

## FITTING PROCEDURE

1. ORIENTATE YOURSELF WITH EACH PLATE AND WHERE THEY WILL BE MOUNTED
2. START WITH THE LARGE TRANSMISSION PLATE AT THE REAR
3. BOLT THE WING PLATE TO THE PASSENGER SIDE OF THE TRANSMISSION PLATE USING THE M10x20 BOLTS, WASHERS AND NYLOC NUTS
4. LOOSELY BOLT THE TRANSMISSION PLATE IN PLACE USING M10x25 FINE BOLTS. USE CLAMPS TO HOLD THE PLATE IN PLACE IF NEED BE WHILE YOU GET THE BOLTS STARTED
5. LOOSELY BOLT SUMP PLATE IN PLACE
6. SLIDE REAR OF FRONT PLATE OVER FRONT OF SUMP PLATE. THE REAR MOUNTING PRONGS ON THE FRONT PLATE GO BETWEEN THE SUMP AND THE CROSSMEMBER. THE REAR LIP OF THE FRONT PLATE WILL OVERLAP THE SUMP PLATE
7. LOOSELY BOLT THE FRONT PLATE IN PLACE. THE FACTORY BUMPER AND AIR DEFLECTOR WILL BOLT UP TO THE M6 HOLES IN THE FRONT LIP OF THE FRONT PLATE
8. ALIGN AND SQUARE UP ALL PLATES AND PROCEED TO TIGHTEN ALL BOLTS

FACTORY BUMPER &  
AIR DEFLECTOR  
BOLT TO THESE HOLES

M10x25 FINE, FLAT WASHER,  
SPRING (x2)

M10x25 FINE, FLAT WASHER,  
SPRING (x2)

M10x25 FINE, FLAT WASHER,  
SPRING (x3)

M10x25 FINE, FLAT WASHER,  
SPRING (x2)

M10x20, FLAT WASHERS, NYLOC (x3)

PLATE WEIGHTS	3mm
FRONT PLATE	7.3 KG
SUMP PLATE	7.1 KG
TRANSMISSION	13.1 KG

REVISIONS A: 22/12/23 R. BELL ORIGINAL ISSUE	UNLESS OTHERWISE STATED UNTOLERANCED DIMENSIONS TO BE WITHIN THE LIMITS SHOWN				DRAWN	RICHARD BELL	ASSEMBLY AND BOLT DETAILS  CUSTOM OFFROAD ACCESSORIES GWM TANK 300 BASH PLATES COMPONENT DETAILS  ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SPECIFIED	SIZE	DRAWING No.		
	NOMINAL SIZE	UP TO 50	ABOVE 50 UP TO 100	ABOVE 100 UP TO 300	ABOVE 300 UP TO 1000	CHECKED			A1	NUMBER	REV.
	MACHINING	± 0.1	± 0.2	± 0.3	± 0.5	± 1.0		APPROVED		COA-220	A
	FABRICATION	± 0.5	± 0.5	± 0.5	± 1.0	± 2.0		DATE APPD		CUSTOMER	
	ASSEMBLIES	± 0.5	± 0.5	± 0.5	± 1.0	± 2.0		SCALE	1:3	PROJECT	
DO NOT SCALE IF IN DOUBT ASK							TITLE CUSTOM OFFROAD ACCESSORIES GWM TANK 300 BASH PLATES COMPONENT DETAILS		CAD FILE COA-220-GWM Tank 300 Assembly Instructions		
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FACTORY BUMPER &  
AIR DEFLECTOR  
BOLT TO THESE HOLES

M10x25 FINE, FLAT WASHER,  
SPRING (x2)

M10x25 FINE, FLAT WASHER,  
SPRING (x2)

M10x30, FLAT WASHER,  
SPRING, NUT PLATE (x1)

M10x25 FINE, FLAT  
WASHER, SPRING (x2)

M10x25 FINE, FLAT  
WASHER, SPRING (x2)

### PLATE WEIGHTS

3mm

FRONT PLATE

7.3 KG

SUMP PLATE

7.1 KG

TRANSMISSION/WINGS

16.7 KG

REAR GUARD

6.7 KG

M10x20, FLAT WASHERS,  
NYLOC (x2)

M10x25 FINE, FLAT WASHER,  
SPRING (x2)

M10x30, FLAT WASHER,  
SPRING, NUT PLATE (x2)

M10x20, FLAT WASHERS,  
NYLOC (x3)

M6x25, FLAT WASHER, SPRING (x2)

### FITTING PROCEDURE

1. ORIENTATE YOURSELF WITH EACH PLATE AND WHERE THEY WILL BE MOUNTED
2. START WITH THE LARGE TRANSMISSION PLATE AT THE REAR
3. BOLT THE WING PLATES TO THE SIDES OF THE TRANSMISSION PLATE USING THE FIVE M10x20 BOLTS, WASHERS AND NYLOC NUTS
4. LOOSELY BOLT THE TRANSMISSION PLATE IN PLACE USING M10x25 FINE BOLTS. USE CLAMPS TO HOLD THE PLATE IN PLACE IF NEED BE WHILE YOU GET THE BOLTS STARTED
5. SLIDE ONE OF THE NUT PLATES WITH THE CABLE TIE ATTACHED INTO THE DRIVERS SIDE CHASSIS RAIL FROM THE WHEEL WELL TO LINE UP WITH THE HOLE FOR THE DRIVERS SIDE WING
6. LOOSELY BOLT SUMP PLATE IN PLACE
7. SLIDE REAR OF FRONT PLATE OVER FRONT OF SUMP PLATE. THE REAR MOUNTING PRONGS ON THE FRONT PLATE GO BETWEEN THE SUMP AND THE CROSSMEMBER. THE REAR LIP OF THE FRONT PLATE WILL OVERLAP THE SUMP PLATE
8. LOOSELY BOLT THE FRONT PLATE IN PLACE. THE FACTORY BUMPER AND AIR DEFLECTOR WILL BOLT UP TO THE M6 HOLES IN THE FRONT LIP OF THE FRONT PLATE
9. FOR THE REAR GUARD REMOVE THE TWO M6 BOLTS LOCATED EITHER SIDE OF THE TOW BALL ON THE UNDERSIDE OF THE BUMPER
10. SLIDE THE REAR OF THE PLATE BETWEEN THE BUMPER "TONGUES" AND THE BUMPER BRACKET, AND BOLT USING M6 BOLTS PROVIDED
11. SLIDE TWO NUTPLATES INSIDE REAR CROSSMEMBER FROM THE DRIVERS SIDE USING CABLE TIES ATTACHED, ALIGN AND BOLT FRONT OF PLATE TO NUT PLATES
12. ALIGN AND SQUARE UP ALL PLATES AND PROCEED TO TIGHTEN ALL BOLTS

REVISIONS  
A: 26/04/24  
R. BELL  
ORIGINAL ISSUE

UNLESS OTHERWISE STATED  
UNTOLERANCED DIMENSIONS  
TO BE WITHIN THE LIMITS SHOWN

DRAWN

RICHARD BELL

CHECKED

APPROVED

DATE APPD

SCALE

1:4

DO NOT SCALE  
IF IN DOUBT  
ASK

### ASSEMBLY AND BOLT DETAILS

TITLE  
CUSTOM OFFROAD ACCESSORIES  
GWM TANK 300 HEV BASH PLATES  
COMPONENT DETAILS

ALL DIMENSIONS IN MILLIMETRES  
UNLESS OTHERWISE SPECIFIED

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SIZE

A1

DRAWING No.

NUMBER

COA-220

REV.

A

CUSTOMER

PROJECT

CAD FILE

COA-220-GWM Tank 300 Assembly Instructions