

Fitting Instructions



SKU

UNTC004

PRODUCT

Wiring Harness: UNTC004 Vehicle Specific instructions for: BMW X3 SUV (Series G01) (06/17 – 06/24)

SPECIFICATIONS

- Approx. Fitment Time: 45 Minutes
- Dealer Coding Required: No
- RPA override: Via button on dash
- Fitment: For Professional Fitters
-Splicing/Soldering/Scotch locking required



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version of these
instructions

TOOLS REQUIRED

- Spanners
- Sockets
- Torx bits
- Pliers.
- Trim Removal Tool
- Screw Drivers

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- Warnings
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Important Information



Warning:

- This unit is designed to bypass the electronic control module in the vehicle.
- This unit will not require dealer coding.
- The power source wire is for 12volt only. This can be taken directly to the battery or to a constant power source. This wire must have a 10-amp blade fuse housing attached. Please check that a 10-amp fuse is installed.
- **THE 10AMP FUSE MUST NEVER BE REMOVED AND CANNOT BE CHANGED FOR A HIGHER AMP FUSE.**
- If your vehicle has a dedicated towbar fuse within the fuse box, this is to remain as well – no fuse is ever to be removed or cut out.
- Make sure to inform the customer that there is a 10-amp blade fuse on the power source wire wherever you have made the connection, in the event the fuse needs to be replaced. **Kindly show them where they can access it.**
- Please give this copy of the instructions to your customer.
- Contact an authorised TAG distributor or the TAG fitment center - (07) 3208 3022 - if further information is required.

7 Pin Flat Plug & Socket

PIN No. CIRCUIT COLOUR

1	Left-hand turn	Yellow
2	Reversing signal	Black
3	Earth return	White
4	Right-hand turn	Green
5	Service brakes	Blue
6	Stop lamps	Red
7	Rear lamps, clearance & side marker lamps	Brown



7 Pin Plug



7 Pin Socket

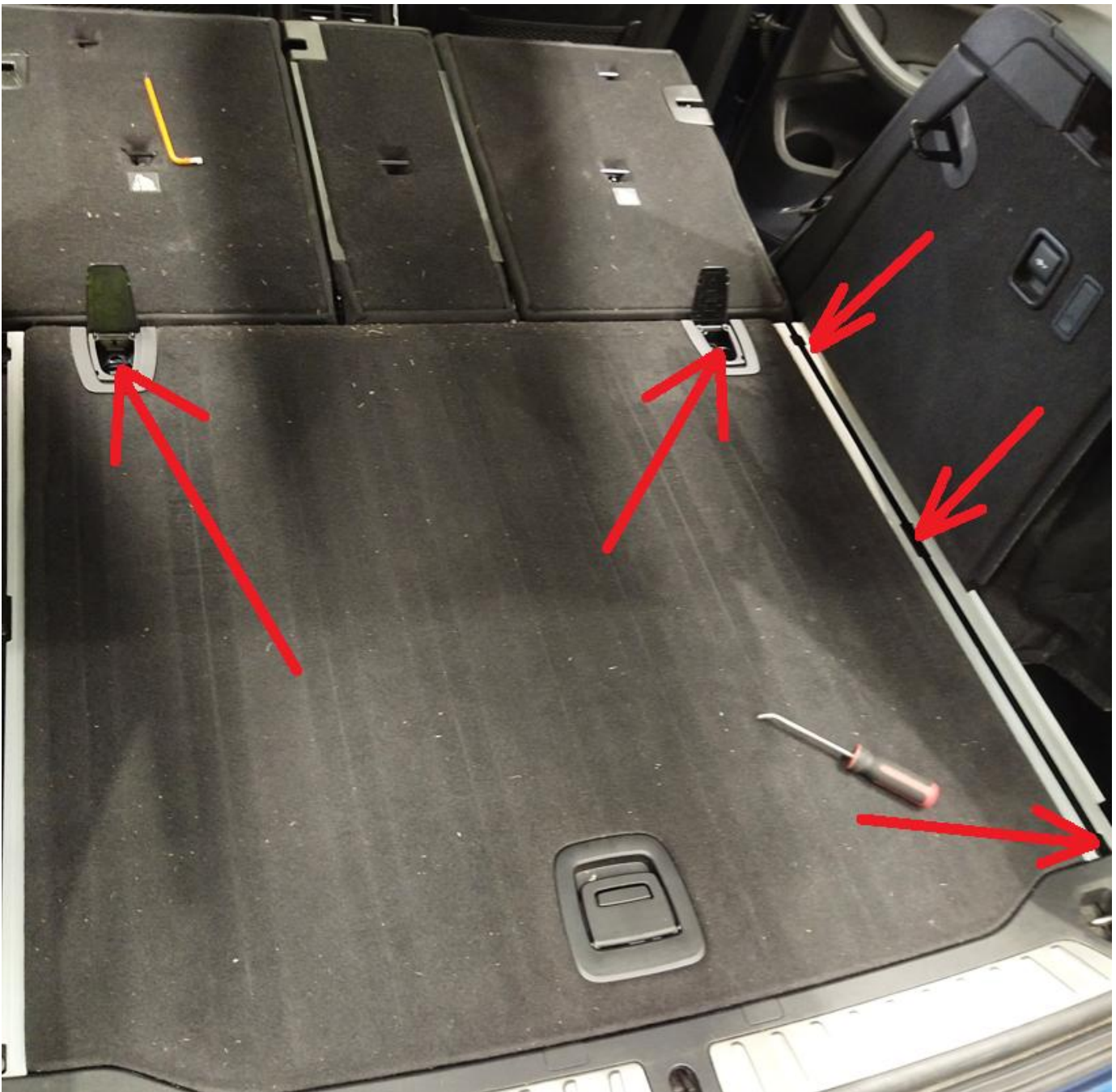
Installation Instructions



Step 1: Install UNTC004 Harness

NOTE: It is assumed the rear bumper has already been removed for towbar fitment.

1. Open the tail gate.
2. Fold down the rear row of seats
3. Remove 2x Torx bolts which securing the luggage compartment floor
4. Remove the luggage compartment floor and set aside.
5. Remove 3x Torx securing the luggage compartment tie down rails.



Installation Instructions



6. Remove the rear drivers side luggage compartment trim panel and set aside.
7. Remove the scrivet which secures the front drivers side luggage compartment trim panel.
8. Remove the panel on top of the trim panel and the scrivet behind it.
9. Remove the front drivers side luggage compartment trim panel and set aside.
10. Remove the drivers side luggage compartment tie down rail.
11. Remove 2x scrivets which secure the soft wiring cover. Pull aside the soft cover to expose the wiring loom.



12. Remove 3x scrivets from the drivers side panel tray.
13. Carefully remove the tray and set aside.



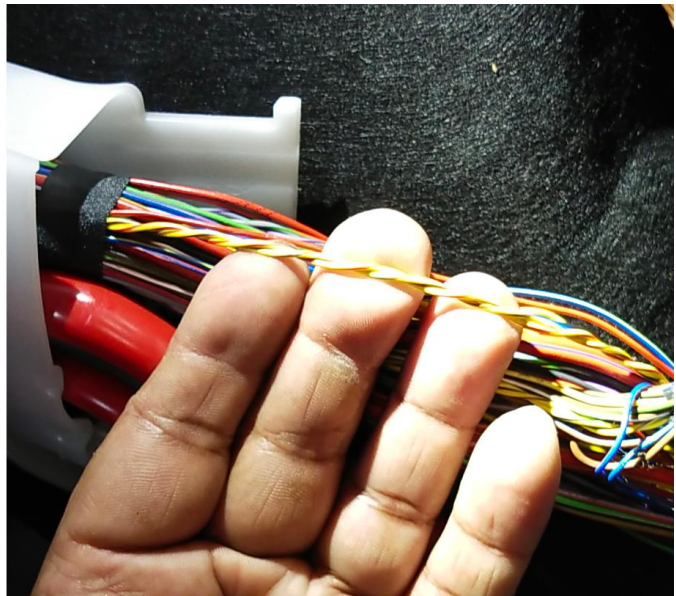
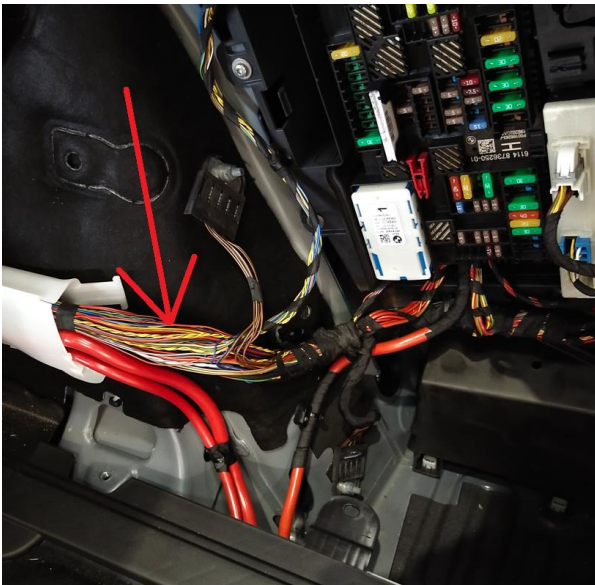
Installation Instructions



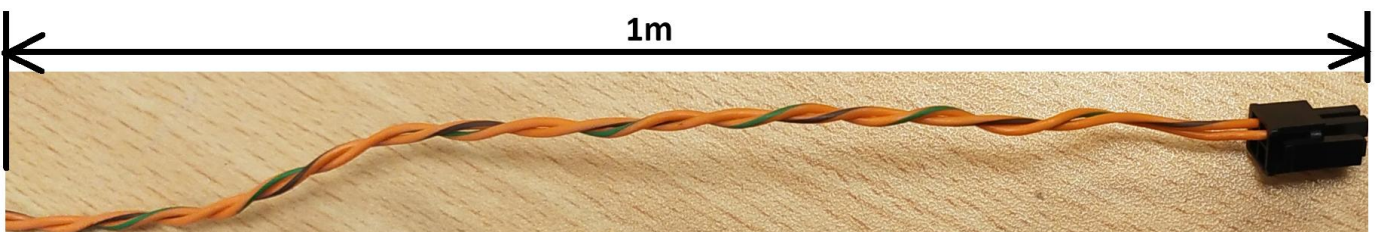
14. Remove the 2 plastic nuts which secure the vent cover.
15. Carefully remove the vent cover and set aside.



16. Remove tape from the main wiring loom.
17. Within the loom, locate a twisted pair of wires (Yellow/Red & Yellow/Brown).



18. Locate the UNTC004 twisted pair of wires (Orange/Green & Orange/Brown).
19. From the black connector of the UNTC004 twisted pair cut around 1m of wire.



Installation Instructions

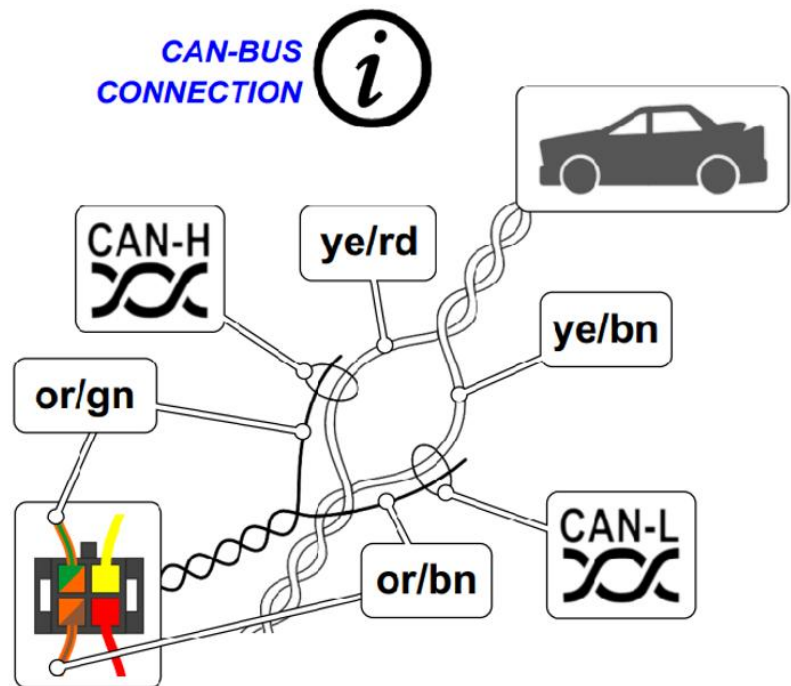
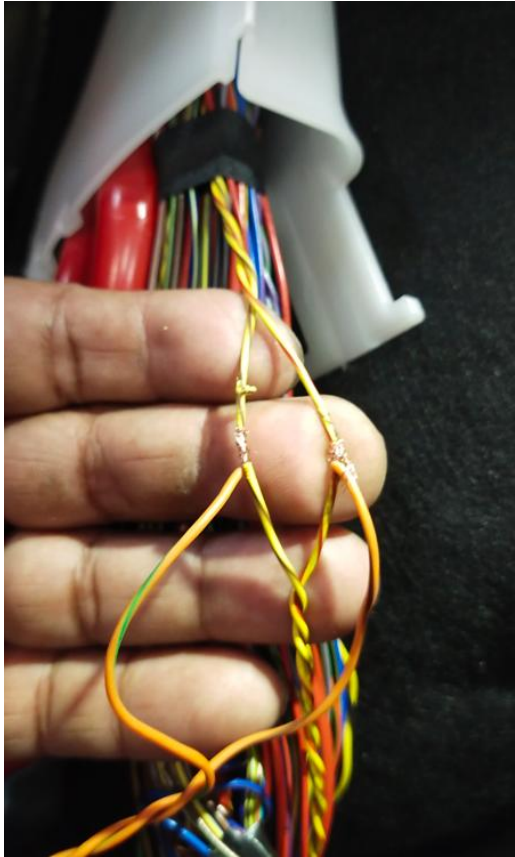


20. With the supplied scotch locks connect the UNTC004 Orange/Green wire to the Vehicles Yellow/Red wire.

21. Connect the UNTC004 Orange/Brown wire to the Vehicles Yellow Brown wire.

NOTE: Although scotch locks can be used, it is suggested to solder for a secure connection.

22. Cover up any exposed wire with good quality electrical tape.



23. Locate the UNTC004 power wire and fuse link.

24. Assemble the fuse link.

25. Cut the ring terminal from the fuse link and strip around 10-15mm of wire.

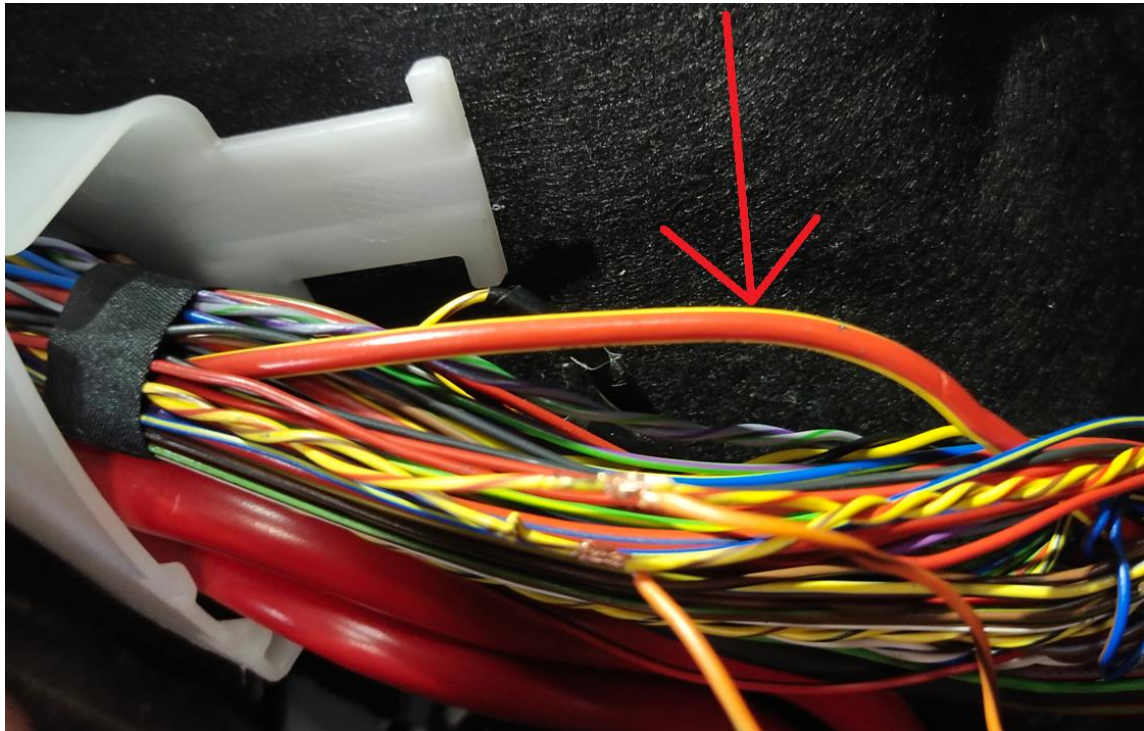


Installation Instructions

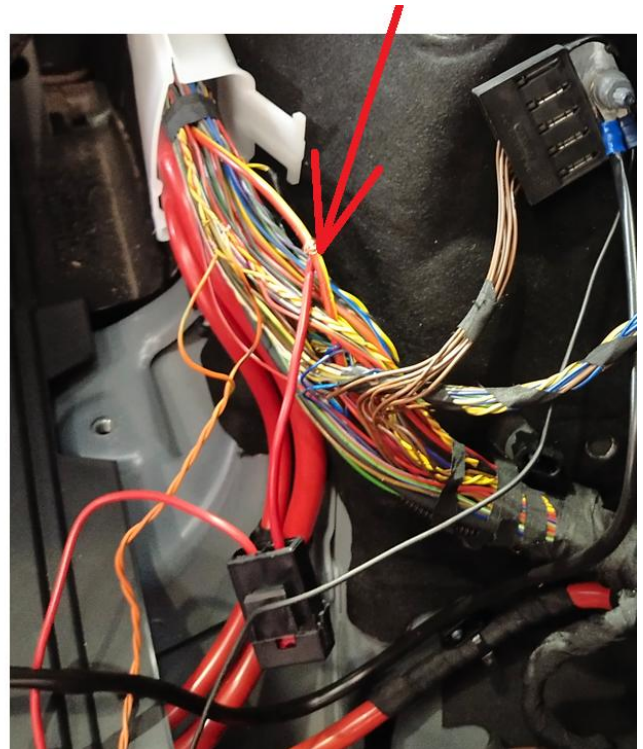


26. In the vehicle wiring loom from Step 16, locate a thick Red/Yellow wire.

27. Test this wire with a multi-meter to ensure it's a 12V line (it may read 10 to 13V).



28. Splice and solder the previously stripped fuse link wire to this wire.



Installation Instructions



29. Find the following grommet on the vehicle floor panel underneath the fuse box.
30. Pop out the grommet.
31. Locate the UNTC004 tail section harness.
32. Feed the UNTC004 tail section harness through the grommet hole up to the supplied grommet.
33. Seat the grommet ensuring it makes a good seal.



34. Underneath the vehicle, route the tail section to the vicinity of the towbar plug mount.
35. Wire up the tail section to the supplied 7-pin flat socket using the guide below.

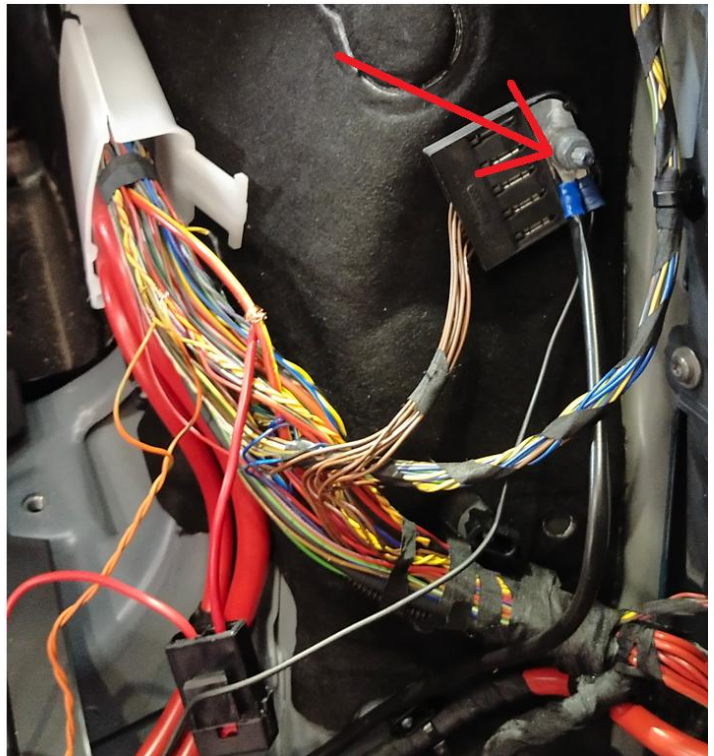


Pin No.	Wire Colour	Function
1.	Yellow	Left indicator light
2.	Black	Reverse
3.	White	Earth
4.	Green	Right indicator light
5.	Blue	Electric Trailer Brakes
6.	Red	Brakes lights
7.	Brown	Tail light, number plate light

Installation Instructions



36. Back inside the vehicle locate the earth ring terminals from the power wire and the tail section.
37. Find the earth point and fasten the ring terminals to it.



38. Locate the UNTC004 module and connect the harness mating connectors to it.



39. Test the functionality of the harness with a light test board.
40. Tidy up the installation with cable ties.
41. Refit all removed components in reverse order.
42. Place these fitting instructions in the glove box.
43. Notify the customer of the location of the fuse and module.

Installation Instructions



44. When reversing, the RPA alarms can be disabled by pressing the button on the dash with the following symbol or similar:



TAG Warranty Statement



SWD warrants your TAG Harness for 1 year (12 Months) under the following conditions:

- You can show proof of purchase.
- The harness has been correctly installed by a suitably qualified installer.
- The harness has not been modified or abused in any way and has only been used for the purpose intended.
- The harness was not fitted second hand to your vehicle.

The extent of this warranty includes materials and workmanship used in the manufacture of the harness and is to the equivalent value of current, full replacement cost.

Nothing stated or implied in this warranty limits in any way, the statutory rights that you may have.

To make a claim visit the original installer in the first instance or, if you are unable to or are not satisfied with their help, then contact us direct by phone on 1300 669122 or visit www.swd.com.au.