	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Courier Crew Cab PE-PH (1999-06)	GL, XL, XLT	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
PJ Ranger Crew (Dual) and Extra Cab (Dec 2006 - Apr 2008)	XL, XLT	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
R9 Rodeo Dual Cab (Jun 1998-02)	DX, LT, LX	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
RA Rodeo Dual Cab (2003-08)	DX, LT, LX, LTZ	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4



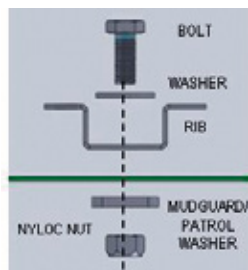
Hardware Listing Table

VEHICLE APPLICATION	VEHICLE MODEL	HARDWARE USED "LF" (mm)	HARDWARE USED "RF" (mm)	HARDWARE USED "LR" (mm)	HARDWARE USED "RR" (mm)
Holden Colorado Dual Cab (2008+)	DX, LX, LT-R	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Mazda BT-50 Dual & Extra Cab B3000 2006-Apr 2008	SDX, DX	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Mazda BT-50 Bravo Dual Cab B2500/ B2600 1999-05	BX, DX, SDX	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4
Isuzu D-Max Dual Cab 2008+	XS, LS, LS-U, LS-M	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4	M10 x 25mm Bolt 10 x 25mm Washer Mudguard Washer M10 Nyloc REF 4

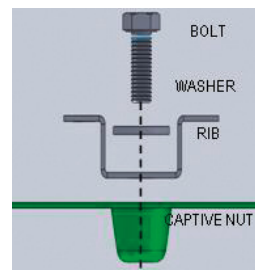
Hardware Application Reference



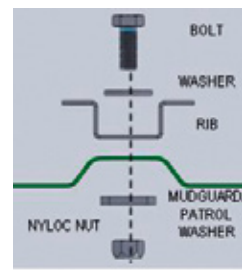
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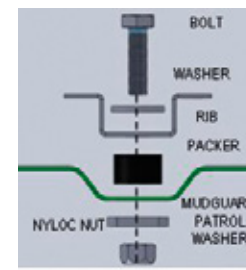
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Ref 3



Ref 4



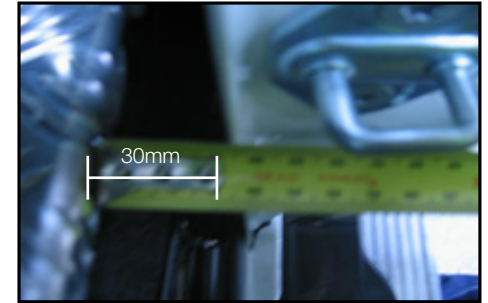
Ref 5



VEHICLE PREPARATION

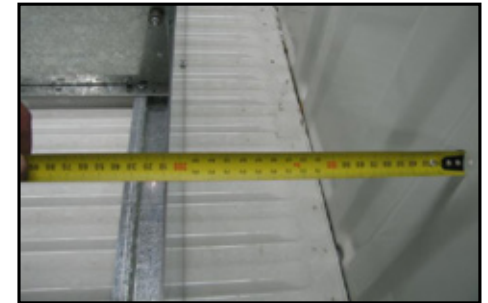
TOYOTA Troop Carrier 75, 78 Series

1. Place drawer system 30mm back from door seal, centrally in cargo area of vehicle.
2. Refer to Matrix for hole locations in ribs.
3. Drill four 10.5mm holes through floating ribs into vehicle floor taking care not to damage under floor components eg. Wiring harness, fuel lines, etc.
4. Secure to vehicle floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.



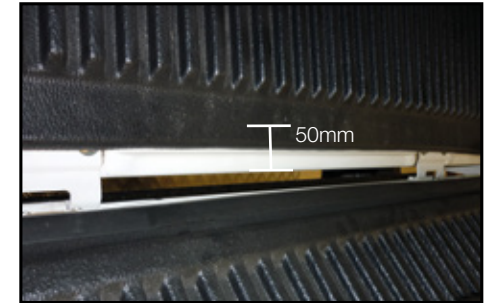
TOYOTA Hilux Dual Cab - 2005+ SR, SR5

1. Place drawer system centrally in tub of vehicle, 200mm back from front wall of tub.
2. Refer to Matrix for hole locations in ribs.
3. Drill four 10.5mm holes through floating ribs into vehicle floor taking care not to damage under floor components eg. wiring harness, fuel lines, etc.
4. Secure to vehicle floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.



TOYOTA Hilux Dual Cab - 1997-04 SR4

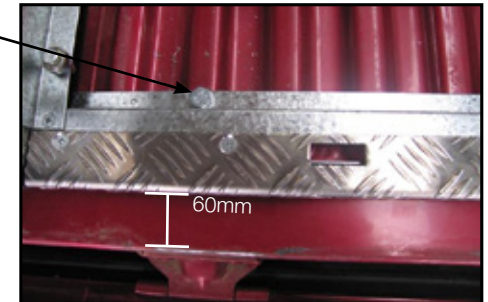
1. Place drawer system centrally in tub of vehicle, 50mm forward from rear edge of tub.
2. Refer to Matrix for hole locations in ribs.
3. Drill four 10.5mm holes through floating ribs into vehicle floor taking care not to damage under floor components eg. Wiring harness, fuel lines, etc.
4. Secure to vehicle floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.



NISSAN Navara D22 (STR)

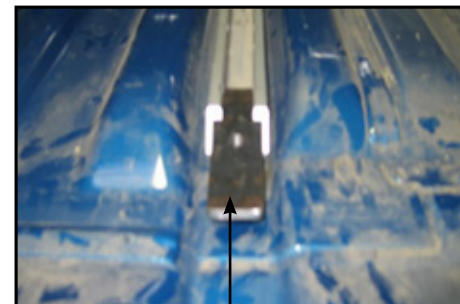
1. Place drawer system centrally in tub of vehicle, 60mm forward from rear edge of tub.
2. Refer to Matrix for hole locations in ribs.
3. Drill four 10.5mm holes through floating ribs into vehicle floor taking care not to damage under floor components eg. Wiring harness, fuel lines, etc.
4. Secure to vehicle floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.

NOTE: Fixing position utilises front rib.

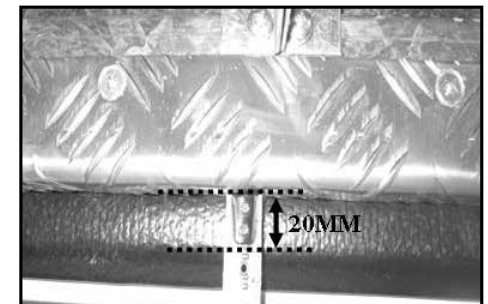


NISSAN Navara D40 (STX) 2005+

1. Remove tie rails in floor and ute liner.
2. Refit tie rails to ute floor.
3. Slide two Navara plates into each tie rail.
4. Position drawer system centrally in tub of vehicle, 20mm back from fold adjacent to rear edge of tub.
5. Secure drawer system to tie rails using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.



Navara Plate



NISSAN Navara D40 (RX) 2005+ (No Tracks) & (ST) 2010+

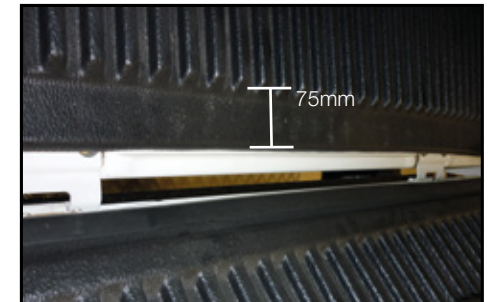
1. Place drawer system centrally in tub of vehicle, 20mm forward from fold adjacent to rear edge of tub.
2. Using Matrix as a reference to your specific vehicle, drill through ribs into tub taking care not to damage under floor components eg. Wiring harness, fuel lines, etc.
3. Secure drawer system to floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.

IMPORTANT: Because of model variations in the D40, it is necessary to identify your specific model on matrix to ensure that hole and rib locations are correct.



Mitsubishi Triton MK

1. Place drawer system centrally in tub of vehicle, 75mm from rear edge of tub.
2. Using Matrix as a reference drill through ribs into vehicle floor.
3. Secure drawer system to floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.



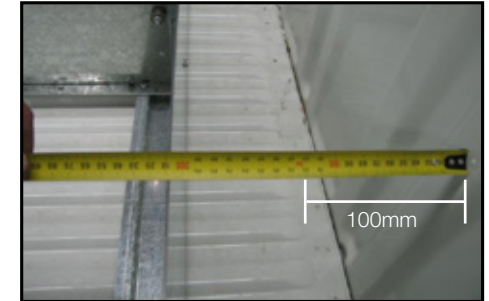
Mitsubishi Triton ML

1. Place drawer system centrally in tub of vehicle, push hard against front wall.
2. Using Matrix as a reference drill through ribs into vehicle floor.
3. Secure drawer system to floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.



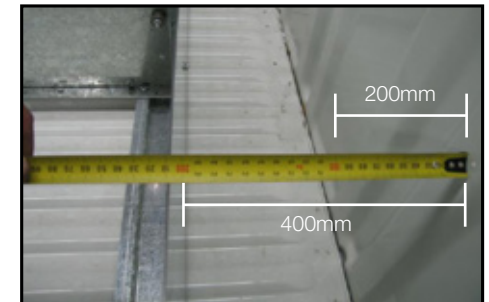
Mitsubishi Triton MN

1. Place drawer system centrally in tub of vehicle, 100mm back from front wall of tub.
2. Refer to Matrix for hole locations in ribs.
3. Secure drawer system to floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.



Ford Ranger & BT-50

1. Place drawer system centrally in tub of vehicle, 200mm back from front wall of tub for dual cab vehicles, or extra cab vehicles position 400mm from front wall of tub.
2. Refer to Matrix for hole locations in ribs.
3. Secure drawer system to floor using M10 x 25mm bolts, flat washers, mudguard washer and Nyloc Nuts.



200mm or 400mm depending on whether you have a dual cab or not.

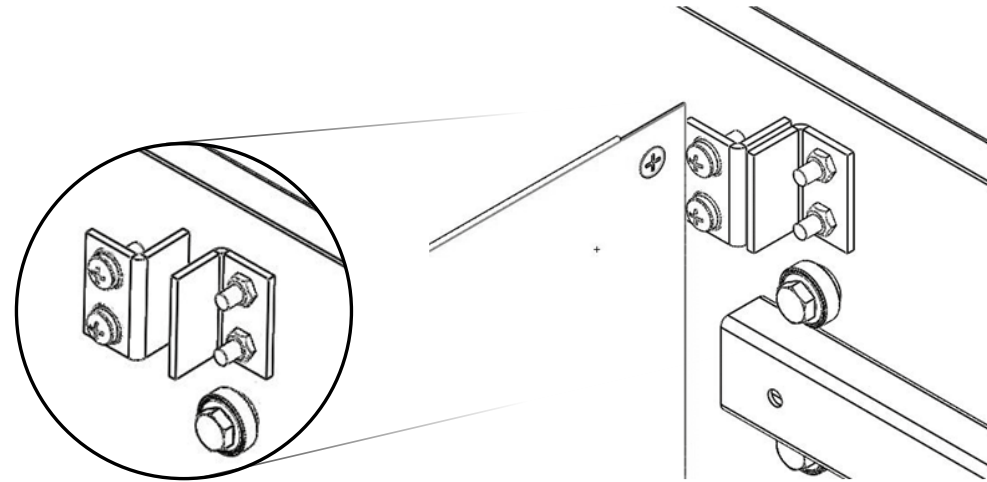


STEP 6

Reinsert drawers into frame and replace Drawer Stoppers into same position from which they were removed in step 4. Use the original hardware previously set aside to reattach.

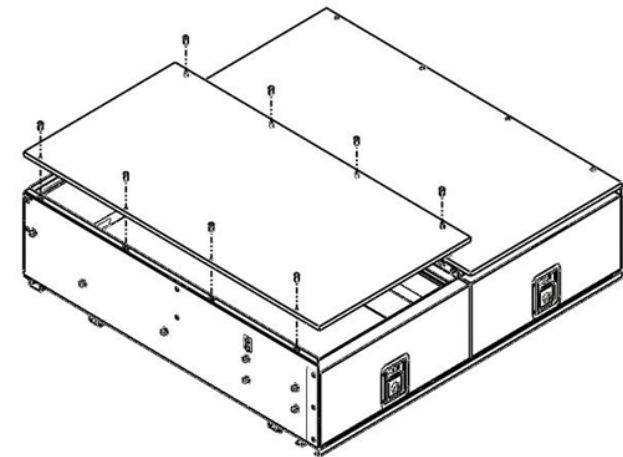
NOTE: Ensure drawer is pushed in far enough so that drawer stoppers overlap frame stoppers. See diagram. Note: Drawer removed from diagram). Also ensure stoppers are attached opposite each other as shown.

NOTE: This image may confuse as the drawer stop is pictured but the drawer is missing from diagram. The idea is to show how the assembly works and how it looks in situ. So imagine this drawer stop bracket is on the drawer.



STEP 7

Reattach carpeted top panels using socket head screws previously removed in step 3.



STEP 8

Reattach aluminium front edge trim as previously removed in step 2.



COMPLETED

Your finished product should represent this picture.

