



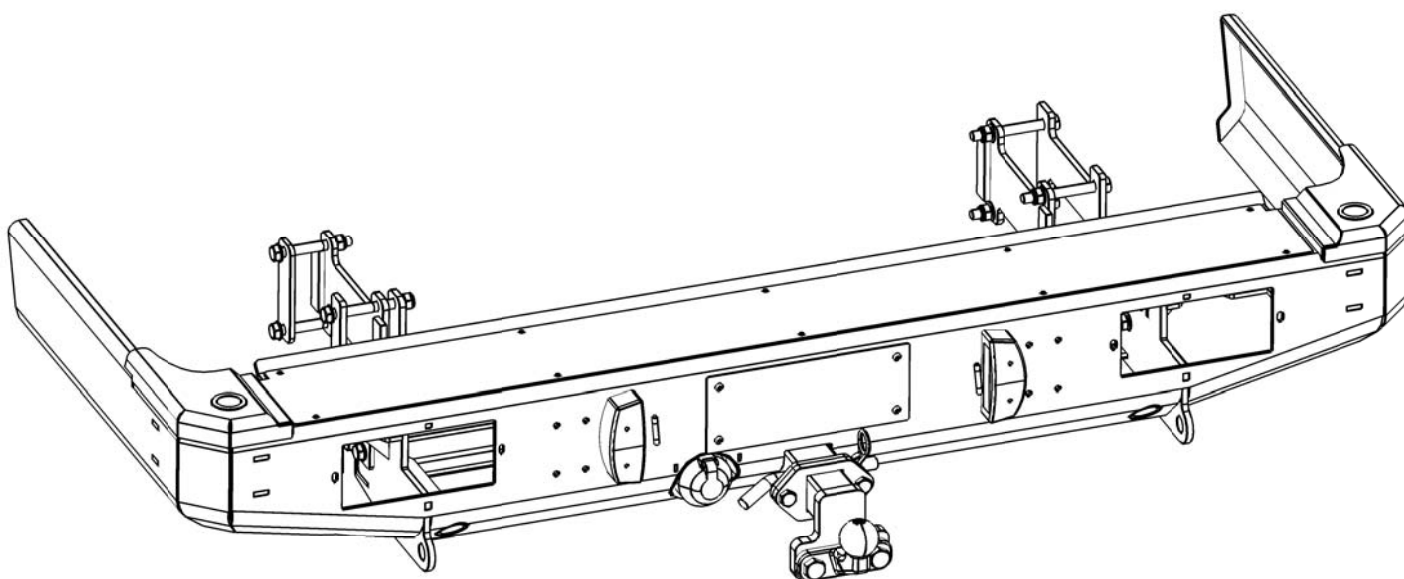
**FRONT RUNNER**

**TOYOTA LANDCRUISER 70  
STATION WAGON  
REAR BUMPER**

**ENG**

RBTL003

 **INSTALL TIME: 5 Hours**



**IMPORTANT WARNING!**

**IT IS CRITICAL THAT ALL FRONT RUNNER PRODUCTS BE PROPERLY AND SECURELY ASSEMBLED AND ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN AUTOMOBILE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH TO YOU OR TO OTHERS. YOU ARE RESPONSIBLE FOR ASSEMBLING AND SECURING ALL FRONT RUNNER PRODUCTS TO YOUR VEHICLE, CHECKING THE ATTACHMENTS PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR, AND DAMAGE. THEREFORE, YOU MUST READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND CAUTIONS SUPPLIED WITH YOUR FRONT RUNNER PRODUCT PRIOR TO INSTALLATION OR USE. IF YOU DO NOT UNDERSTAND ALL OF THE INSTRUCTIONS AND CAUTIONS, OR IF YOU HAVE NO MECHANICAL EXPERIENCE AND ARE NOT THOROUGHLY FAMILIAR WITH THE INSTALLATION PROCEDURES, YOU SHOULD HAVE THE PRODUCT INSTALLED BY A PROFESSIONAL INSTALLER OR OTHER QUALIFIED PERSONNEL.**

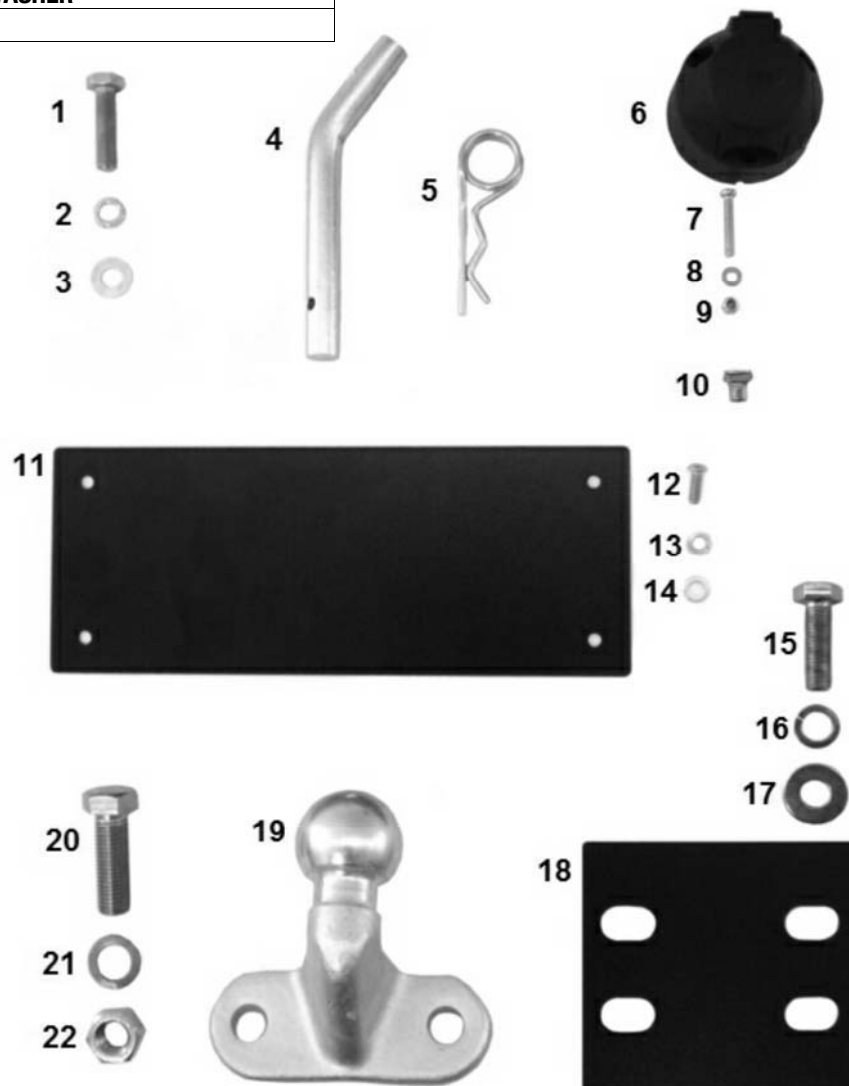
# 1 GET ORGANIZED...

Here is what you are looking at:

| Item # | Quantity | Description                          |
|--------|----------|--------------------------------------|
| 1      | 6        | M10x40 FINE THREAD HEX BOLT          |
| 2      | 6        | M10 SPRING WASHER                    |
| 3      | 6        | M10 FLAT WASHER                      |
| 4      | 1        | LOCKING PIN                          |
| 5      | 1        | R-CLIP                               |
| 6      | 1        | TRAILER PLUG                         |
| 7      | 3        | M5x30 CHEESE HEAD SCREW              |
| 8      | 6        | M5 FLAT WASHERS                      |
| 9      | 3        | M5 NYLOC NUT                         |
| 10     | 4        | M6 RIVNUT with M10 HALF NUT attached |
| 11     | 1        | COVER PLATE                          |
| 12     | 4        | M6x16 BUTTON HEAD BOLT               |
| 13     | 4        | M6 SPRING WASHER                     |
| 14     | 4        | M6 FLAT WASHER                       |
| 15     | 4        | M12x40 FINE THREAD BOLT              |
| 16     | 4        | M12 SPRING WASHER                    |
| 17     | 4        | M12x30x3 FLAT WASHER                 |
| 18     | 4        | SPACER PLATE                         |
| 19     | 1        | TOW BALL                             |
| 20     | 2        | M16x50 HEX BOLT                      |
| 21     | 2        | M16 SPRING WASHER                    |
| 22     | 2        | M16 HEX NUT                          |

## You will need:

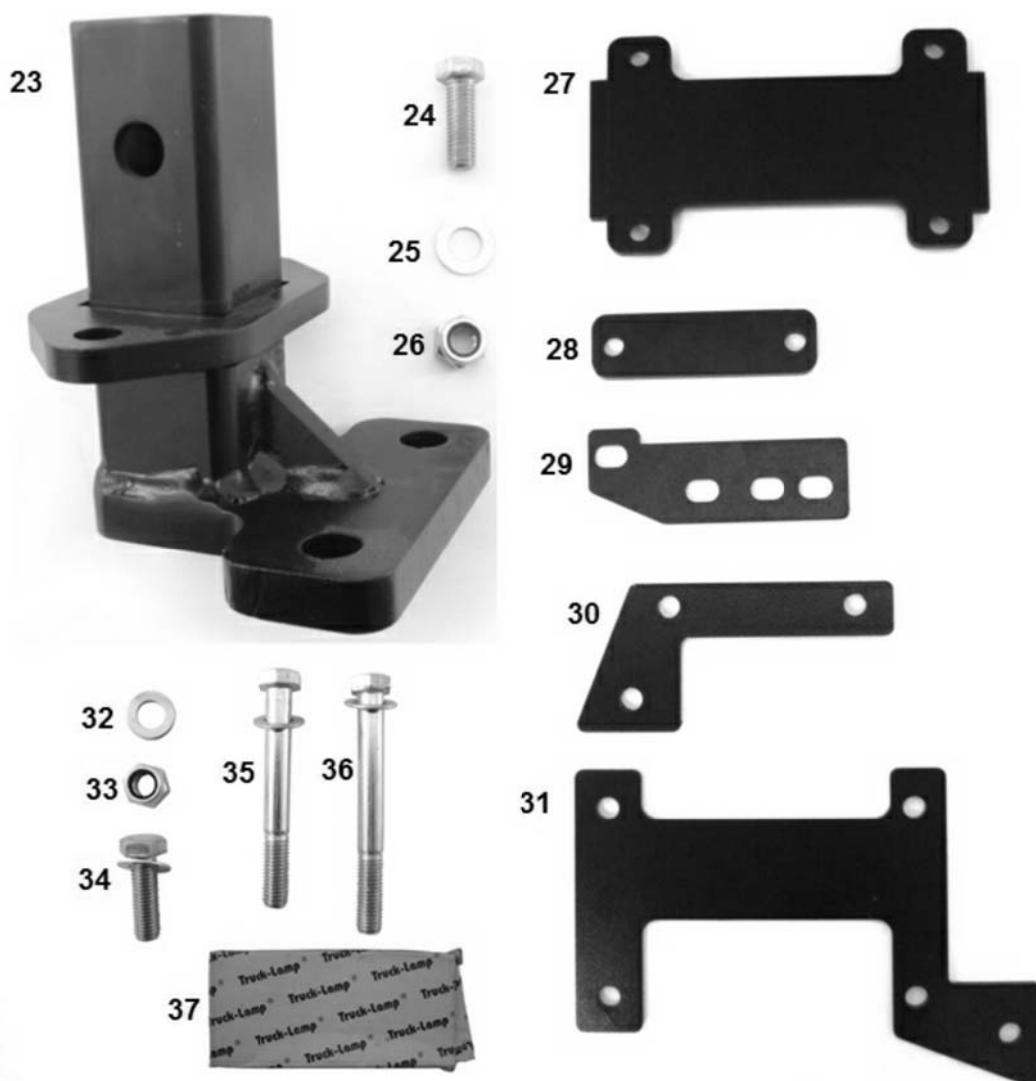
- ☐ 10, 12, 13, 14, 17, 19, 24 mm Socket Wrench & Spanner
- ☐ 4mm Hex key
- ☐ Rubber Mallet
- ☐ Block of wood
- ☐ Star Screw Driver
- ☐ Flat Screw Driver
- ☐ 2 Friends
- ☐ Insulation tape
- ☐ Side Cutter
- ☐ Cable Ties



# 1 GET ORGANIZED CONT...

Here is what you are looking at:

| Item # | Quantity | Description                                              |
|--------|----------|----------------------------------------------------------|
| 23     | 1        | TOW NECK                                                 |
| 24     | 2        | M12x35 HEX BOLT                                          |
| 25     | 4        | M12 FLAT WASHER                                          |
| 26     | 2        | M12 NYLOC NUT                                            |
| 27     | 2        | MOUNTING PLATE 1                                         |
| 28     | 2        | MOUNTING PLATE 2                                         |
| 29     | 2        | MOUNTING PLATE 3                                         |
| 30     | 2        | MOUNTING PLATE 4                                         |
| 31     | 1        | MOUNTING PLATE 5                                         |
| 32     | 14       | M12 FLAT WASHER                                          |
| 33     | 14       | M12 NYLOC NUT                                            |
| 34     | 6        | M12x40 HEX BOLT with M12 FLAT WASHER (to be assembled)   |
| 35     | 6        | M12x100 HEX BOLT with M12 FLAT WASHER (to be assembled)  |
| 36     | 2        | M12x110 HHEX BOLT with M12 FLAT WASHER (to be assembled) |
| 37     | 2        | NUMBER PLATE LIGHT                                       |



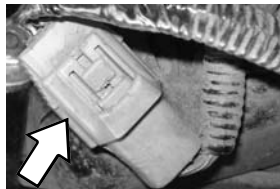
( A ) Familiarize yourself with the parts and then step away from the work area and read through these instructions from beginning to end. Take a moment as little prep now may save you a lot of time later.

## 2 REMOVE THE ORIGINAL BUMPER & MUD FLAPS



**Note:** You need to connect the 5 core cable supplied before fitting the new bumper. The original plug can be found in the back left of the chassis on the vehicle.

- ( A ) At the rear original bumper, you will see the two tail lights. At the back of each tail light, unplug each tail light and remove it from the original bumper.



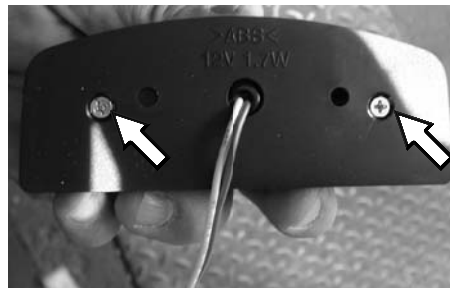
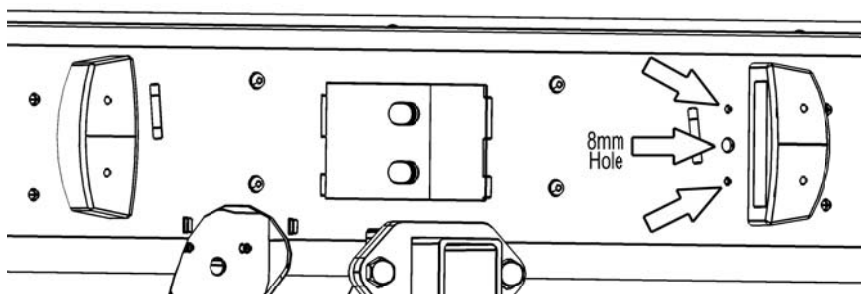
- ( B ) Loosen and remove the two mud flaps from the rear of the vehicle. Loosen the bolts securing the bumper to the vehicle and remove the original bumper.



## 3 INSTALLATION OF NUMBER PLATE LIGHTS

- ( A ) Using a star screw driver, assemble the two number plate lights as shown. On the bumper you will see a 8mm hole in the middle of two smaller holes, feed the wires from the lights through the 8mm hole.

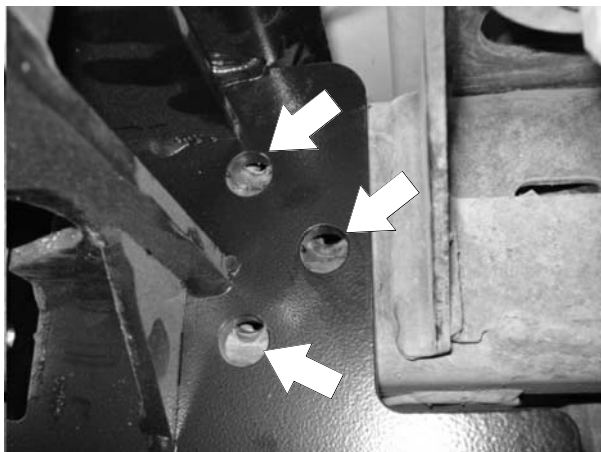
Fit Number Plate Lights (Item 37) to the bumper using the M4 x30 Bolts, Spring Washers and Flat Washers supplied in the Number Plate Light kit box. You may need to leave one light off if you have a long number plate. Tighten using a star screw driver.



## 4 INSTALLATION OF REAR BUMPER

- (A) With the help of two friends, line the Replacement Bumper up with the vehicle's chassis and slide the bumper over the back of the chassis. The three mounting holes in the left and right hand side of the Replacement Bumper must line up with the threaded holes in the vehicle's chassis. If the fitment onto the back of the chassis is a bit tight, you may need to use a rubber mallet and a block of wood to knock the bumper into position.

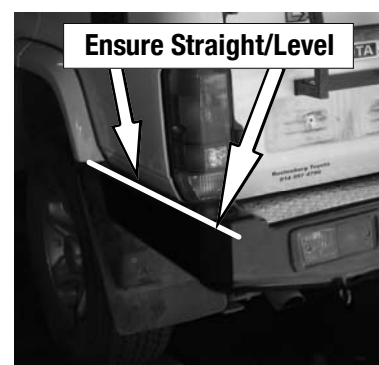
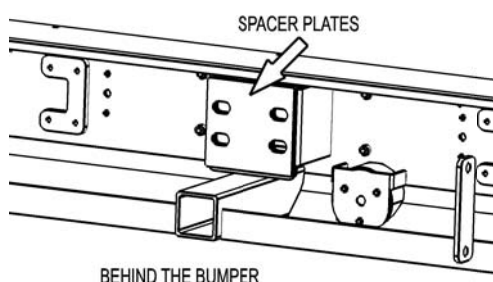
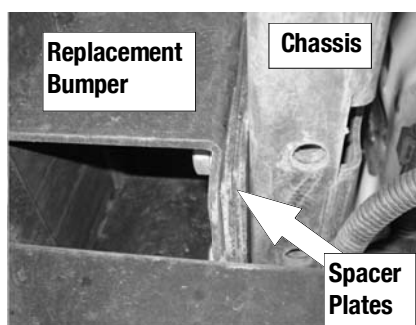
Insert a M10 x40 Fine Thread Hex Bolt, M10 Spring Washer and M10 Flat Washer (Items 1, 2, 3) into each of the six threaded holes (Three left, three right). Do not tighten bolts.



- (B) In the center of the Replacement Bumper, where the Tow Hitch will be placed. Slide the required number of Spacer Plates (Item 18, four provided) between the chassis and the Replacement Bumper as shown below to make up the gap between the Replacement Bumper and Chassis.

Ensure that the Replacement Bumper is sitting straight/level. If this is not the case you will need to cut one of the Spacer Plates in half and space either the top (If Replacement Bumper is running down) or the bottom (If the Replacement Bumper is running up).

The four holes in the Spacer Plates will line up with the threaded holes in the vehicle's chassis and the Replacement Bumper. Fasten the Replacement Bumper and Spacer Plates to the vehicle using the four M12 x40 Fine Thread Bolts, four M12 Spring Washers and four M12 x30 x3 Flat Washers (Items 15, 16, 17). Tighten all the bolts including the six from Step 4A.



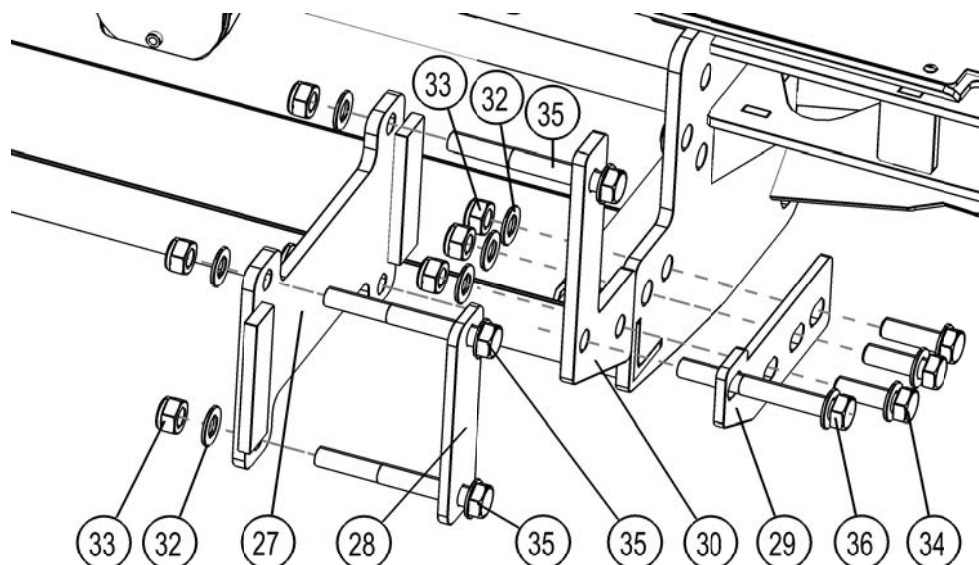
## 4 INSTALLATION OF SIDE BRACKETS

- ( C ) Referring to the Parts Table on Page 3, assemble and fit the various Side Brackets for the Land Cruiser 70 Station Wagon (as shown on Page 6 below) and the Land Cruiser 78 Troopy (as shown on Page 7).

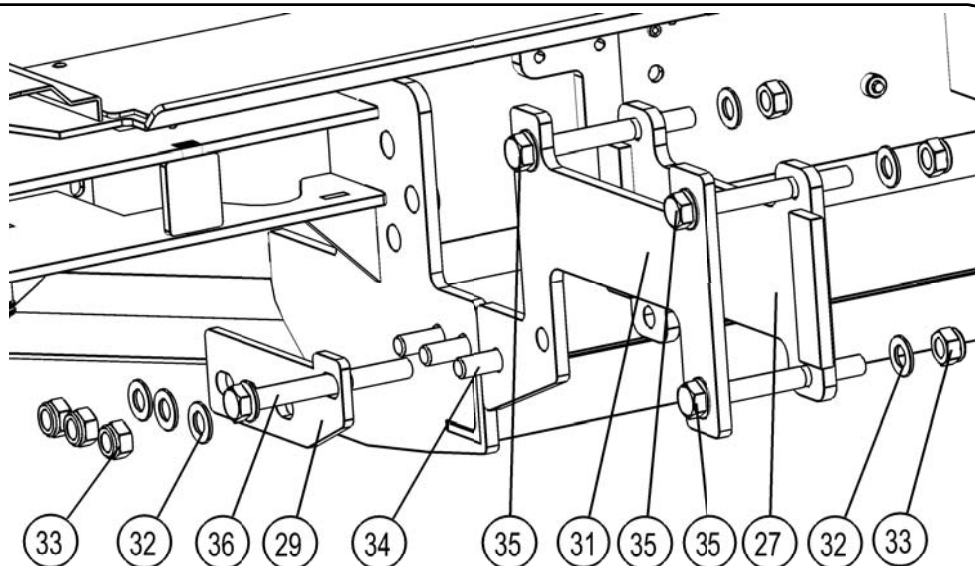
Note that the chassis runs between the two "sets" of plates with bolts sitting on top and below the chassis and that fitment dependant, not all bolts and mounting plates supplied will be used.

### LAND CRUISER 70 STATION WAGON

**LEFT HAND  
SIDE OF  
VEHICLE**



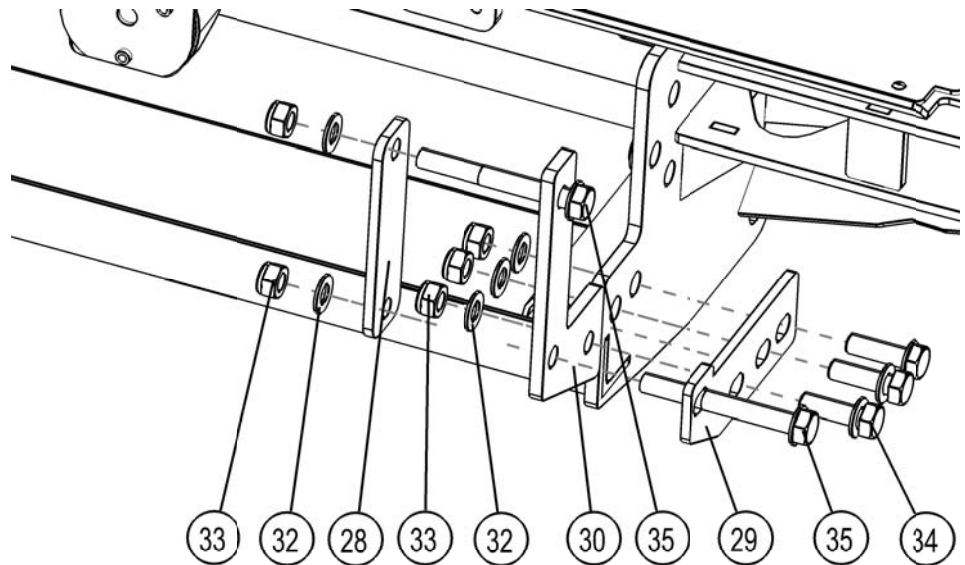
**RIGHT HAND  
SIDE OF  
VEHICLE**



## 4 INSTALLATION OF SIDE BRACKETS CONT...

### LAND CRUISER 78 TROOPY

**LEFT & RIGHT  
HAND SIDE  
OF VEHICLE**



## 5 INSTALL TOW NECK & TOW BALL

- ( A ) If not already assembled, place the Tow Neck (Item 23) into the square tube on the Replacement Bumper and fasten using the two M12x35 Hex Bolt, four M12 Flat Washes and two M12 Nyloc Nuts (Items 24, 25, 26). Insert the Locking Pin (Item 4) into the hole behind the Mounting Plate and insert the R-clip (Item 5) into the hole at the one end of the Locking Pin.

Place the Tow Ball (Item 19) onto the Tow Neck. Insert the two M16 x50 Hex Bolts (Item 20) and secure using the M16 Spring Washer and M16 Hex Nut (Items 21 & 22). Tighten bolts.

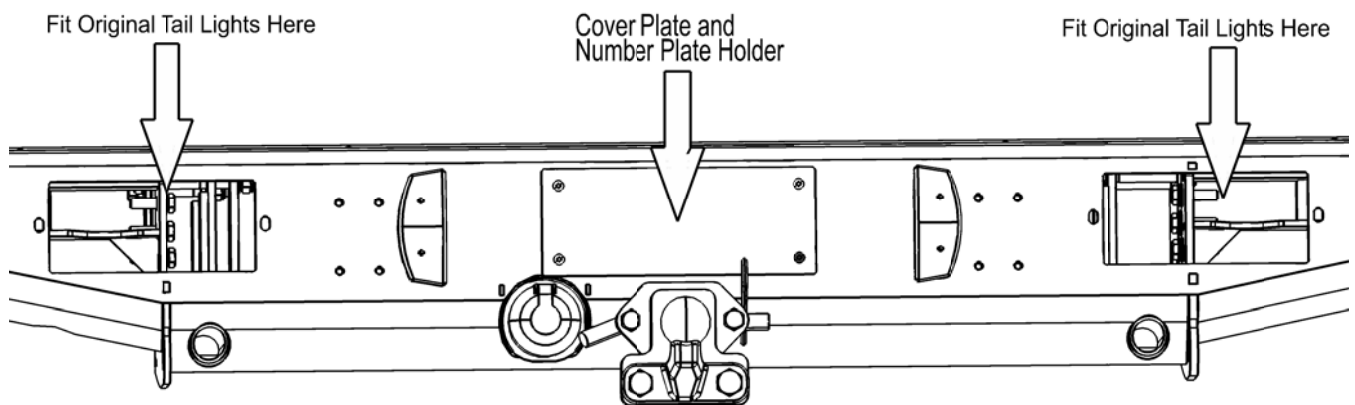


## 6 FIT REAR LIGHTS & NUMBER PLATE/HOLDER

- ( A ) Remove the number plate and original holder from the left rear door. Fit the Cover Plate (Item 11) and number plate holder between the two number plate lights. using the M6 x16 Button Head Bolts, M6 Spring Washers and M6 Spring Washers (Items 12, 13 ,14) supplied.

Fit the original tail lights removed in Step 2A into the cut outs in the Replacement Bumper. Plug in each tail light to its corresponding plug. Fasten the tail lights from behind using the four M6 Rivnut with M10 Half Nut attached (Item 10) supplied.

Connect up female Trailer Plug (Item 6) with the 5 core cable supplied to vehicles original harness and the two number plate lights. Secure the trailer plug to the Replacement Bumper using the three M5x30 Cheese Head Screws, six M5 Flat Washers and three M5 Nyloc Nuts (Items 7, 8, 9).



**Congratulations, you have completed your installation. Take a step back and admire your work. Good Job!**

## 7 INSTALL OTHER VEHICLE AND RACK ACCESSORIES

- ( A ) Now's the time to visit your favorite Front Runner dealer in person or online.