



Ginetta

BRITISH SPORTS CARS

Ginetta G50 Cup Car Build Manual v.5



*Typical chassis
number*

[G50 LT 001](#)





Ginetta

BRITISH SPORTS CARS

Ginetta G50 Cup Car





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Ginetta G50 Dimensions

Minimum weight

940 kg

Overall length

4124 +/- 5 mm

Wheelbase

2445 +/- 10 mm

Overhang

Front	Rear
<u>846</u> +/- 10 mm	<u>831</u> +/- 10 mm

Overall width

1890 mm +/- 1 %

Where measured FRONT AXLE

Width of bodywork at axle centreline

Front	Rear
<u>1890</u> mm +/- 1 %	<u>1890</u> mm +/- 1 %

Maximum track

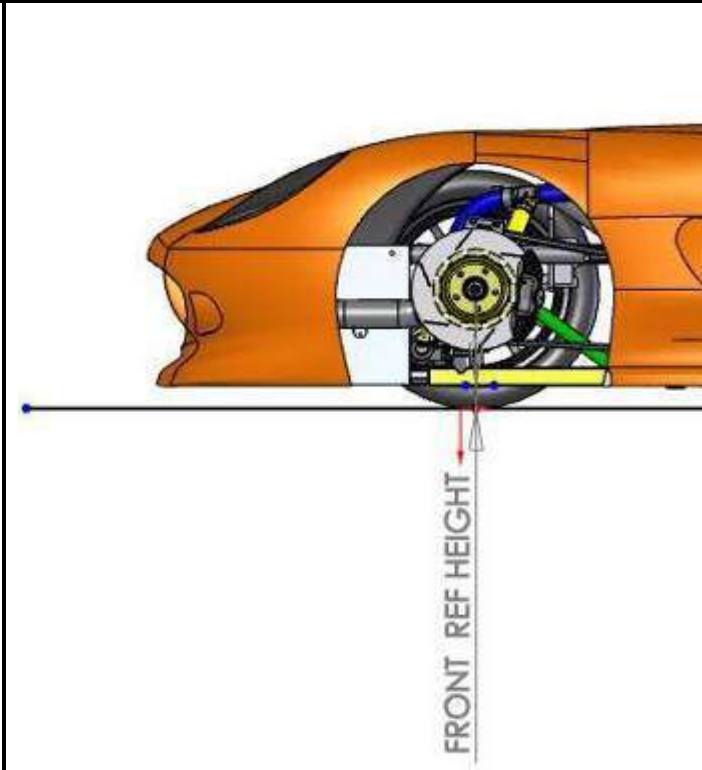
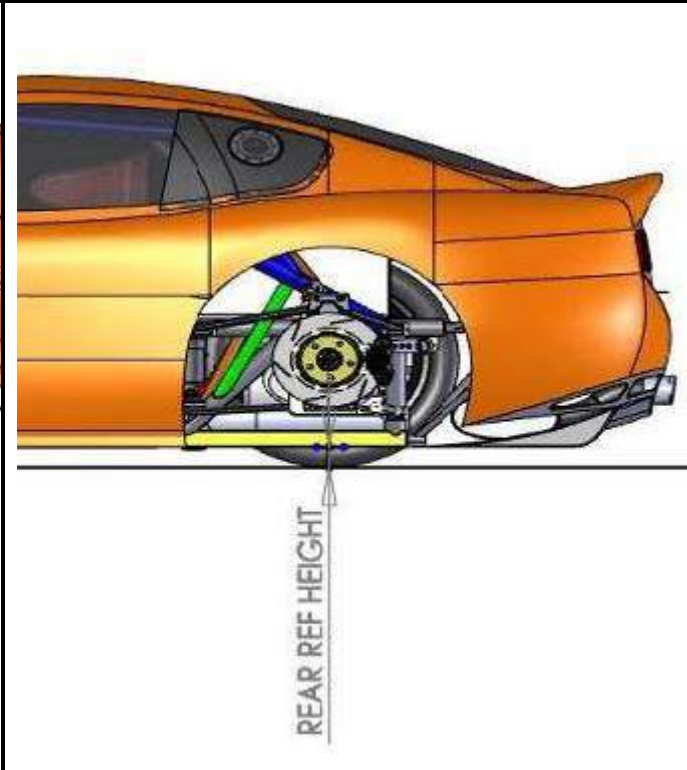
Front		Rear	
mini	maxi	Mini	maxi
<u>1876</u> mm +/- 1 %	<u>1894</u> mm +/- 1 %	<u>1876</u> mm +/- 1 %	<u>1894</u> mm +/- 1 %



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Ginetta G50 Ride Height Reference

	Front	Rear
Minimum Ride Height of car (At all times)	60 +/- 5 mm	60 +/- 5 mm
References on chassis		

This measurement is for set-up use only, and should not be used as a measurement for the championship regulations minimum ride height



Ginetta G50 Initial Run Recommendations

It is important to realise when running a car for the first time, that painted, powder coated, and plated surfaces tend to bed together and can work loose during the initial running period.

Consequently, it is strongly recommended that one out lap is completed after which all oil, water, and fuel lines are checked for security, along with the wheel nuts.

After this, a further run of four laps should be completed, after which a thorough spanner check must be carried out, checking the security of all components.

Particular attention should be paid to hub nuts, CV joints, braking and steering systems, suspension mounts and lock nuts, and also the airjack locking rings.

As with all new car builds, it can be increasingly difficult to get all the air from the brake system, at sometime during the first run it is also advised that you should bleed the brakes and clutch to remove any excess air from the systems.

At all times during testing, visual checks should be made whenever the car is stationary.

Once testing is complete the car must be thoroughly cleaned, spanner checked, all fluid levels checked, and generally inspected, before returning to the track.

Extra attention should be paid to all engine drive belts, after any visits to gravel traps, for damage or misalignment.

Please note that the regulations for the G50 Cup will be very closely controlled and we would strongly advise that you consult Ginetta before making **any** alterations to the car, no matter how miniscule this may be. The regulations will focus primarily upon maintaining the original specification of the car and you should work on the assumption that **any modifications will render the car ineligible.**



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Ginetta G50 Car Set Up

ALL THESE ITEMS CAN BE SET UP IN THE AIR

DAMPER TYPE	Ohlin	Ohlin
DAMPER SETTING	- 10	- 10
AEON TYPE / SIZE	Rubber / 25mm	Rubber / 25mm
A R BAR & SETTING	Hole 3	Full Soft
MASTER CYLINDER SIZE	0.7 inch	0.7 inch
BRAKE DISCS / PADS	Alcon / PF 01	Alcon / PF 01
BIAS SETTING		
SPRINGS	800lbs	650lbs
PRELOAD STATIC	Zero	Zero
DAMPER PLATFORM AIR	58mm ^ 58mm	57mm ^ 57mm
CAMBER SHIMS	8mm ^ 8mm	4mm ^ 4mm
CASTOR SETTINGS	^	^
TYRE	Michelin Slick	Michelin Slick

ALL THESE ITEMS TO BE SET UP ON FLAT PATCH

TYRE PRESSURE	HOT	28psi ^ 28psi	28psi ^ 28psi
CAMBER ANGLE DEGREES		3.25 ^ 3.25	2.0 ^ 2.0
TOE IN / OUT		1mm out ^ 1mm out	2mm in ^ 2mm in
RIDE HEIGHT		62mm ^ 62mm	72mm ^ 72mm

THESE ITEMS REFERENCE ONLY

BRAKE DUCTS		None Fitted	None Fitted
TYRE PRESSURE	COLD	22psi ^ 22psi	20psi ^ 20psi
Wing Setting		-	5°

This set-up is based on a complete car with all fluids, (water, oil, etc), no driver, and 10 litres of fuel.
Alternative Camber shims are available in sizes 2mm, 3mm, and 5mm.



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Ginetta G50 Set-up Details

	<i>Front</i>	<i>Rear</i>
Ride Height Change	<u>1 TURN SPRING PLATFORM = 2.5 MM RIDE HEIGHT</u>	<u>1 TURN SPRING PLATFORM = 2.5 MM RIDE HEIGHT</u>
Camber Change	<u>3 MM SHIM = 0.5 DEGREES</u>	<u>3 MM SHIM = 0.5 DEGREES</u>
Toe Change	<u>¼ TURN TRACK ROD = 2.5 MM TOE CHANGE @ WHEEL</u>	<u>¼ TURN TOE LINK = 2.5 MM TOE CHANGE @ WHEEL</u>
Ride Height Change With Camber Change	<u>1 DEGREE CAMBER CHANGE = 3 MM RIDE HEIGHT</u>	<u>1 DEGREE CAMBER CHANGE = 3 MM RIDE HEIGHT</u>
Toe Change With Camber Change	<u>NO CHANGE</u>	<u>NO CHANGE</u>
Damper Adjustment	<u>1 CLICK = 70% BUMP, AND 30% REBOUND</u>	<u>1 CLICK = 70% BUMP, AND 30% REBOUND</u>
Anti-rollbar adjustment, hole 1 – hole 2	<u>STIFFNESS INCREASE = 22.8%</u>	<u>STIFFNESS INCREASE = 17.3%</u>
Anti-rollbar adjustment, hole 2 – hole 3	<u>STIFFNESS INCREASE = 25.7%</u>	<u>STIFFNESS INCREASE = 19.0%</u>
Anti-rollbar adjustment, hole 3 – hole 4	<u>STIFFNESS INCREASE = 29.1%</u>	<u>STIFFNESS INCREASE = 20.8%</u>



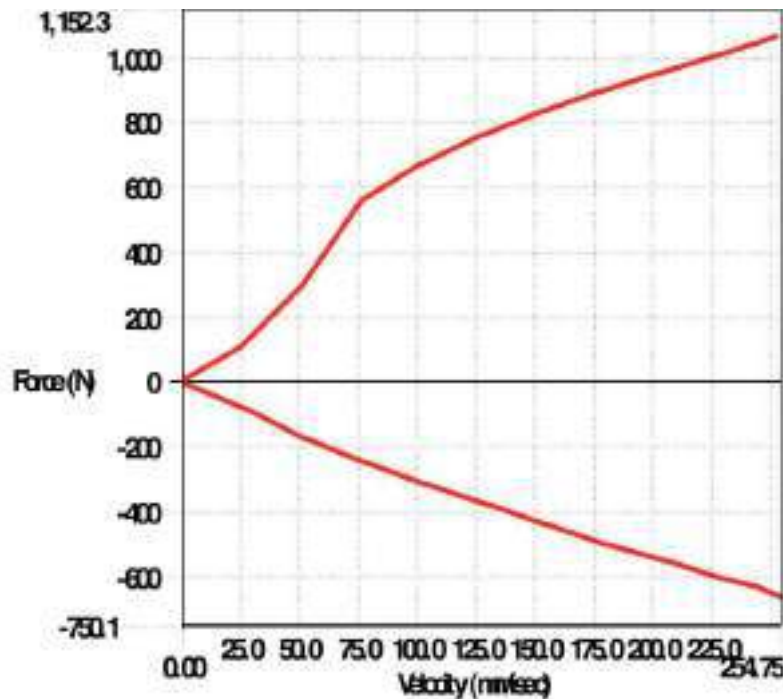
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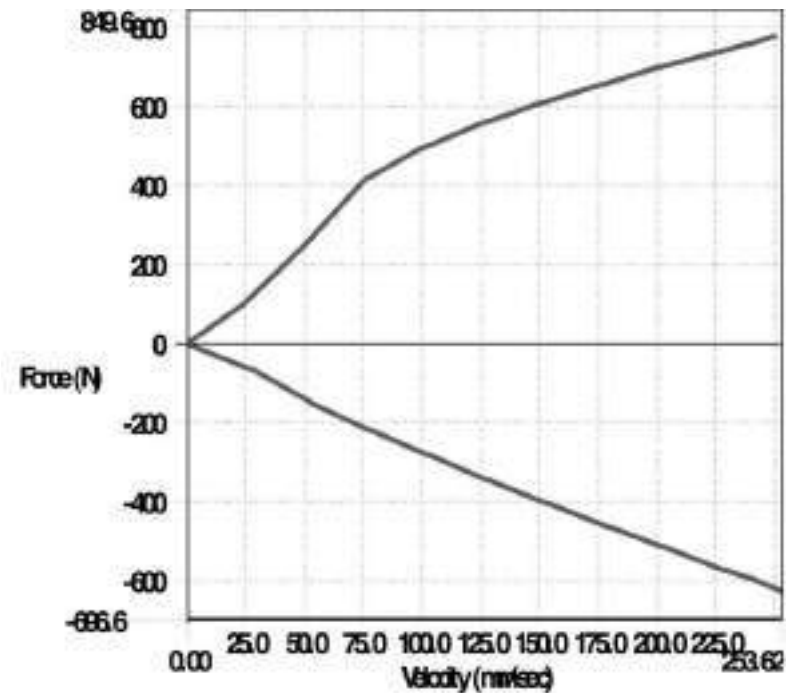
Ginetta G50 Damper Detail

Make and Type	<u>OHLINS OIL FILLED SINGLE ADJUSTER</u>	<u>OHLINS OIL FILLED SINGLE ADJUSTER</u>
Maximum open length	<u>437</u> mm	<u>437</u> mm
Minimum closed length	<u>350</u> mm	<u>350</u> mm

Front damper graph



Rear damper graph





Ginetta G50 Mileage Advice of Critical Components

The following parts must follow a life-mileage program for periodic maintenance / replacement / refurbishment / dimensional and crack checks.

Listed below are typical expected life (in kilometres) to be intended just as a starting reference.

For safety reasons, please contact Ginetta Cars immediately if you discover premature wear or problems.

SUSPENSION		
Suspension wishbones		5000 km
Anti Roll Bars and anti roll bar drop links		5000 km
Suspension ball joints		3000 km
Front hubs		10000 km
Rear hubs		10000 km
STEERING		
Steering column and track rods		5000 km
Steering rack		10000 km
CONTROLS		
Brake pedal		5000 km
Chassis to Engine installation bolts		5000 km
WHEELS, TRANSMISSION and STARTER MOTOR		
Brake disc bell (unless fretting occurs)		3000 km
Wheel rims		5000 km
Wheel bearings		5000 km
SYSTEMS		
Wiring Loom		10000 km
Water Radiators & Oil coolers (unless fins getting damaged)		10000 km



Ginetta G50 Crack Checking of Critical Components

CRACK CHECKS

Routinely performing crack checks on structural parts at regular intervals and after every accident, is strongly recommended.

Parts which should be monitored are:

- Rims
- Seat mounting brackets
- Brake disc bells
- Wishbones, Toe links, and Track rods
- Uprights
- Suspension mounts, and Steering arms
- Anti roll bars and anti roll bar drop links
- The crack checking of any components can be carried out at Ginetta Cars.



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Ginetta G50 Systems

Fuel System

The Ginetta G50 Cup Car has an ATL Saver Cell 60 litre. This style of fuel cell regulates the fuel pressure with a 5 bar fixed regulator at the tank. This means that there is only one fuel line to run through the car to the engine.

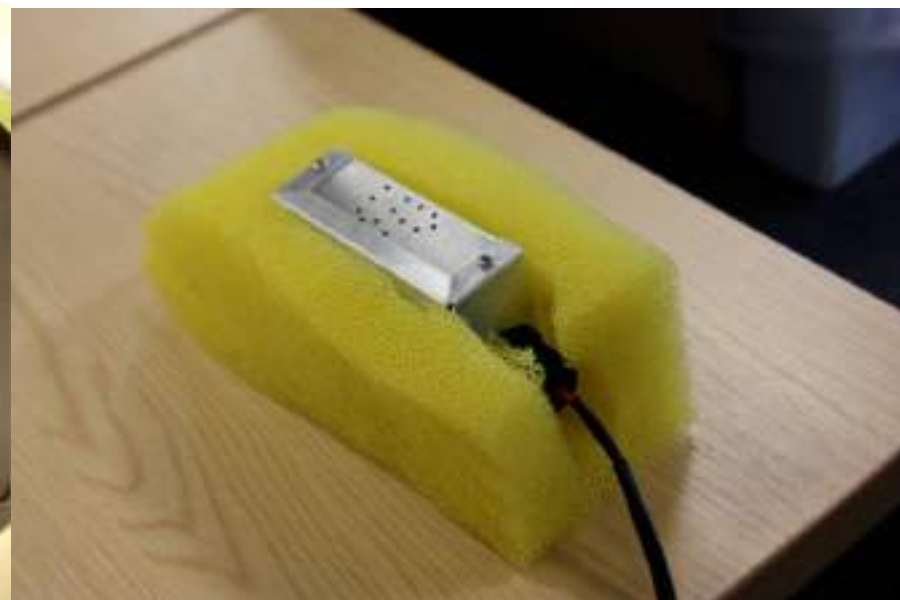
In a case of running out of fuel the engine may take around 30 seconds of running to self-bleed itself.

Below is the schematic of the fuel cell:

Internals



Low level sensor





Ginetta G50 Systems

Checking fluid levels

Checking the fluid levels on the Ginetta G50 Cup Car should be carried out at the start of each day the car will be running. The oil, water and power steering levels should be checked using the following procedure:

- Before starting the engine remove all caps and check the levels. The oil should be around 20-30mm below the top baffle, the water and power steering levels should be around half their tank capacity.
- The engine should now be started. Whilst waiting for the thermostat to open (around 70-75 degrees C), several cycles of the steering should be carried out, ensuring a full sweep each time from full left hand lock to full right hand lock. During this time the power steering fluid level should be monitored, keeping its level around half the tank capacity. The cap should now be replaced.
- As the engine temp rises, attention should be paid to the radiator, ensuring that as the thermostat opens the whole area of the radiator is hot. If this isn't the case then the bleed screw on top of the radiator should be carefully opened to bleed out any air in the system. After any air is removed the water level should topped up to two thirds of the tank capacity and the cap replaced.
- After the fan starts at 95 degrees C, the engine revs should be raised to 3000 rpm, held for 5 seconds then switched off. The oil level should now be checked and topped up if required. The level at this point should be around -0 +10mm above the top baffle.

Ginetta Cars recommends the follow lubricants: 5w30 synthetic oil in the Engine, 75w90 gear oil in both the gearbox and in the Differential, and a premium grade of power steering fluid.



Ginetta G50 Battery care

Dry Cell Battery Care

Charging Procedure:

Only use specific DRY BATTERY chargers

- The charger must give a constant tension between 14.0V and 14.7V.
- The charger must be able to charge with a current of at least 40% of the nominal capacity of 26-27Ah, which is about 10A. The current will come down during charging.
- A complete charge can take up to 10 hours.

SAFETY NOTES:

- Never charge the battery when the battery is "HOT".
- Tighten the cable-nuts not more than 4Nm.
- Charge an empty battery immediately. Do not leave it empty.
- When the battery is stored do not let the tension come down under 12V. Charge it again as soon as possible.
- Store the batteries in ambient temperature of about 25°C. Hotter conditions will reduce the life of the battery.



TO ALL GINETTA OWNERS AND DRIVERS

As you are probably aware there was an accident involving Hunter Abbott in the Ginetta G50 GT4 car which has made everybody at Ginetta think – particularly about the fact that motor racing is dangerous and that the cars we build are going to be entering into an environment where accidents happen and the unexpected occurs.

Whilst we do all that we can within the constraints of providing affordable cars for people to compete in, to make the cars as safe as possible to meet the expected unexpected we cannot eliminate all risks of accidents happening or provide a totally safe environment in which those who drive the cars compete.

Every driver and every person involved in the preparation of the cars for circuit use can and should take steps themselves to limit the risks of accidents happening and to minimise the consequences of any accidents.

Whilst Hunter's accident was completely out of the ordinary Lawrence Tomlinson has his own experience of flight at Oulton Park in a Ginetta G20 and he has done his best to make sure that everybody learns from the mistakes of others.

Whilst the following are not directly related to these accidents there are points which Ginetta Cars Ltd feel should be borne in mind when Ginetta Cars are used.

- 1 All racing cars require regular inspection and mechanical checks to make sure that everything is as it should be. If you are in any doubt there are normally Ginetta staff at the circuit that will be happy to inform and advise as best they can on any problems you experience.
- 2 All drivers should be fully familiar with the use and proper operation of their seat harnesses. They are fitted and required for reasons of safety and their proper operation should be second nature to a driver before he or she goes out on circuit. The harness should be properly secured to hold the driver in the seat and all points connected. Whilst we cannot offer training in evacuation from a burning car whilst it is upside down drivers have to be aware that they may need to get out quick and should prepare for this.



- 3 Fire is an ever present risk and so caution should be taken when fuelling cars. Hot metal can ignite fuel and precautions should be taken to ensure that cars are not overfilled with fuel.
- 4 A closed visor does help prevent burns to the face. The element of choice available to drivers is something they can decide upon when open face helmets are permitted but I lost eyebrows when my Dodge Viper caught fire and I was wearing a partial visor. Never again was my decision.
- 5 Check to ensure that safety pins from internal fire extinguishers are removed when the car goes on circuit. The pin provides security against accidental discharge when the car is being worked on and in the paddock. On circuit the extinguisher should be ready for instant activation by driver or marshals. Again drivers should be aware that they might need to activate a fire extinguisher and know what to do before they go out on circuit.
- 6 Tyres are not wholly predictable in the amount of grip which they provide and care should be taken when trying to warm them. Grip can suddenly appear and if this is not expected in circumstances where a driver is weaving an accident can occur.

We are studying the wreckage of Hunter's chassis to see whether there are areas for improvement.

Any lessons which we learn will be passed on as soon as we are able to.

Richard Dean



Ginetta Cars Contacts

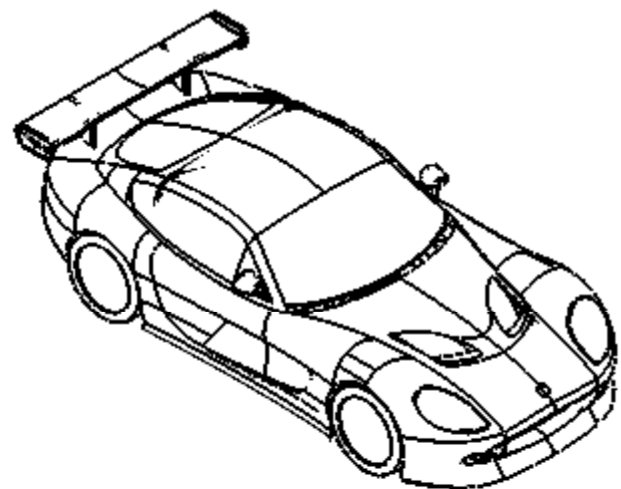
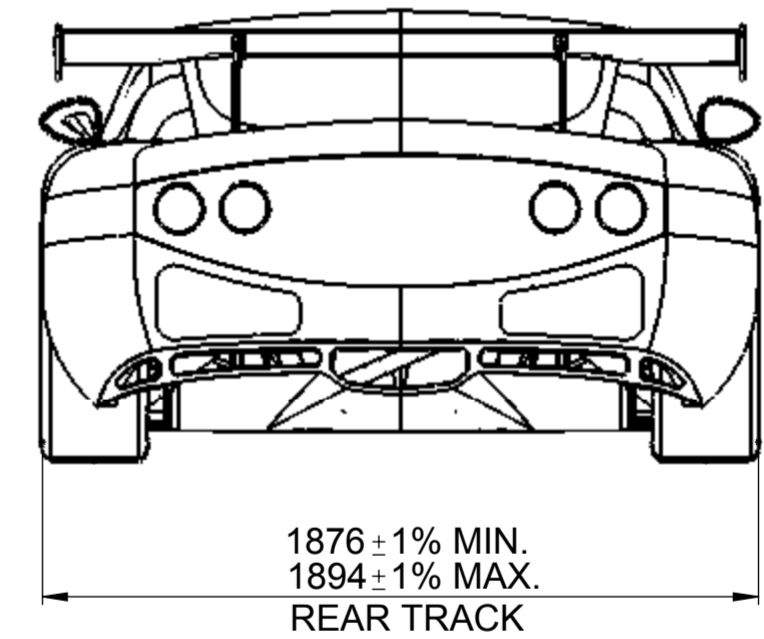
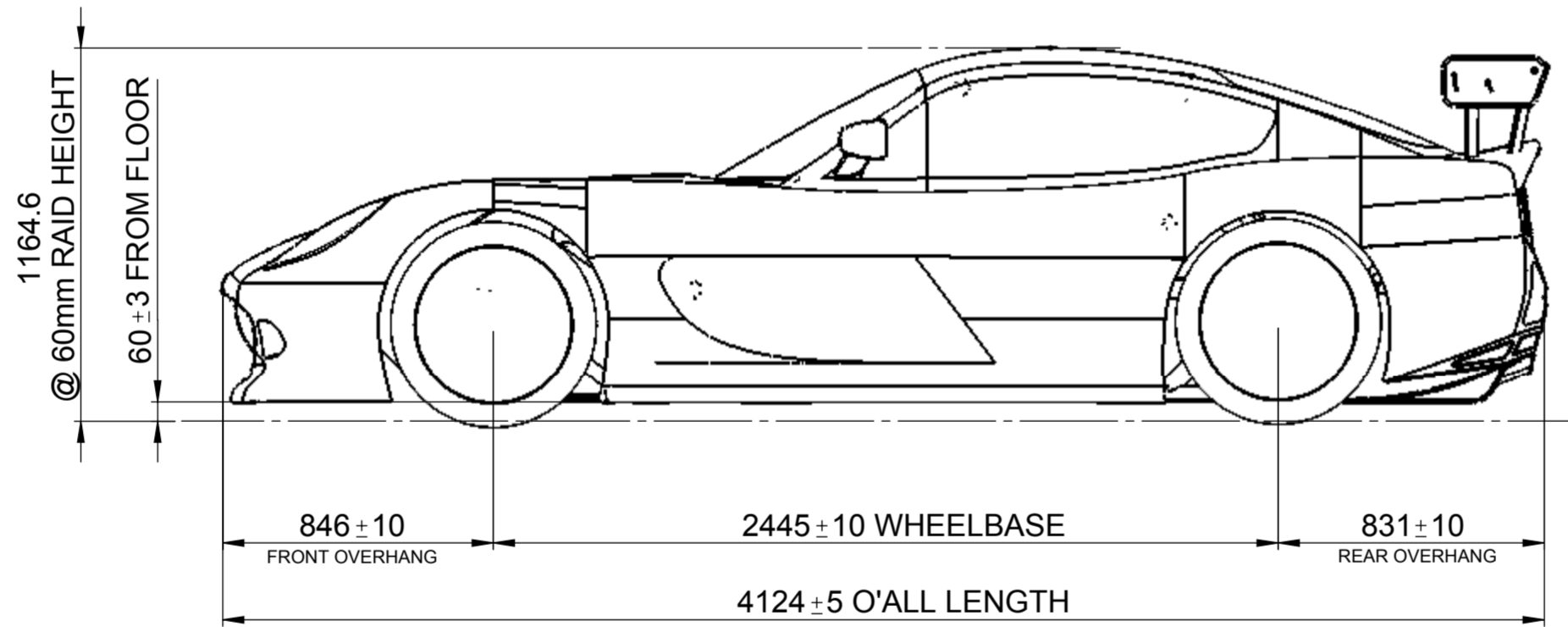
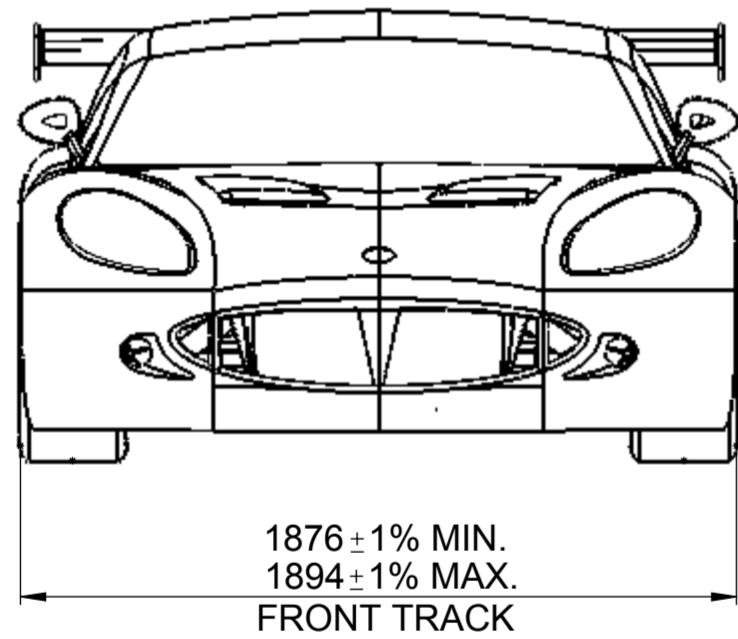
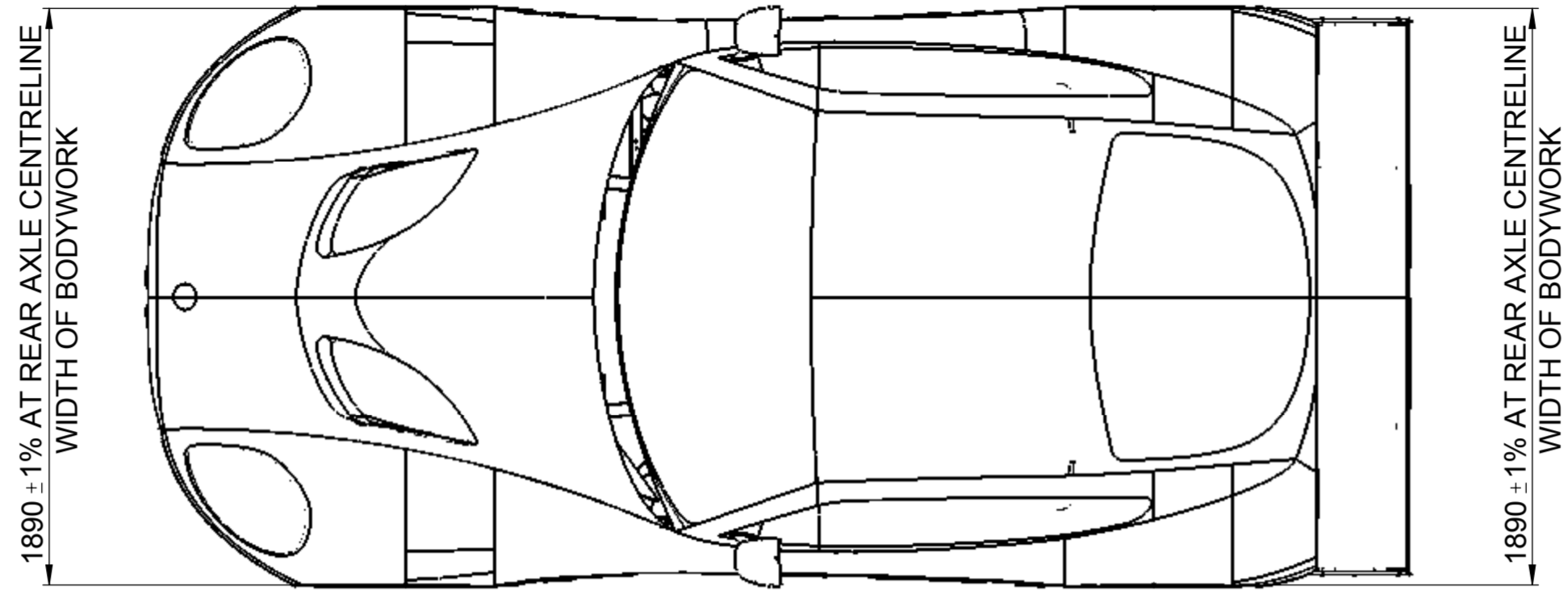
For any queries on the Ginetta G50, or about Ginetta Cars, please use the relative contacts below to help us deal with your queries as smoothly as possible.

- Championship enquires – Stewart Linn– 0113 385 4144172
- Technical enquires – Simon Finnis, Dan Martin, or Marcos Lameirao – 0113 3854148 – 0113 3854167 – 0113 3854170
- Parts and ordering – James Morgan– 0113 3854164 (stores@ginettacars.com)
- General enquires – Julie Harrison – 0113 3854144
- Media enquires – Aimi McNeill – 0113 3853564
- Sales enquiries – Mike Simpson- 0113 3854171
- Design enquires – Marcos Lameirao, Dan Martin – 0113 3854170 – 0113 3854167

Alternatively Ginetta Cars can be reached by the following;

- Ginetta Main Line – 08452 105050
- By Fax – 0113 3854141
- E- mail – enquires@ginettacars.com

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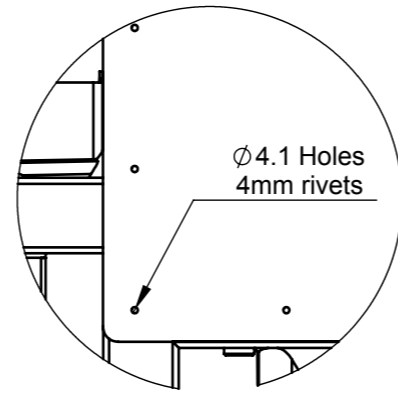
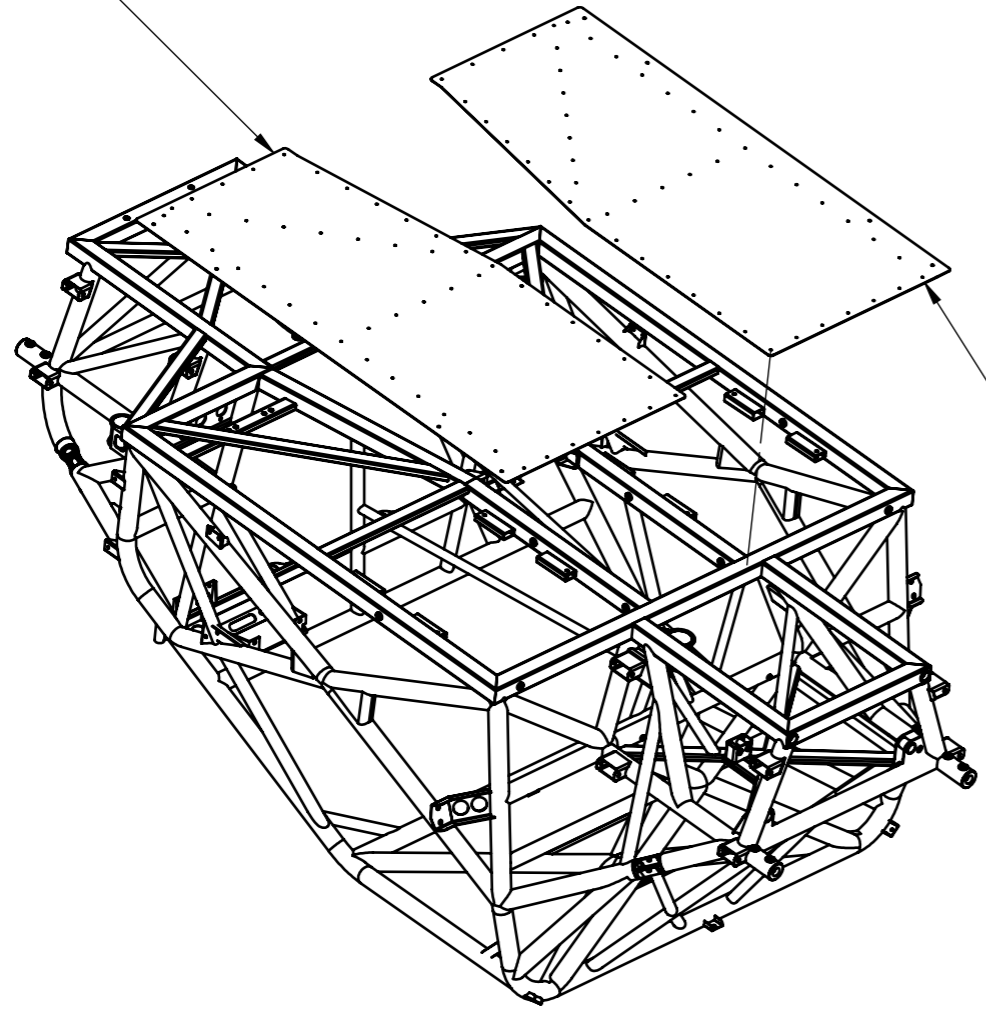


WEIGHT(g)	MATERIAL	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN CTB	DESCRIPTION OVERALL DIMENSIONS SCHEMATIC		QUANTITY PER CAR: 1
DATE 4/2/2008	APPROVED ML	SCALE 1:20 A2 SHEET 1 OF 1	DRG. NO. X0019 REV.



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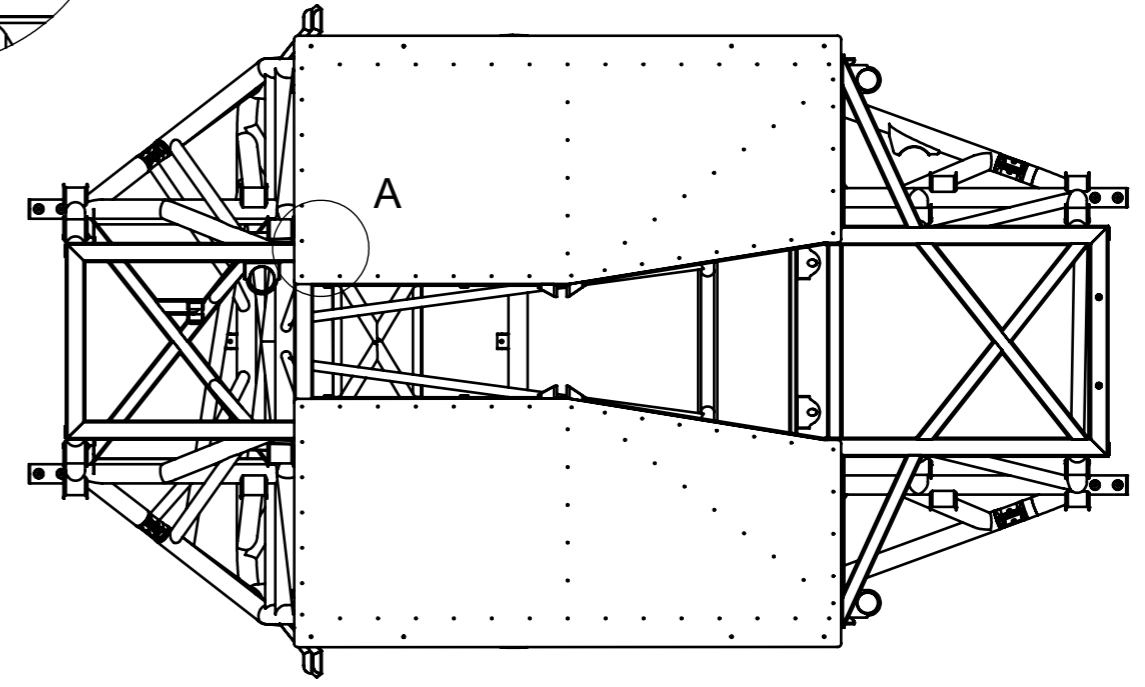
Bonded with Sikaflex before riveting



DETAIL A
SCALE 1 : 5

Ø4.1 Holes
4mm rivets

Bonded with Sikaflex before riveting

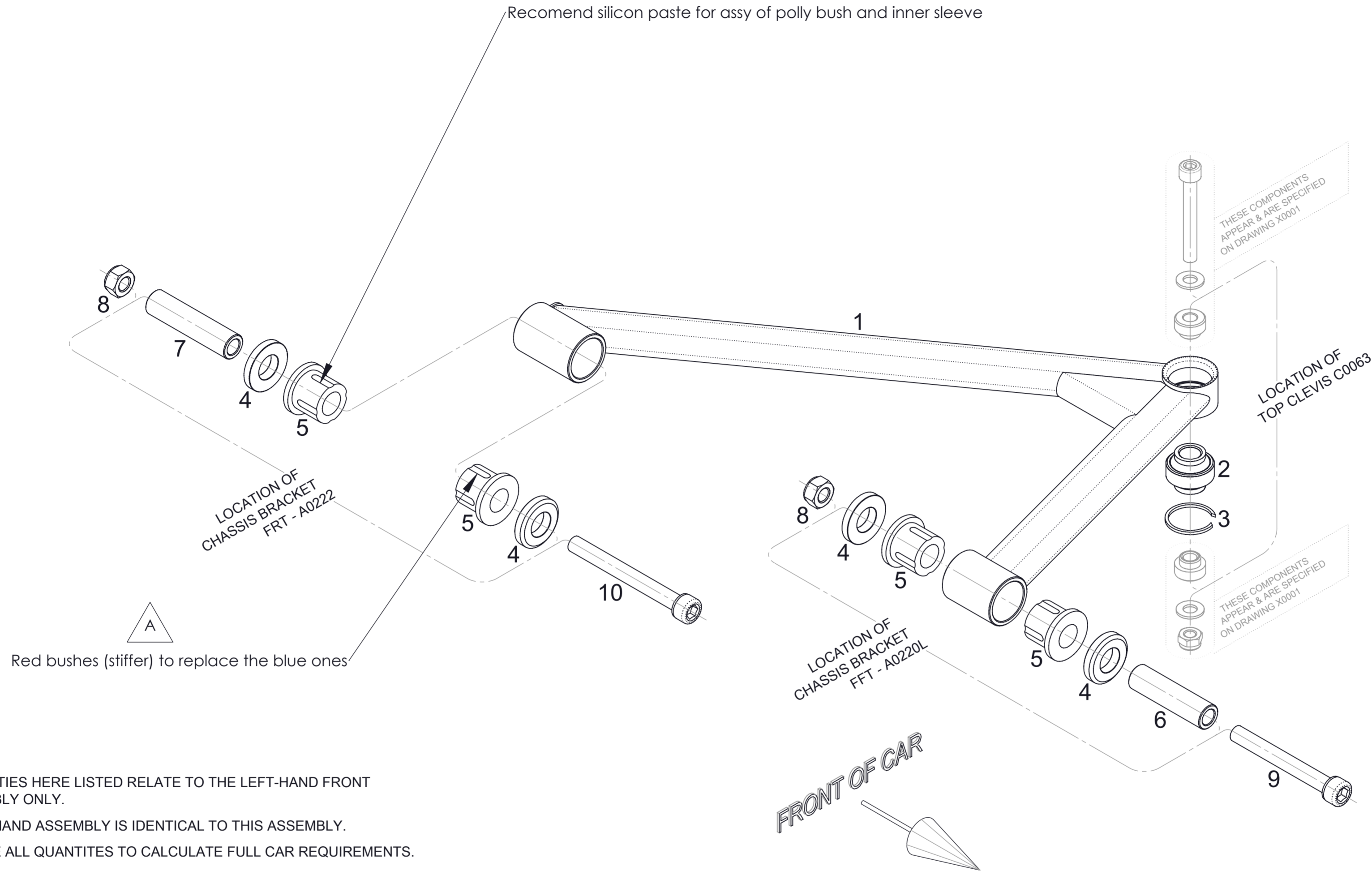


Ref.	Part	Description	Qty.	Grade
1	A0100	Chassis	1	A
2	A0239	Floor Panel	2	A

WEIGHT(g)		MATERIAL N/A		COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°		FINISH N/A <small>REMOVE ALL BURRS AND SHARP EDGES</small>		PROJECTION <small>THIRD ANGLE</small> 	
DRAWN ML		DESCRIPTION X0040 Floor Panels		QUANTITY PER CAR: N/A	
DATE 17/04/2008					
APPROVED ML		SCALE N/A	A3		
				REV.	

Ginetta Cars, Unit 2, Helios 47, 1 Isabella Road, Garforth, West Yorkshire, England LS25 2DY.
Tel: 44 (0)1909 515 116 Fax: 44 (0)1909 515 699 www.Ginettacars.com

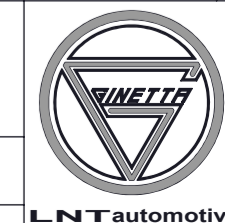
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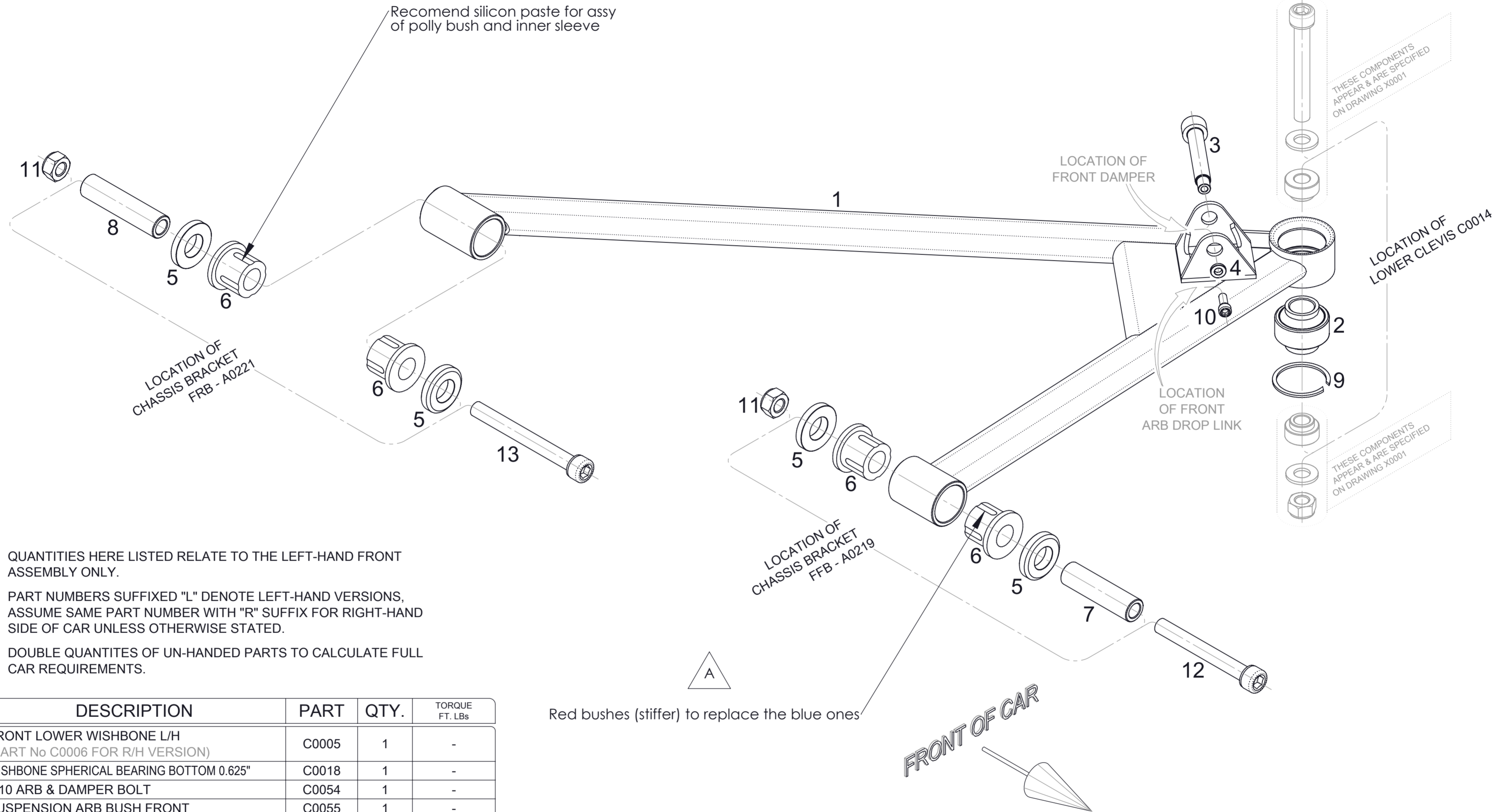
QUANTITIES HERE LISTED RELATE TO THE LEFT-HAND FRONT ASSEMBLY ONLY.
 RIGHT-HAND ASSEMBLY IS IDENTICAL TO THIS ASSEMBLY.
 DOUBLE ALL QUANTITIES TO CALCULATE FULL CAR REQUIREMENTS.

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
1	A	FRONT UPPER WISHBONE	C0004	1	-
2	A	WISHBONE SPHERICAL BEARING TOP 0.5"	C0017	1	-
3	A	UPPER WISHBONE RETAINING RING	C0033	1	-
4	A	SUSPENSION NYLON BUSH	C0059	4	-
5	A	STIFFER SUSPENSION BUSHES	C0102	4	-
6	A	WISHBONE INNER SLEEVE BUSH SHORT	C0071	1	-
7	A	WISHBONE INNER SLEEVE BUSH LONG	C0072	1	-
8	C	M10 NYLOC NUT	-	2	45 TO 50
9	C	M10 x 80mm SOCKET CAP HEAD BOLT	-	1	
10	C	M10 x 90mm SOCKET CAP HEAD BOLT	-	1	

MATERIAL	N/A	WEIGHT(g)		COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE:	UNLESS STATED	THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	DATE	3/1/08	L/H FRONT UPPER WISHBONE EXPLODED ASSEMBLY	2
REMOVE ALL BURRS AND SHARP EDGES		LINEAR	±0.1mm	PROJECTION	APPROVED	ML	SCALE	REV. A
		ANGULAR	±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES			N/A	
							A2	
							SHEET 1 OF 1	
							DRG. NO.	
							X0002	



REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	FROM BLUE TO RED BUSHES ON ITEM 6	ML	ML	19/01/2010



QUANTITIES HERE LISTED RELATE TO THE LEFT-HAND FRONT ASSEMBLY ONLY.

PART NUMBERS SUFFIXED "L" DENOTE LEFT-HAND VERSIONS, ASSUME SAME PART NUMBER WITH "R" SUFFIX FOR RIGHT-HAND SIDE OF CAR UNLESS OTHERWISE STATED.

DOUBLE QUANTITIES OF UN-HANDED PARTS TO CALCULATE FULL CAR REQUIREMENTS.

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
1	A	FRONT LOWER WISHBONE L/H (PART No C0006 FOR R/H VERSION)	C0005	1	-
2	A	WISHBONE SPHERICAL BEARING BOTTOM 0.625"	C0018	1	-
3	A	M10 ARB & DAMPER BOLT	C0054	1	-
4	A	SUSPENSION ARB BUSH FRONT	C0055	1	-
5	A	SUSPENSION NYLON BUSH	C0059	4	-
6	A	STIFFER SUSPENSION BUSHES	C0102	4	-
7	A	WISHBONE INNER SLEEVE BUSH SHORT	C0071	1	-
8	A	WISHBONE INNER SLEEVE BUSH LONG	C0072	1	-
9	C	LOWER WISHBONE RETAINING RING	C0076	1	-
10	C	M5 x 13mm SOCKET CAP HEAD BOLT	-	1	-
11	C	M10 NYLOC NUT	-	2	45 TO 50
12	C	M10 x 80mm SOCKET CAP HEAD BOLT	-	1	
13	C	M10 x 90mm SOCKET CAP HEAD BOLT	-	1	

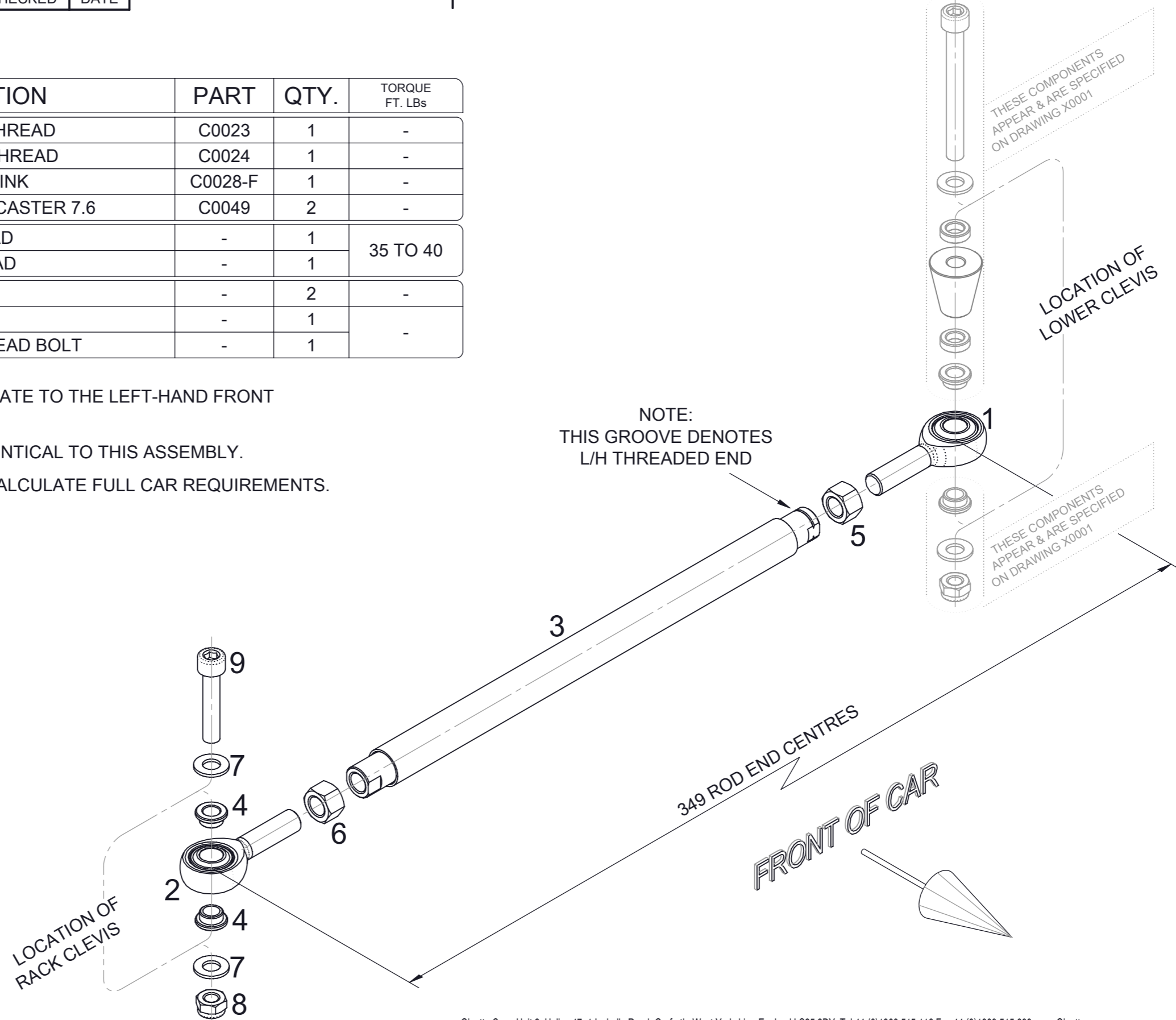
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FINISH	N/A	TOLERANCE:	UNLESS STATED	THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	DATE	9/1/08	L/H FRONT LOWER WISHBONE EXPLODED ASSEMBLY	1 PAIR
REMOVE ALL BURRS AND SHARP EDGES		LINEAR	±0.1mm	PROJECTION	APPROVED	ML	SCALE	N/A
		ANGULAR	±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES			A2	REV. A
							SHEET 1 OF 1	
							DRG. NO.	X0003



REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

	REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
FRONT SUSPENSION	1	C	7/16" MALE ROD END L/H THREAD	C0023	1	-
	2	C	7/16" MALE ROD END R/H THREAD	C0024	1	-
	3	A	FABRICATED FRONT TOE LINK	C0028-F	1	-
	4	A	TRACK LINK BUSH FRONT CASTER 7.6	C0049	2	-
7/16"	5	C	7/16" PLAIN NUT L/H THREAD	-	1	35 TO 40
	6	C	7/16" PLAIN NUT R/H THREAD	-	1	
M8	7	C	M8 PLAIN WASHER	-	2	-
	8	C	M8 NYLOC NUT	-	1	-
	9	C	M8 x 45mm SOCKET CAP HEAD BOLT	-	1	-

QUANTITIES HERE LISTED RELATE TO THE LEFT-HAND FRONT ASSEMBLY ONLY.
 RIGHT-HAND ASSEMBLY IS IDENTICAL TO THIS ASSEMBLY.
 DOUBLE ALL QUANTITIES TO CALCULATE FULL CAR REQUIREMENTS.

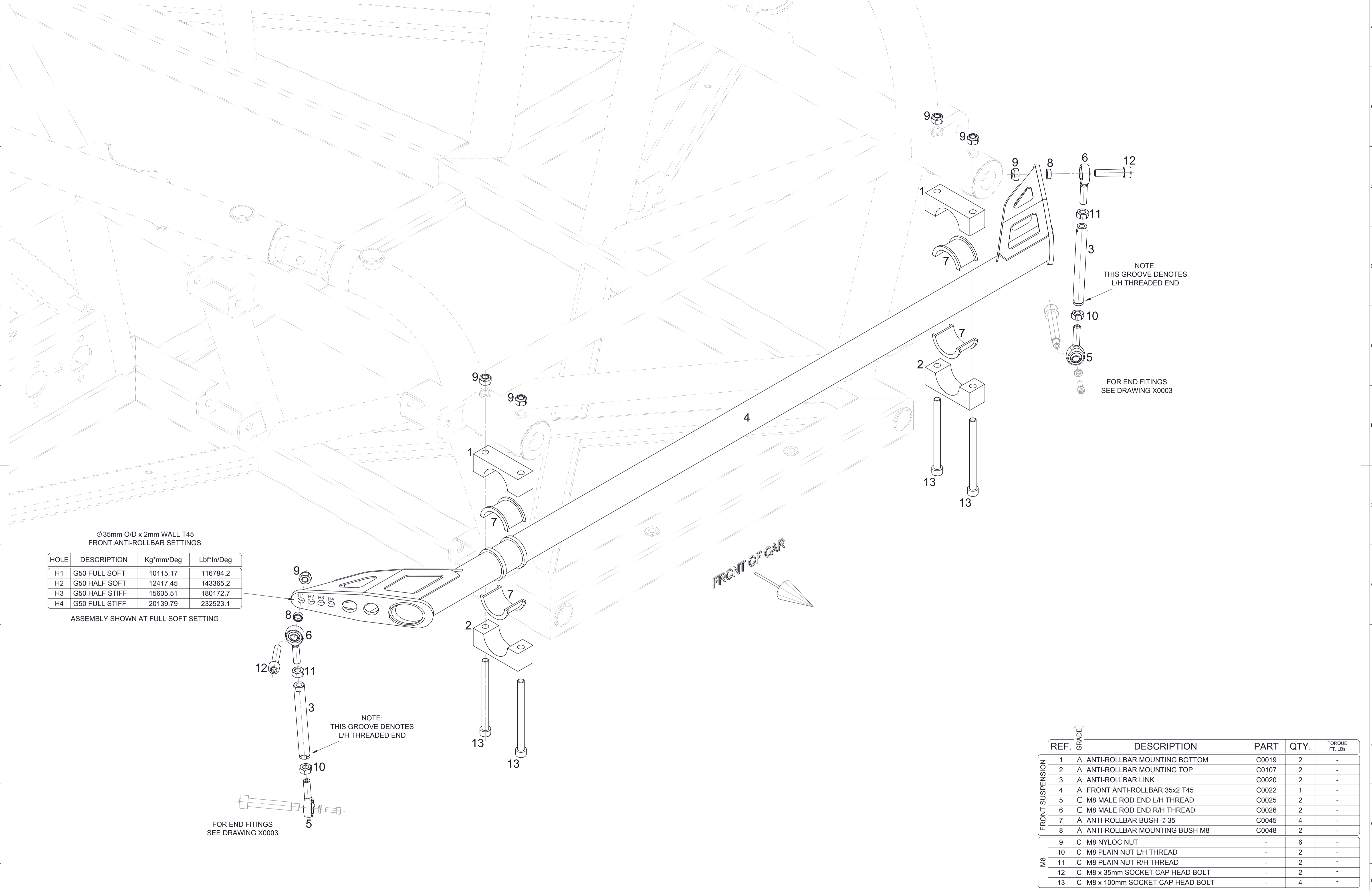


Ginetta Cars, Unit 2, Helios 47, 1 Isabella Road, Garforth, West Yorkshire, England LS25 2DY. Tel:44 (0)1909 515 116 Fax:44 (0)1909 515 699 www.Ginettacars.com

MATERIAL	N/A	WEIGHT(g)	COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE: UNLESS STATED	PROJECTION	DATE	5/1/08	L/H FRONT TOE LINK EXPLODED ASSEMBLY	2
REMOVE ALL BURRS AND SHARP EDGES		LINEAR ±0.1mm ANGULAR ±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	APPROVED	ML	SCALE N/A A3 SHEET 1 OF 1 DRG. NO. X0004	REV.



LNT automotive



Ø35mm O/D x 2mm WALL T45
 FRONT ANTI-ROLLBAR SETTINGS

HOLE	DESCRIPTION	Kg*mm/Deg	Lb*In/Deg
H1	G50 FULL SOFT	10115.17	116784.2
H2	G50 HALF SOFT	12417.45	143365.2
H3	G50 HALF STIFF	15605.51	180172.7
H4	G50 FULL STIFF	20139.79	232523.1

ASSEMBLY SHOWN AT FULL SOFT SETTING

NOTE:
 THIS GROOVE DENOTES
 L/H THREADED END

FOR END FITTINGS
 SEE DRAWING X0003

NOTE:
 THIS GROOVE DENOTES
 L/H THREADED END

FOR END FITTINGS
 SEE DRAWING X0003

FRONT OF CAR

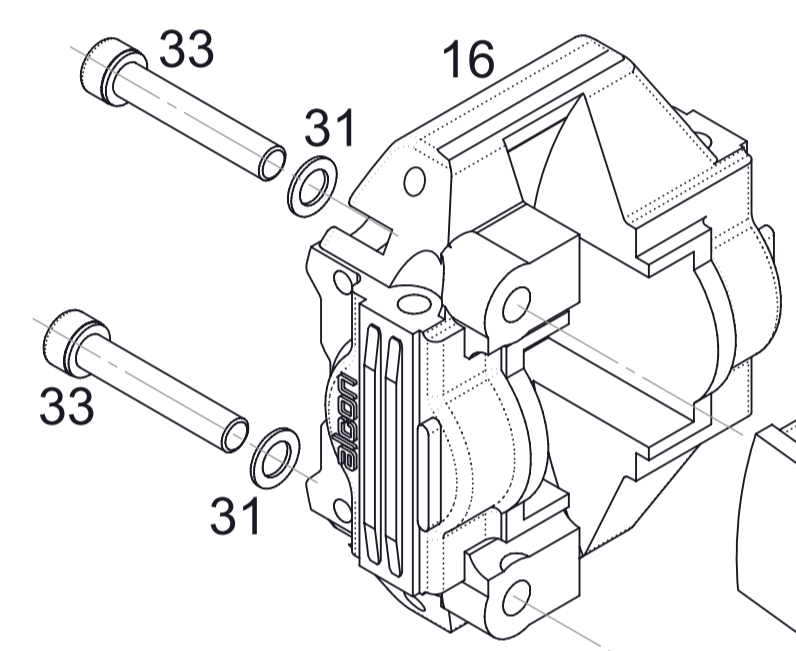
REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE	
					FT. LBs	
FRONT SUSPENSION	1	A ANTI-ROLLBAR MOUNTING BOTTOM	C0019	2	-	
	2	A ANTI-ROLLBAR MOUNTING TOP	C0107	2	-	
	3	A ANTI-ROLLBAR LINK	C0020	2	-	
	4	A FRONT ANTI-ROLLBAR 35x2 T45	C0022	1	-	
	5	C M8 MALE ROD END L/H THREAD	C0025	2	-	
	6	C M8 MALE ROD END R/H THREAD	C0026	2	-	
	7	A ANTI-ROLLBAR BUSH Ø35	C0045	4	-	
	8	A ANTI-ROLLBAR MOUNTING BUSH M8	C0048	2	-	
	M8	9	C M8 NYLOC NUT	-	6	-
		10	C M8 PLAIN NUT L/H THREAD	-	2	-
		11	C M8 PLAIN NUT R/H THREAD	-	2	-
		12	C M8 x 35mm SOCKET CAP HEAD BOLT	-	2	-
		13	C M8 x 100mm SOCKET CAP HEAD BOLT	-	4	-



Loctite 243 on items 26 and 34

C0011 - 2mm
C0012 - 3mm
C0013 - 5mm

LOCATION OF WISHBONE SPHERICAL BEARING TOP - C0017

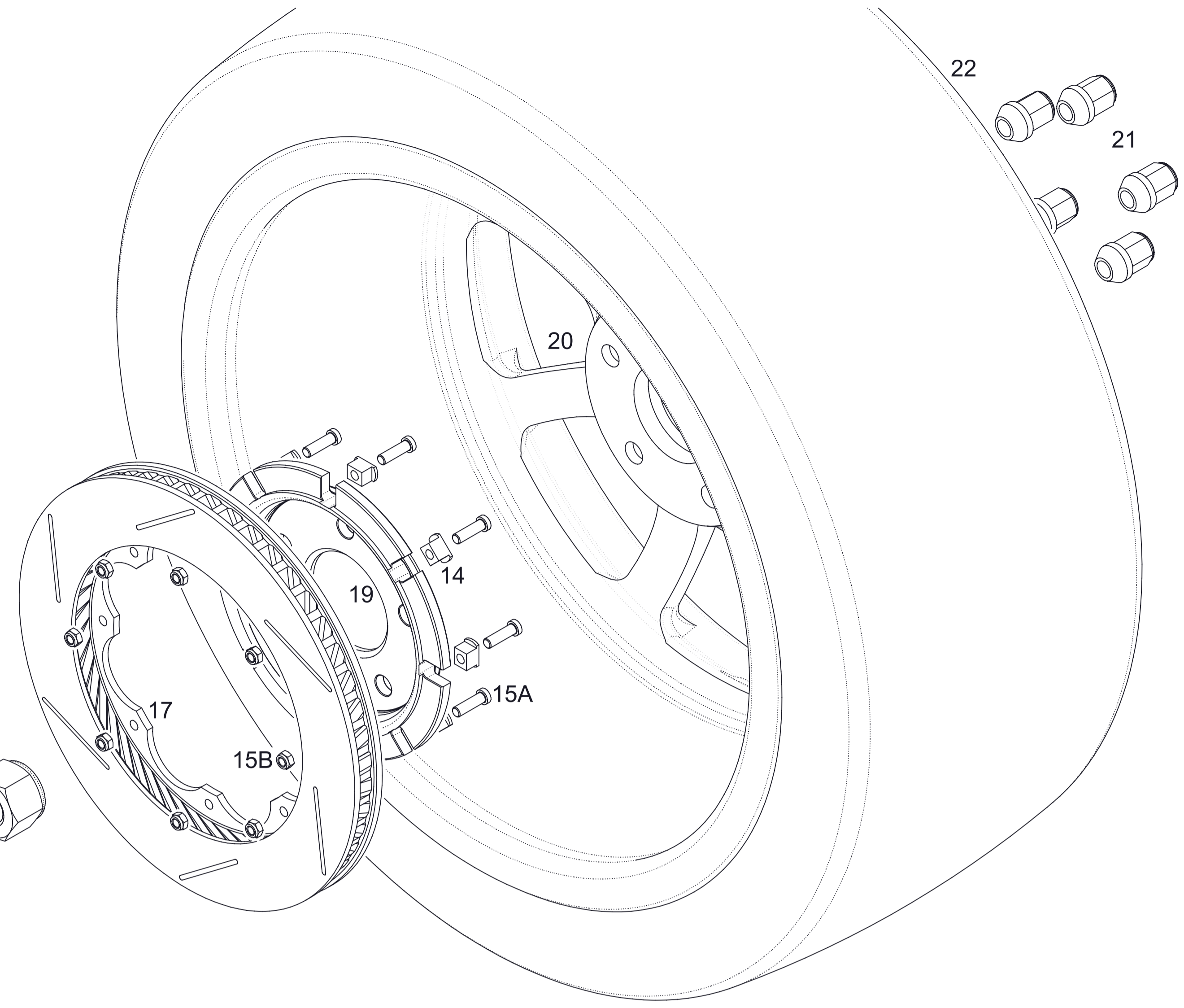


LOCATION OF 7/16" MALE ROD END - C0023

LOCATION OF M8 MALE ROD END - C0025

LOCATION OF WISHBONE SPHERICAL BEARING BOTTOM - C0018

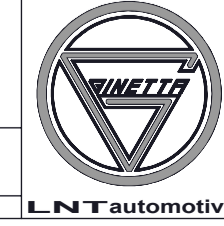
FRONT OF CAR



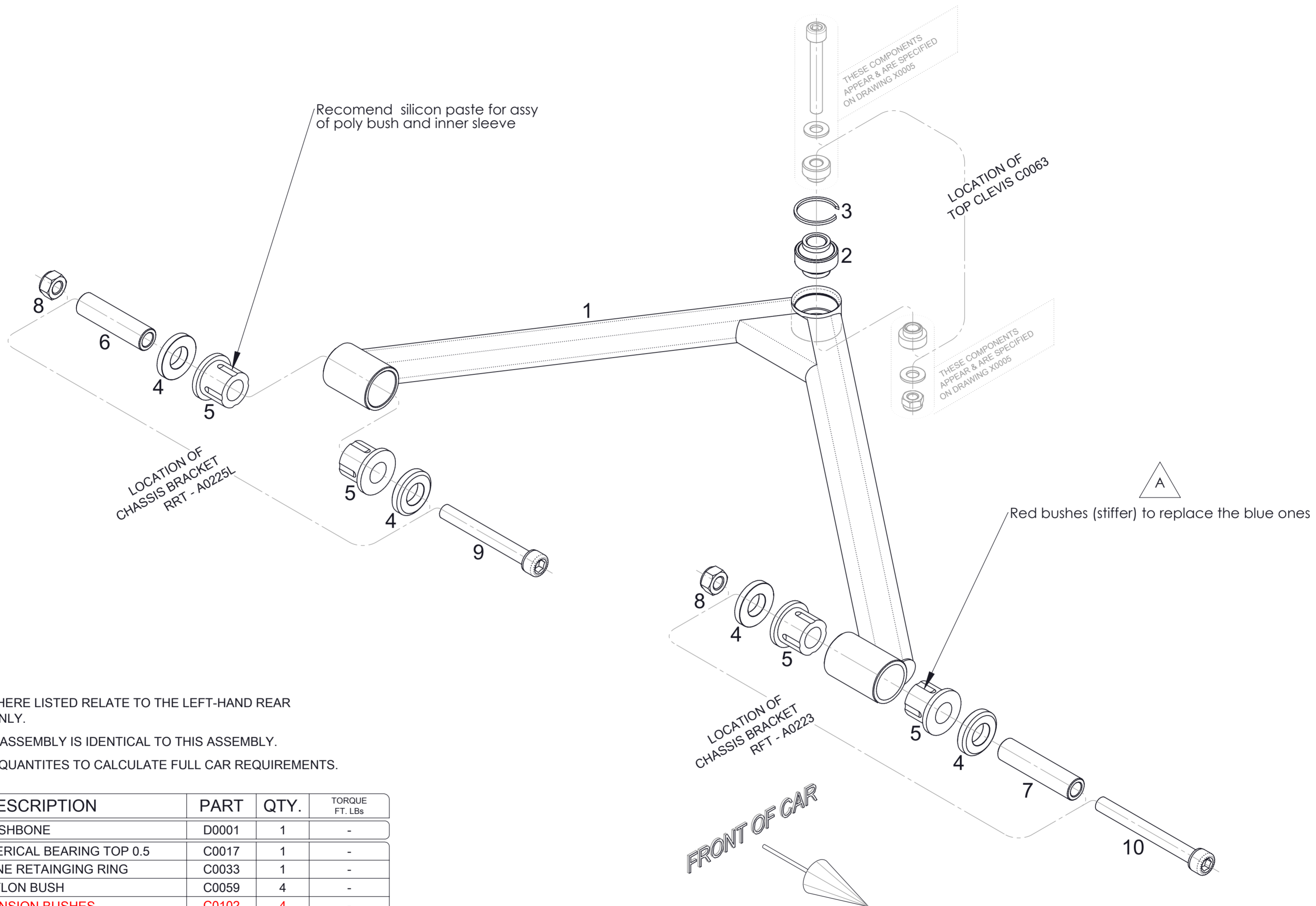
QUANTITIES HERE LISTED RELATE TO THE LEFT-HAND REAR ASSEMBLY ONLY.
PART NUMBERS SUFFIXED "L" DENOTE LEFT-HAND VERSIONS, ASSUME SAME PART NUMBER WITH "R" SUFFIX FOR RIGHT-HAND SIDE OF CAR UNLESS OTHERWISE STATED.
DOUBLE QUANTITIES OF UN-HANDED PARTS TO CALCULATE FULL CAR REQUIREMENTS.

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
1	A	BEARING PACK	C0001	1	-
2	A	UPRIGHT	C0002	1	-
3	A	CAMBER SHIMS	-	-	-
4	-	-	-	-	-
5	A	ANTI-ROLLBAR MOUNTING BUSH M8	C0048	1	-
6	A	TOP PICK-UP BUSH	C0052-A	2	-
7	A	SUSPENSION BOTTOM CLEVIS BUSH	C0053	2	-
8	A	TOP CLEVIS	C0063	1	-
9	A	DOWEL REAR LOWER CLEVIS	D0003-A	6	-
10	A	REAR LOWER CLEVIS L/H (PART NUMBER D0006-A FOR R/H VERSION)	D0007-A	1	-
11	A	TRACK LINK BUSH REAR	D0013	2	-
12	A	REAR DAMPER BUSH	D0014	1	-
13	A	DIFF. C.V. JOINT OUTER	G0006	1	-

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
14	A	FLOATING DISC BOBBIN	I0004	8	-
15A	A	DISC BELL 0.25" SOCKET CAP HEAD BOLT WITH SHORTENED HEAD	-	8	-
15B	A	DISC BEL 0.25" ALL METAL LOCK-NUT	-	8	-
16	A	REAR CALLIPER L/H	I0006L	1	-
17	A	REAR DISC L/H	I0007L	1	-
18	A	REAR BRAKE PAD	I0008	1 PAIR	-
19	A	REAR DISC BELL	I0010	1	-
20	A	245mm x ϕ 18" x 35 ET WHEEL	J0001	1	-
21	A	WHEEL NUT	J0002	5	55 TO 60
22	A	240mm x ϕ 640mm x ϕ 18" TYRE	K0001	1	-
23	C	M8 PLAIN WASHER	-	8	-
24	C	M8 THIN AN WASHER	-	1	-
25	C	M8 NYLOC NUT	-	4	-
26	C	M8 x 25mm SOCKET CAP HEAD BOLT	-	5	15 TO 20
27	C	M8 x 35mm SOCKET CAP HEAD BOLT	-	1	-
28	C	M8 x 60mm SOCKET CAP HEAD BOLT	-	3	50 TO 55
29	C	M8 x 80mm SOCKET CAP HEAD BOLT	-	1	35 TO 40
30	C	M10 PLAIN WASHER	-	6	-
31	C	M10 THIN AN WASHER	-	2	-
32	C	M10 NYLOC NUT	-	1	-
33	C	M10 x 55mm SOCKET CAP HEAD BOLT	-	2	25
34	C	M10 x 65mm SOCKET CAP HEAD BOLT	-	5	55
35	C	M10 x 80mm SOCKET CAP HEAD BOLT	-	1	60 TO 70
M24	43	M24 LOCK-NUT	-	1	180



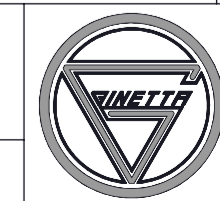
REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	FROM BLUE TO RED BUSHES ON ITEM 5	ML	ML	19/01/2010



QUANTITIES HERE LISTED RELATE TO THE LEFT-HAND REAR ASSEMBLY ONLY.
 RIGHT-HAND ASSEMBLY IS IDENTICAL TO THIS ASSEMBLY.
 DOUBLE ALL QUANTITIES TO CALCULATE FULL CAR REQUIREMENTS.

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
1	A	REAR UPPER WISHBONE	D0001	1	-
2	A	WISHBONE SPHERICAL BEARING TOP 0.5	C0017	1	-
3	C	UPPER WISHBONE RETAINING RING	C0033	1	-
4	A	SUSPENSION NYLON BUSH	C0059	4	-
5	A	STIFFER SUSPENSION BUSHES	C0102	4	-
6	A	WISHBONE INNER SLEEVE BUSH SHORT	C0071	1	-
7	A	WISHBONE INNER SLEEVE BUSH LONG	C0072	1	-
8	C	M10 NYLOC NUT	-	2	45 TO 50
9	C	M10 x 80mm CAP HEAD BOLT	-	1	
10	C	M10 x 90mm CAP HEAD BOLT	-	1	

MATERIAL	N/A	WEIGHT(g)		COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE:	UNLESS STATED	THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	DATE	3/1/08	L/H REAR UPPER WISHBONE EXPLODED ASSEMBLY	2
REMOVE ALL BURRS AND SHARP EDGES		LINEAR	±0.1mm	PROJECTION	APPROVED	ML	SCALE	REV. A
		ANGULAR	±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES			N/A	
							A2	
							SHEET 1 OF 1	
							DRG. NO.	
							X0006	



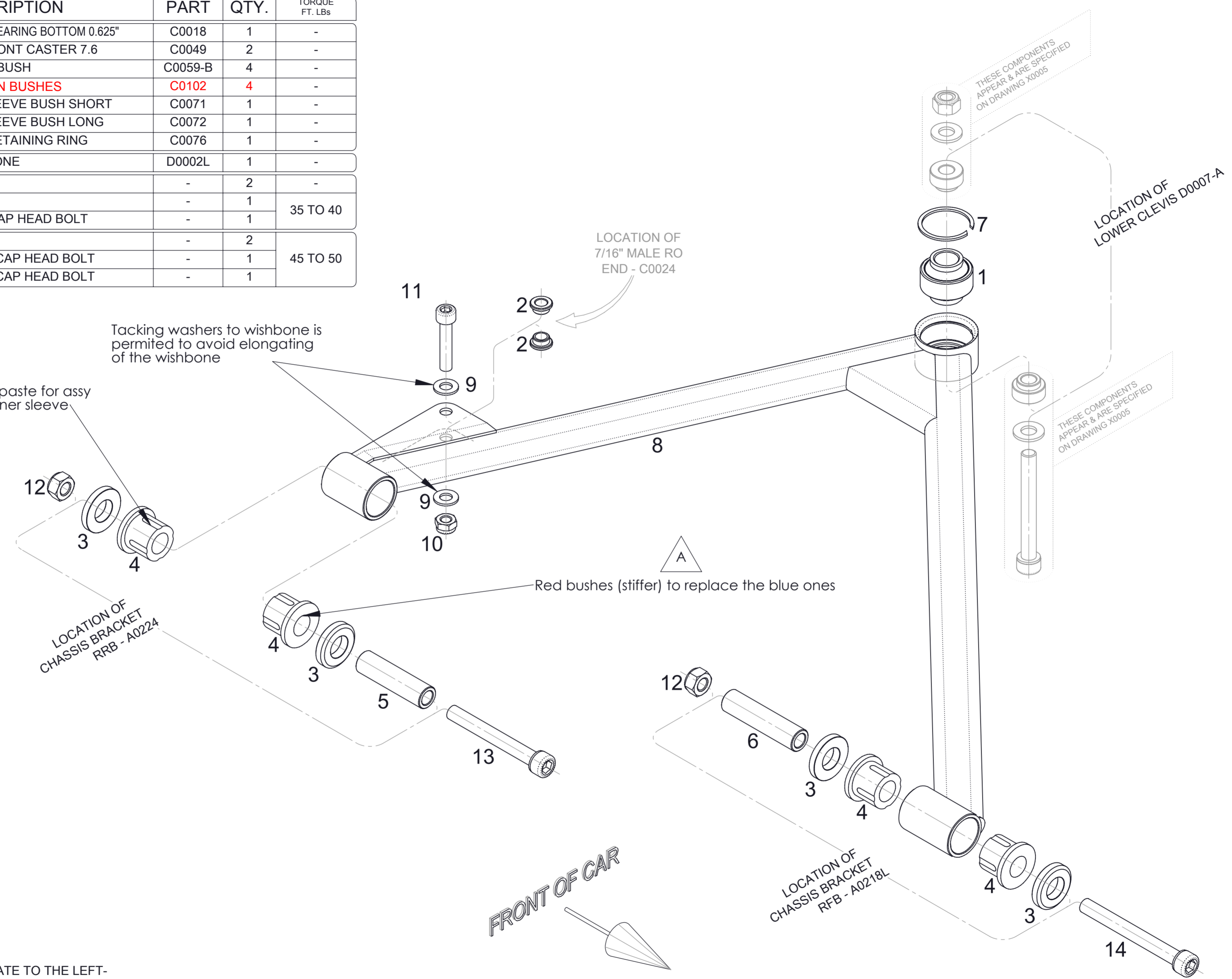
REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	FROM BLUE TO RED BUSHES ON ITEM 4	ML	ML	19/01/2010

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
1	A	WISHBONE SPHERICAL BEARING BOTTOM 0.625"	C0018	1	-
2	A	TRACK LINK BUSH FRONT CASTER 7.6	C0049	2	-
3	A	SUSPENSION NYLON BUSH	C0059-B	4	-
4	A	STIFFER SUSPENSION BUSHES	C0102	4	-
5	A	WISHBONE INNER SLEEVE BUSH SHORT	C0071	1	-
6	A	WISHBONE INNER SLEEVE BUSH LONG	C0072	1	-
7	C	LOWER WISHBONE RETAINING RING	C0076	1	-
FRONT SUSPENSION					
8	B	REAR LOWER WISHBONE	D0002L	1	-
REAR SUSP.					
9	C	M8 PLAIN WASHER	-	2	-
10	C	M8 NYLOC NUT	-	1	35 TO 40
11	C	M8 x 40mm SOCKET CAP HEAD BOLT	-	1	
M8					
12	C	M10 NYLOC NUT	-	2	45 TO 50
13	C	M10 x 80mm SOCKET CAP HEAD BOLT	-	1	
14	C	M10 x 90mm SOCKET CAP HEAD BOLT	-	1	
M10					

Recommend silicon paste for assy of poly bush and inner sleeve

Tacking washers to wishbone is permitted to avoid elongating of the wishbone

Red bushes (stiffer) to replace the blue ones



QUANTITIES LISTED IN TABLE (ABOVE) RELATE TO THE LEFT-HAND REAR ASSEMBLY ONLY.

PART NUMBERS SUFFIXED "L" DENOTE LEFT-HAND VERSIONS, ASSUME SAME PART NUMBER WITH "R" SUFFIX FOR RIGHT-HAND SIDE OF CAR UNLESS OTHERWISE STATED.

DOUBLE QUANTITIES OF UN-HANDED PARTS TO CALCULATE FULL CAR REQUIREMENTS.

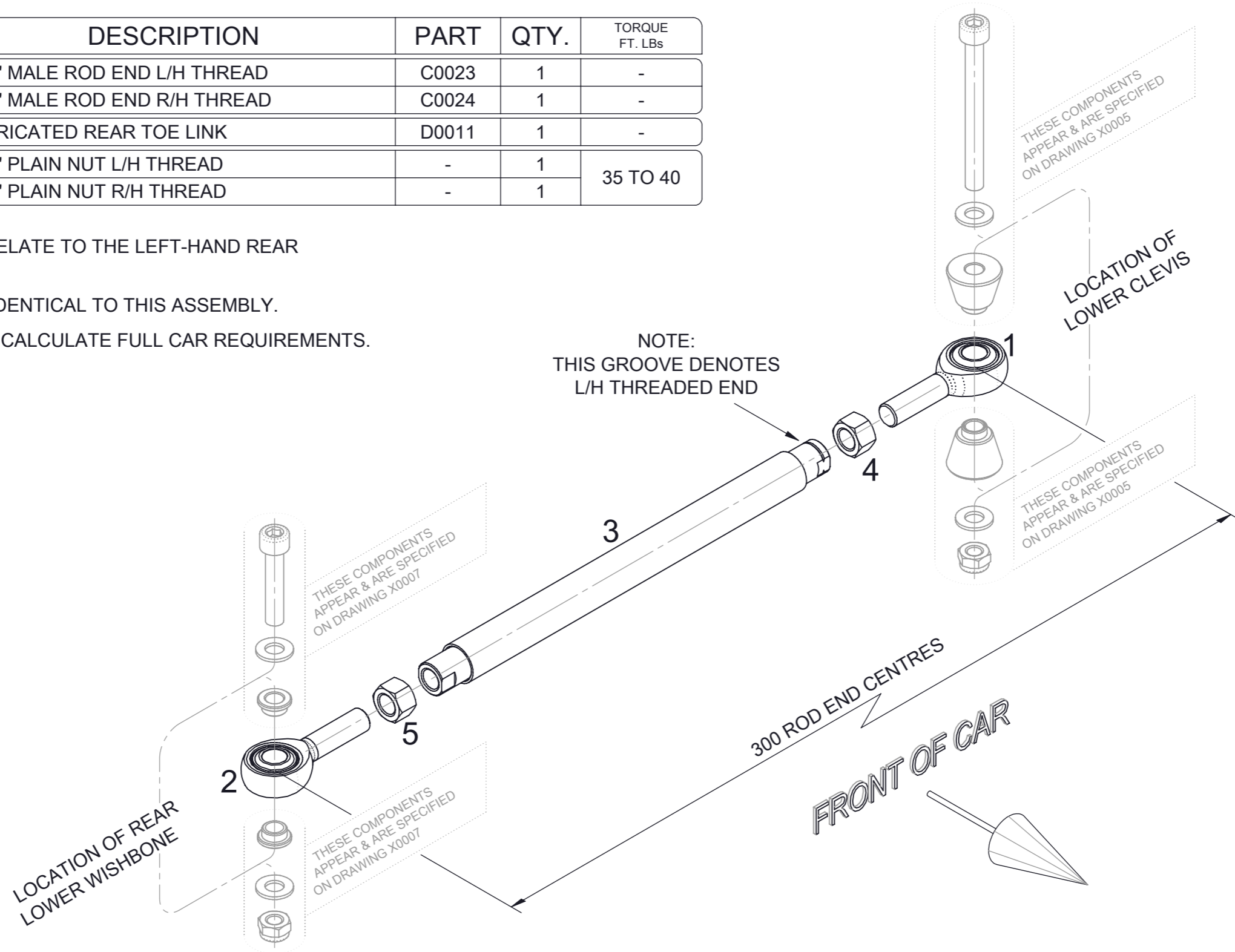
MATERIAL	N/A	WEIGHT(g)		COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE:	UNLESS STATED	THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	DATE	18/1/08	L/H REAR LOWER WISHBONE EXPLODED ASSEMBLY	1 PAIR
REMOVE ALL BURRS AND SHARP EDGES		LINEAR	±0.1mm	PROJECTION	APPROVED	ML	SCALE	REV. A
		ANGULAR	±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES			N/A A2	
							SHEET 1 OF 1	
							DRG. NO.	
							X0007	



1	2	3	4	5	6	7	8
REV.	MODIFICATION	DRAWN	CHECKED	DATE			

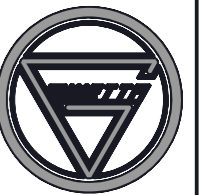
	REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBs
FRONT SUSPENSION	1	C	7/16" MALE ROD END L/H THREAD	C0023	1	-
	2	C	7/16" MALE ROD END R/H THREAD	C0024	1	-
REAR SUSP.	3	A	FABRICATED REAR TOE LINK	D0011	1	-
7/16"	4	C	7/16" PLAIN NUT L/H THREAD	-	1	35 TO 40
	5	C	7/16" PLAIN NUT R/H THREAD	-	1	

QUANTITIES HERE LISTED RELATE TO THE LEFT-HAND REAR ASSEMBLY ONLY.
 RIGHT-HAND ASSEMBLY IS IDENTICAL TO THIS ASSEMBLY.
 DOUBLE ALL QUANTITIES TO CALCULATE FULL CAR REQUIREMENTS.

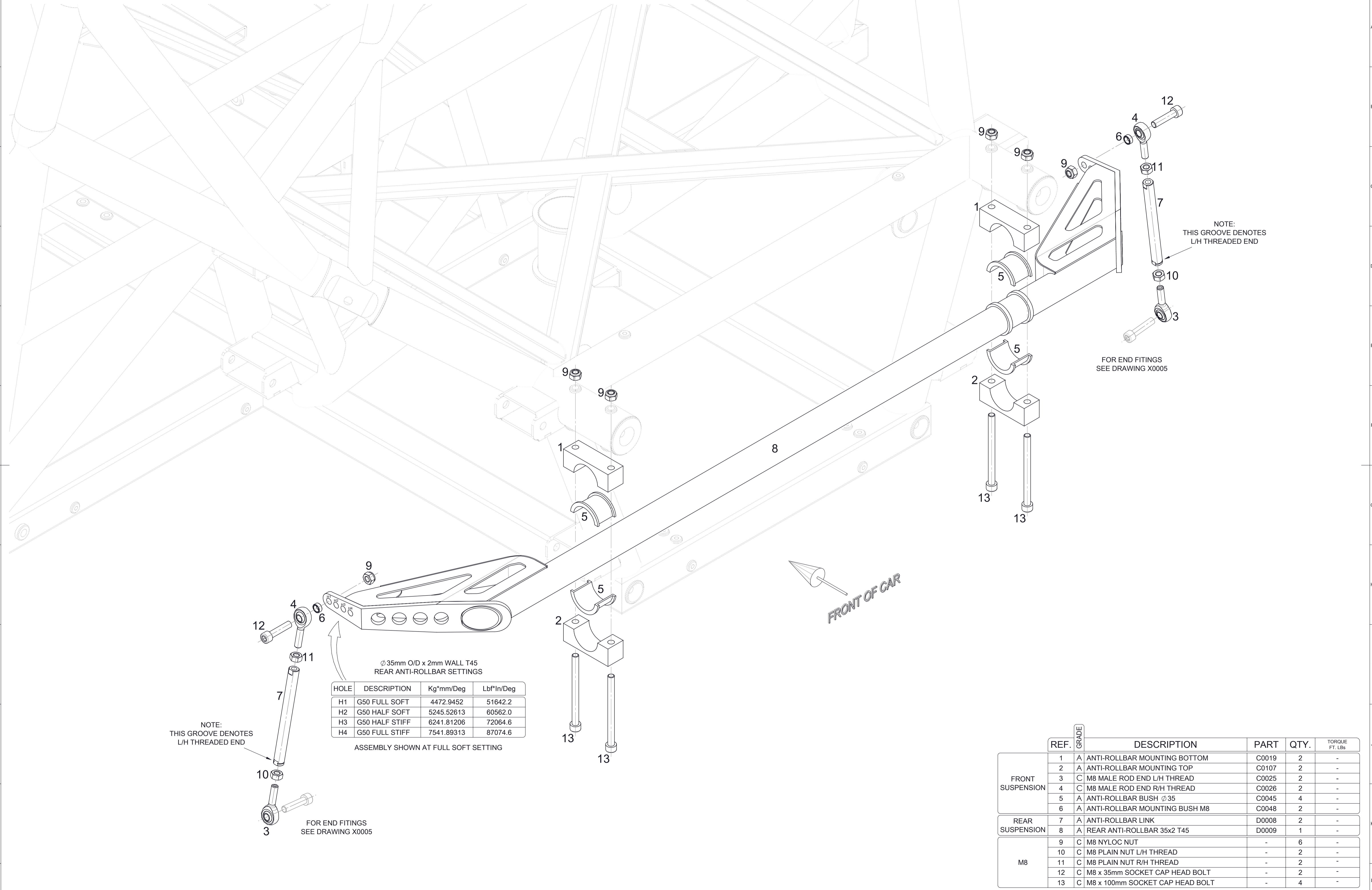


Ginetta Cars, Unit 2, Helios 47, 1 Isabella Road, Garforth, West Yorkshire, England LS25 2DY. Tel:44 (0)1909 515 116 Fax:44 (0)1909 515 699 www.Ginettacars.com

MATERIAL	N/A	WEIGHT(g)	COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE: UNLESS STATED	PROJECTION	DATE	17/1/08	L/H REAR TOE LINK EXPLODED ASSEMBLY	2
REMOVE ALL BURRS AND SHARP EDGES		LINEAR ±0.1mm ANGULAR ±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	APPROVED	ML	SCALE N/A A3 SHEET 1 OF 1 DRG. NO. X0008	REV.



LNT automotive



NOTE:
THIS GROOVE DENOTES
L/H THREADED END

FOR END FITINGS
SEE DRAWING X0005

NOTE:
THIS GROOVE DENOTES
L/H THREADED END

∅ 35mm O/D x 2mm WALL T45
REAR ANTI-ROLLBAR SETTINGS

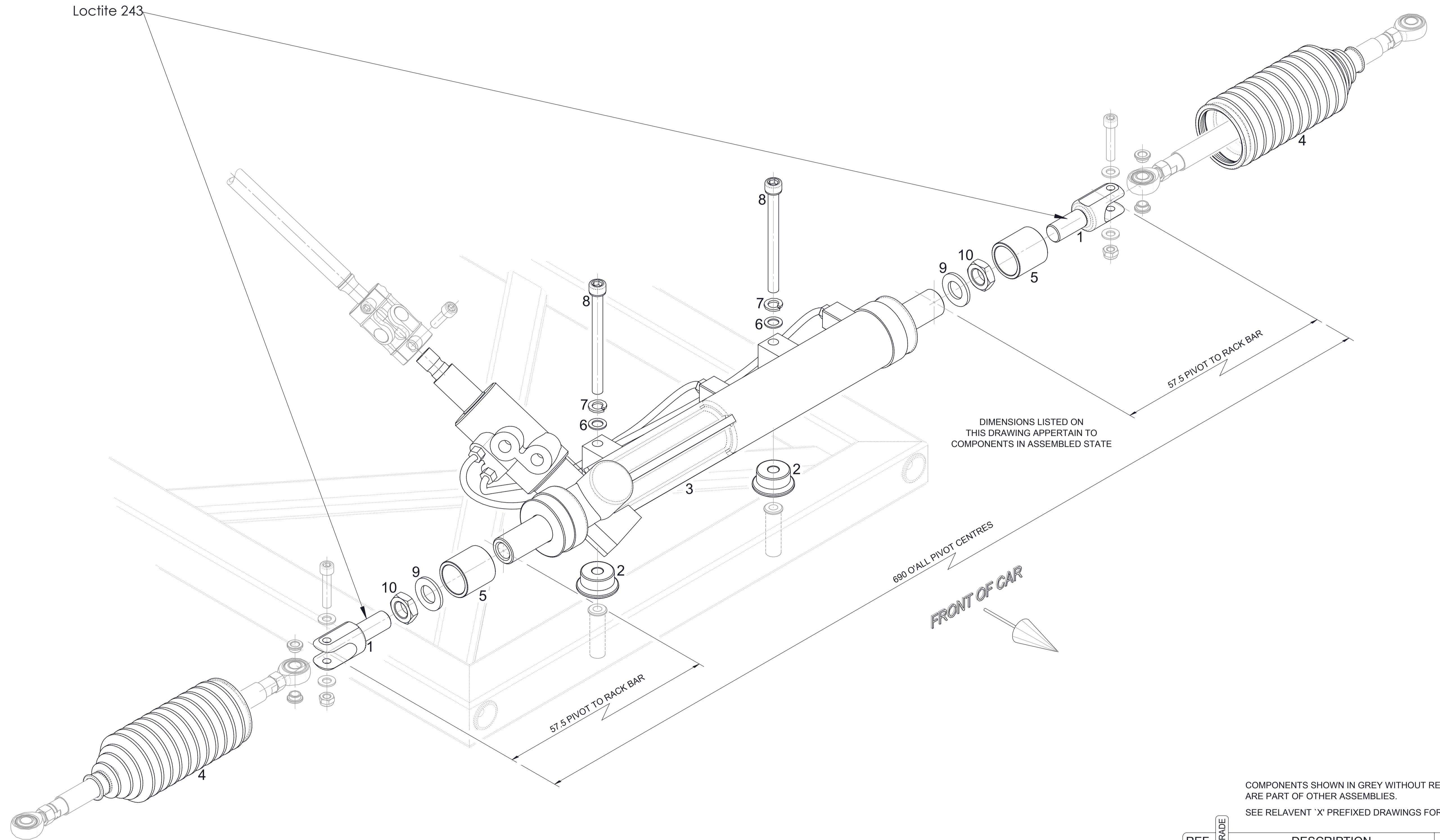
HOLE	DESCRIPTION	Kg*mm/Deg	Lbf*In/Deg
H1	G50 FULL SOFT	4472.9452	51642.2
H2	G50 HALF SOFT	5245.52613	60562.0
H3	G50 HALF STIFF	6241.81206	72064.6
H4	G50 FULL STIFF	7541.89313	87074.6

ASSEMBLY SHOWN AT FULL SOFT SETTING

FOR END FITINGS
SEE DRAWING X0005

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBs
FRONT SUSPENSION	1	A ANTI-ROLLBAR MOUNTING BOTTOM	C0019	2	-
	2	A ANTI-ROLLBAR MOUNTING TOP	C0107	2	-
	3	C M8 MALE ROD END L/H THREAD	C0025	2	-
	4	C M8 MALE ROD END R/H THREAD	C0026	2	-
	5	A ANTI-ROLLBAR BUSH ∅35	C0045	4	-
	6	A ANTI-ROLLBAR MOUNTING BUSH M8	C0048	2	-
REAR SUSPENSION	7	A ANTI-ROLLBAR LINK	D0008	2	-
	8	A REAR ANTI-ROLLBAR 35x2 T45	D0009	1	-
M8	9	C M8 NYLOC NUT	-	6	-
	10	C M8 PLAIN NUT L/H THREAD	-	2	-
	11	C M8 PLAIN NUT R/H THREAD	-	2	-
	12	C M8 x 35mm SOCKET CAP HEAD BOLT	-	2	-
	13	C M8 x 100mm SOCKET CAP HEAD BOLT	-	4	-



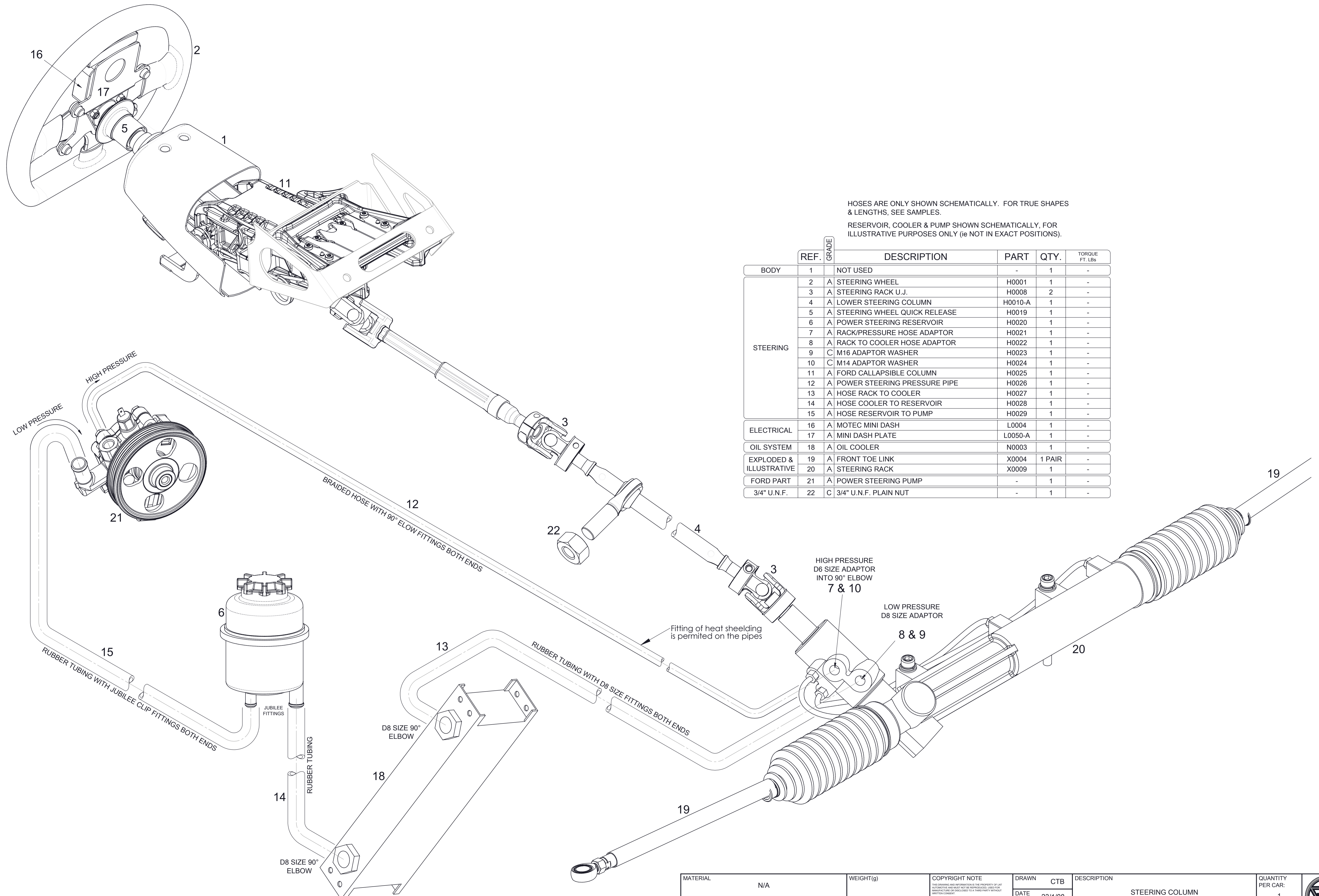


COMPONENTS SHOWN IN GREY WITHOUT REFERENCE NUMBERS ARE PART OF OTHER ASSEMBLIES.
 SEE RELAVANT 'X' PREFIXED DRAWINGS FOR DETAILS.

	REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
STEERING	1	A	RACK CLEVIS	H0007	2	-
	2	A	RACK MOUNTING BUSH	H0012	2	-
	3	A	STEERING RACK	H0013	1	-
	4	A	STEERING RACK BOOT	-	2	-
	5	A	LOCK STOP	H0014	2	-
M10	6	C	M10 PLAIN WASHER	-	2	-
	7	C	M10 SPRING WASHER	-	2	-
	8	C	M10 x 115 SOCKET CAP HEAD BOLT	-	2	-
M18	6	C	M18 PLAIN WASHER	-	2	-
	8	C	M18 x 1.5P HALF NUT	-	2	-

MATERIAL	N/A	WEIGHT(g)	COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE: UNLESS STATED	PROJECTION	DATE	18/1/08	STEERING RACK EXPLODED ASSEMBLY	1
REMOVE ALL BURRS AND SHARP EDGES		LINEAR ±0.1mm ANGULAR ±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	APPROVED	ML	SCALE N/A A1 SHEET 1 OF 1 DRG. NO. X0009	REV.

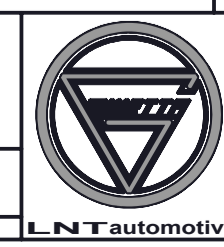




HOSES ARE ONLY SHOWN SCHEMATICALLY. FOR TRUE SHAPES & LENGTHS, SEE SAMPLES.
 RESERVOIR, COOLER & PUMP SHOWN SCHEMATICALLY, FOR ILLUSTRATIVE PURPOSES ONLY (ie NOT IN EXACT POSITIONS).

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
1		NOT USED	-	1	-
2	A	STEERING WHEEL	H0001	1	-
3	A	STEERING RACK U.J.	H0008	2	-
4	A	LOWER STEERING COLUMN	H0010-A	1	-
5	A	STEERING WHEEL QUICK RELEASE	H0019	1	-
6	A	POWER STEERING RESERVOIR	H0020	1	-
7	A	RACK/PRESSURE HOSE ADAPTOR	H0021	1	-
8	A	RACK TO COOLER HOSE ADAPTOR	H0022	1	-
9	C	M16 ADAPTOR WASHER	H0023	1	-
10	C	M14 ADAPTOR WASHER	H0024	1	-
11	A	FORD COLLAPSIBLE COLUMN	H0025	1	-
12	A	POWER STEERING PRESSURE PIPE	H0026	1	-
13	A	HOSE RACK TO COOLER	H0027	1	-
14	A	HOSE COOLER TO RESERVOIR	H0028	1	-
15	A	HOSE RESERVOIR TO PUMP	H0029	1	-
16	A	MOTEC MINI DASH	L0004	1	-
17	A	MINI DASH PLATE	L0050-A	1	-
18	A	OIL COOLER	N0003	1	-
19	A	FRONT TOE LINK	X0004	1 PAIR	-
20	A	STEERING RACK	X0009	1	-
21	A	POWER STEERING PUMP	-	1	-
22	C	3/4" U.N.F. PLAIN NUT	-	1	-

MATERIAL	N/A	WEIGHT(g)	COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE: UNLESS STATED	THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, COPIED, MANUFACTURED OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	DATE	23/1/08	STEERING COLUMN	1
REMOVE ALL BURRS AND SHARP EDGES		LINEAR ±0.1mm ANGULAR ±0.5°	PROJECTION	APPROVED	ML	SCALE N/A A1 SHEET 1 OF 1 DRG. NO. X0010	REV.

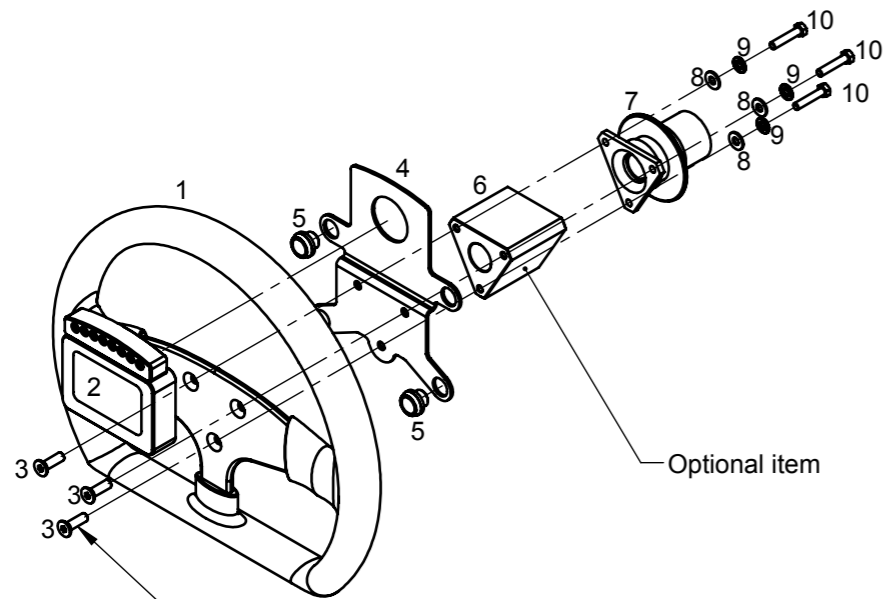


REV.	MODIFICATION	DRAWN	CHECKED	DATE

Alarm Settings

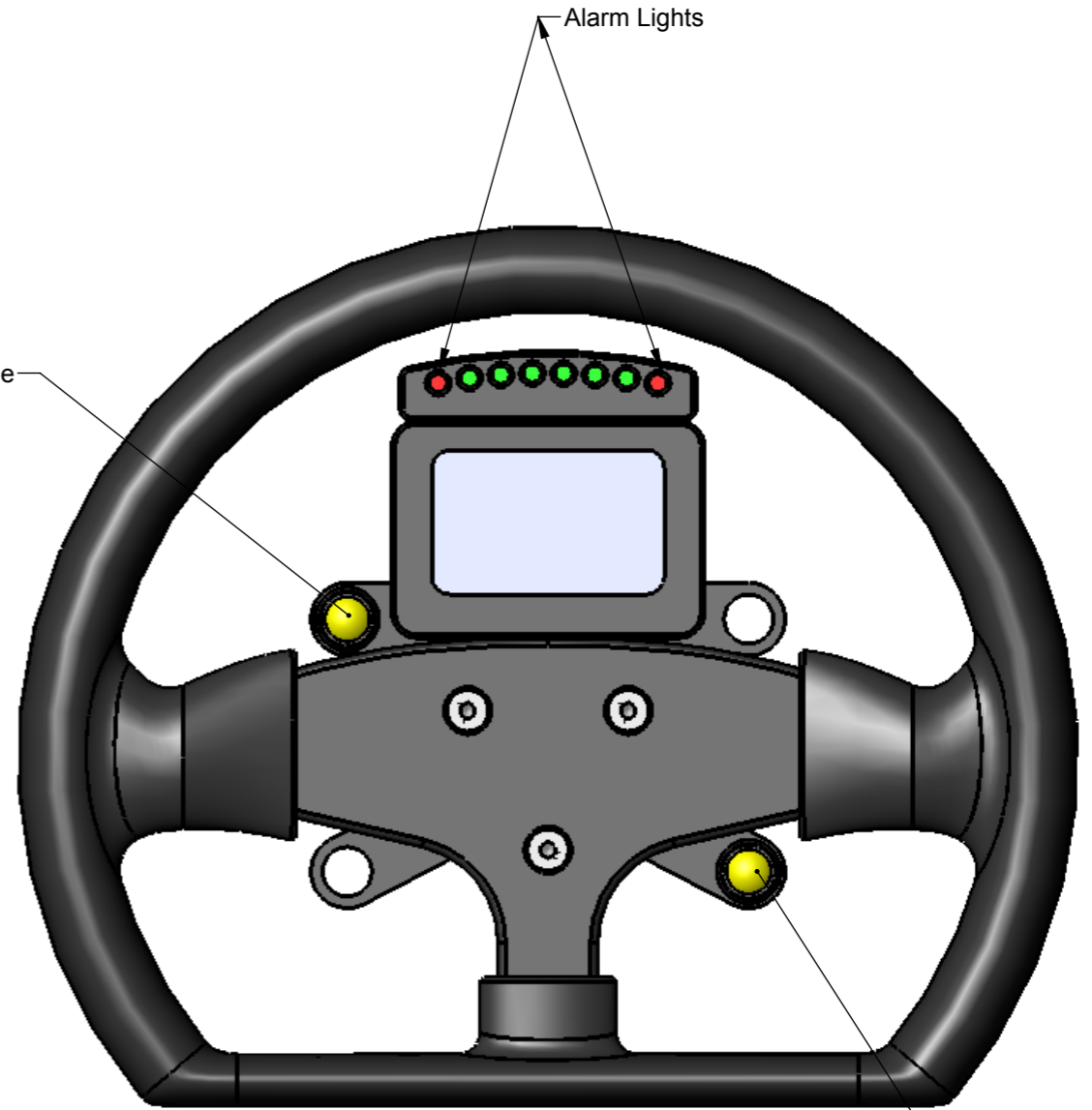
- The current alarm settings on the dash for alarms [2 outside red LEDs]
- Ecu temp HI 80 deg C
- Battery LO 11.2 Volts
- Oil Pressure LO 29 PSI
- Air Inlet Temp LO 0 deg C HI 60 deg C
- Engine Temp LO 0 deg C HI 105 deg C
- Oil Temp HI 120 deg C

Ref.	Description	Part	Qty	Grade
1	Steering Wheel	H0001	1	A
2	Motec Mini Dash	L0004	1	A
3	M5x16 Countersunk Bolt	-	3	C
4	Mini Dash Plate	L0050	1	A
5	Button Steering Wheel	L0056	2	A
6	Steering Wheel Spacer	H0036	1	B
7	Steering Wheel Quick Release	H0019	1	A
8	M5 Plain Washer	-	3	C
9	M5 Spring Washer	-	3	C
10	M5x20 Hex Head Bolt	-	3	C



Mount with M5 nyloc nuts if used without spacer

-Page Button
-Press for 5 Sec.
to change the mode



WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN ML	DESCRIPTION X0054 Steering Wheel & Mini Dash Assy		QUANTITY PER CAR: -
DATE 19/11/2008			REV.
APPROVED ML	SCALE 1:5	A3	SHEET 1 OF 1
DRG. NO. X0054		REV.	



REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				



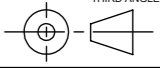
	Circuits/Loads							
A	-Start button -IGN switch ECU relay -Spur to diff pump on separate fuse located above relays							
B	-Green master switch button -Master switch relay							
C	-Brake switch (front bulkhead loom) -Wiper motor (front bulkhead loom) -Flasher relay -Wiper switch -Light switch							
D	-12v (front bulkhead loom not used) cover -12v (rear bulkhead loom not used) cover -Cooling fan relay -Heated screen relay -Radio -Gear box oil pump							

- A) IGN switch 20 AMP STD or 30 AMP with for higher grade diff pump (G0110) and 80 or 107 lts tank
- B) Master switch 5 AMP
- C) Lights & lighter switch 25 AMP
- D) Heated screen 20 AMP

If any of this circuit breakers pop out use this to check the relevant components to the breaker. Quite often it's an easy problem to fix. Have a look at the terminals used in the relays. Have they come loose? Look at the legs on the looms have they been damaged creating a short.

Other things that have happened are, cooling fan sticking so it peaks at 80 AMP
lambda link looms falling onto exhaust, gear box oil pump connectors doing the same.
The 12v connectors should be covered so they don't short, along with anything else that is not used.

If any wet running has been done make sure all the connectors are fully dry the same applies if the car has been washed with water.

WEIGHT(g)		MATERIAL: N/A			COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°		FINISH: N/A REMOVE ALL BURRS AND SHARP EDGES			PROJECTION <small>THIRD ANGLE</small>  DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	
DRAWN: ML		DESCRIPTION: X0063 Switch Panel & Relays			QUANTITY PER CAR:	
DATE: 19/02/2010						
APPROVED: SF		SCALE	N/A	A3	SHEET 1 OF 2	DRG. NO. : X0063
					REV.	

Ginetta Cars, Unit 2, Helios 47, 1 Isabella Road, Garforth, West Yorkshire, England LS25 2DY.
Tel: 44 (0)1909 515 116 Fax: 44 (0)1909 515 699 www.Ginettacars.com



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REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				



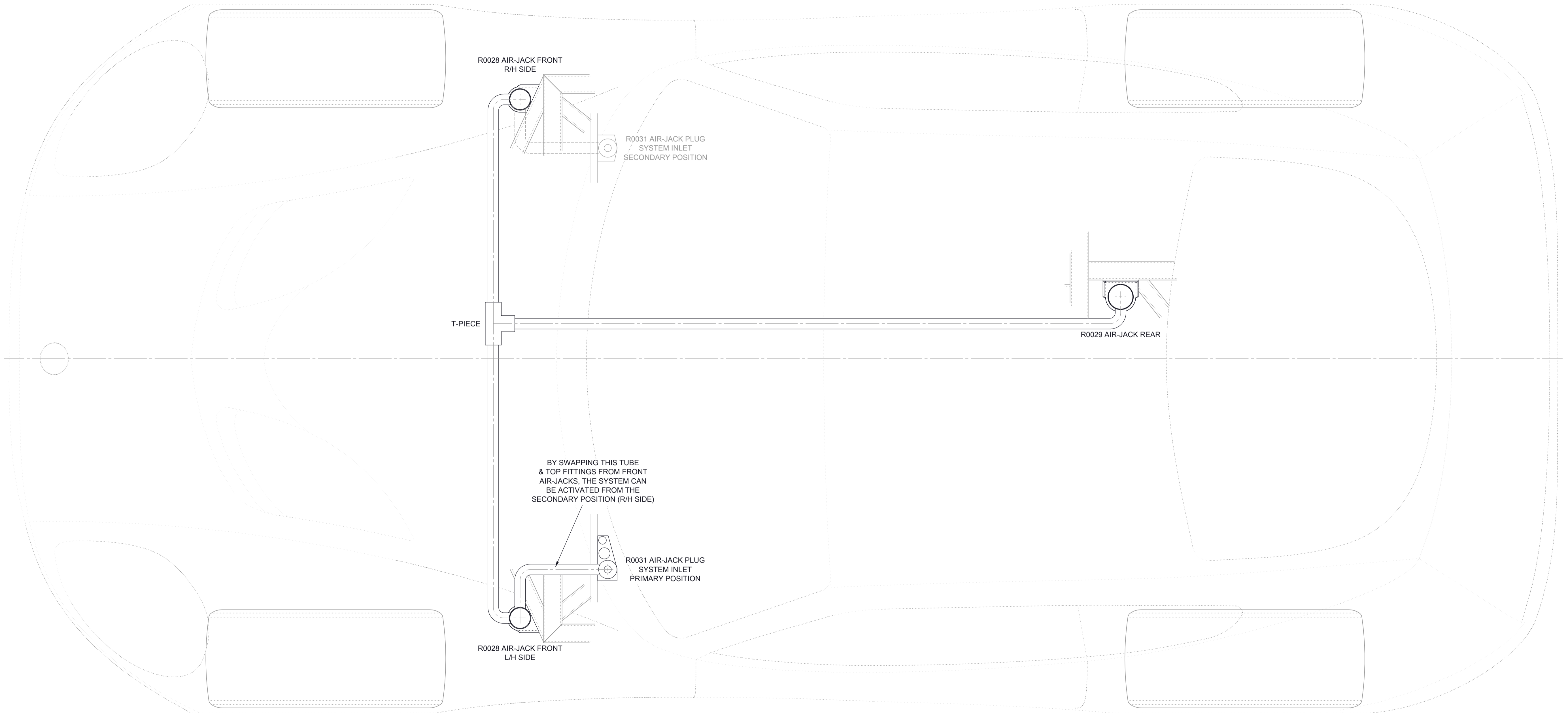
Ref.	Curcuit/Loads
1	Heated screen
2	Cooling fan
3	Flasher unit
4	Fuel/Diff pump
5	Engine loom/ECU and power for fuel pump relay
6	Master Switch

For higher grade diff pump (G0110) the fuse must be changed from 10 to 20 AMP

- 1
- 2
- 3
- 4
- 5
- 6

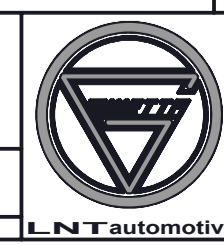
WEIGHT(g)	MATERIAL: N/A	COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH: N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN: ML	DESCRIPTION: X0063 Switch Panel & Relays	QUANTITY PER CAR:	
DATE: 19/02/2010			
APPROVED: SF	SCALE N/A	A3	SHEET 2 OF 2
DRG. NO. : X0063		REV.	

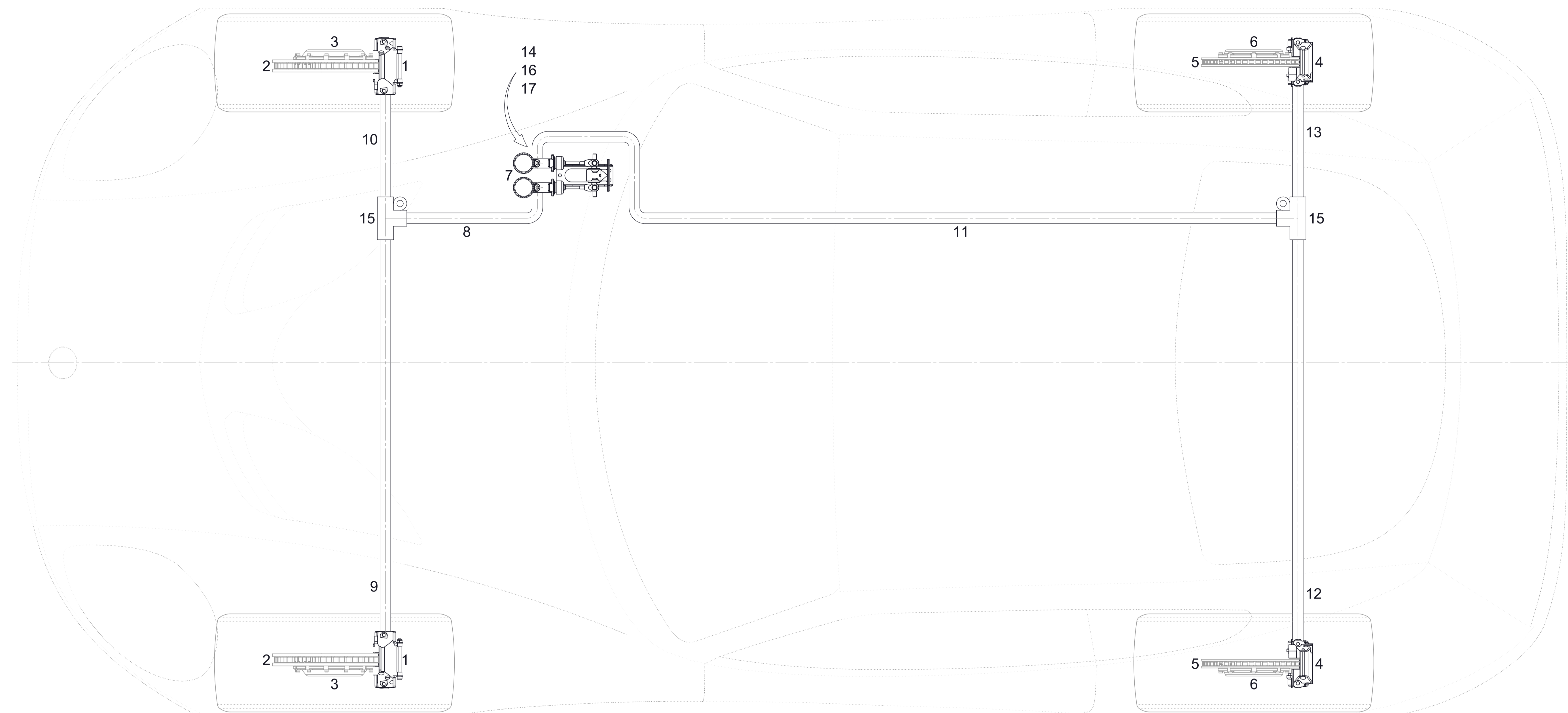
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All parts category "A"
Max operating pressure 40 bar

MATERIAL	N/A	WEIGHT(g)	COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, COPIED, MANUFACTURED OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>		DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE: UNLESS STATED	PROJECTION	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	DATE	24/1/08	AIR-JACK SYSTEM SCHEMATIC	N/A
REMOVE ALL BURRS AND SHARP EDGES		LINEAR ±0.1mm ANGULAR ±0.5°			APPROVED	ML	SCALE N/A A1 SHEET 1 OF 1 DRG. NO. X0012	REV.

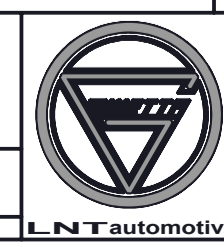


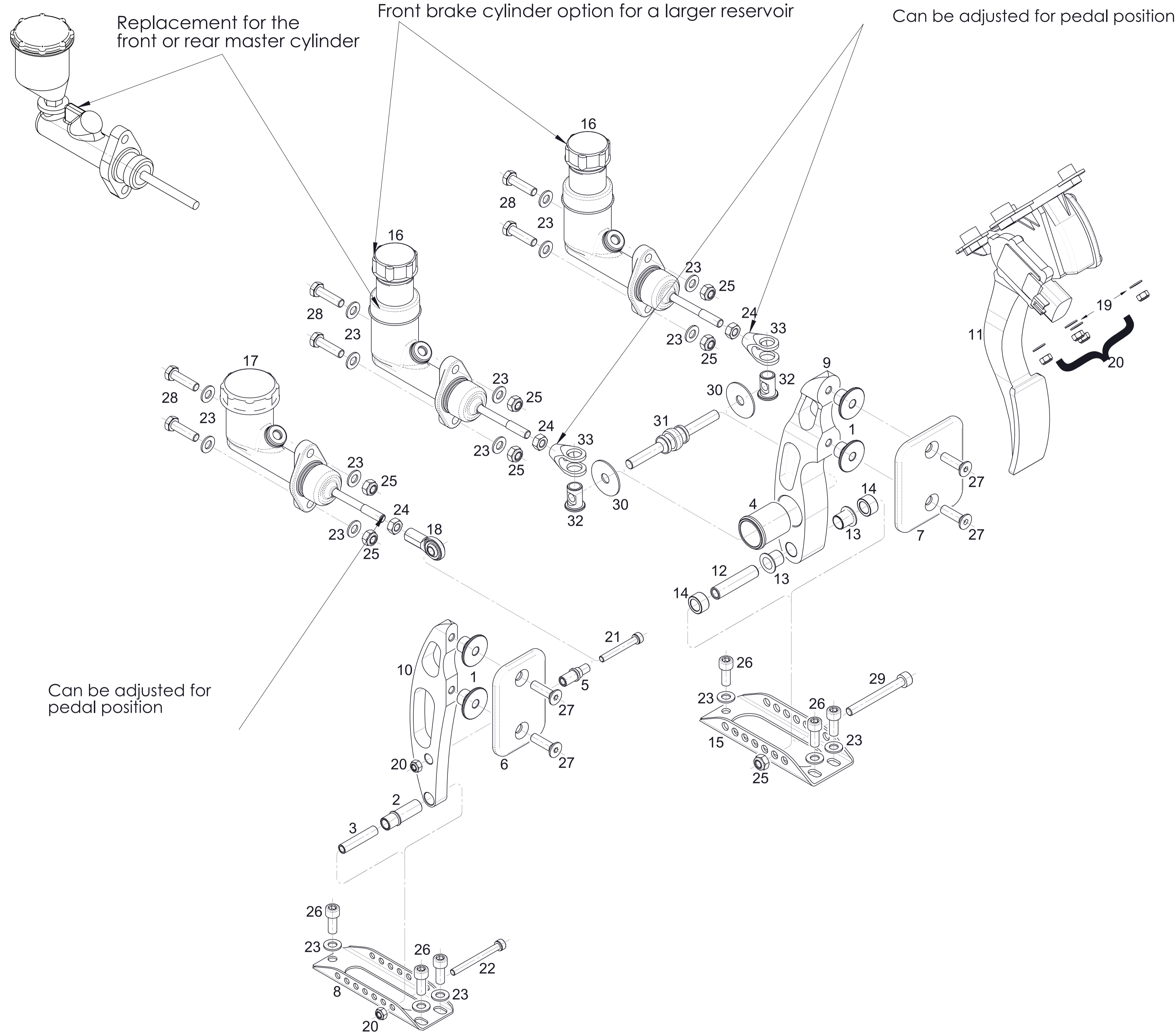


REF.	GRADE	DESCRIPTION	PART	QTY.
1	A	FRONT BRAKE CALIPER	I0001	1 PAIR
2	A	FRONT DISC	I0002L I0002R	1
3	A	FRONT DISC BELL	I0005	2
4	A	REAR BRAKE CALIPER	I0006	1 PAIR
5	A	REAR DISC	I0007L I0007R	1
6	A	REAR DISC BELL	I0010	2
7	A	MASTER CYLINDER BRAKE INTEGRAL 0.7	I0016	2
8	A	FRONT BRAKE MASTER CYLINDER TO T-PIECE	I0031	1
9	A	FRONT BRAKE T-PIECE TO CALIPER L/H	I0032	1
10	A	FRONT BRAKE T-PIECE TO CALIPER R/H	I0033	1
11	A	REAR BRAKE SWITCH TO T-PIECE	I0034	1
12	A	REAR BRAKE T-PIECE TO CALIPER L/H	I0035	1
13	A	REAR BRAKE T-PIECE TO CALIPER R/H	I0036	1
14	A	REAR BRAKE MASTER CYLINDER - SWITCH	I0037	1
15	A	FEMALE BRASS T-PIECE	I0038	2
16	A	BANJO BOLT/SWITCH	I0040	1
17	A	BONDED SEAL FOR ABOVE	I0041	1

BRAKES
I0030 BRAKE PIPE KIT

MATERIAL	N/A	WEIGHT(g)		COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE: UNLESS STATED		PROJECTION	DATE	24/1/08	BRAKING SYSTEM SCHEMATIC	N/A
REMOVE ALL BURRS AND SHARP EDGES		LINEAR ±0.1mm	ANGULAR ±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	APPROVED	ML	SCALE N/A	A1 SHEET 1 OF 1
							DRG. NO. X0013	REV.

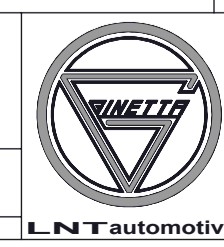




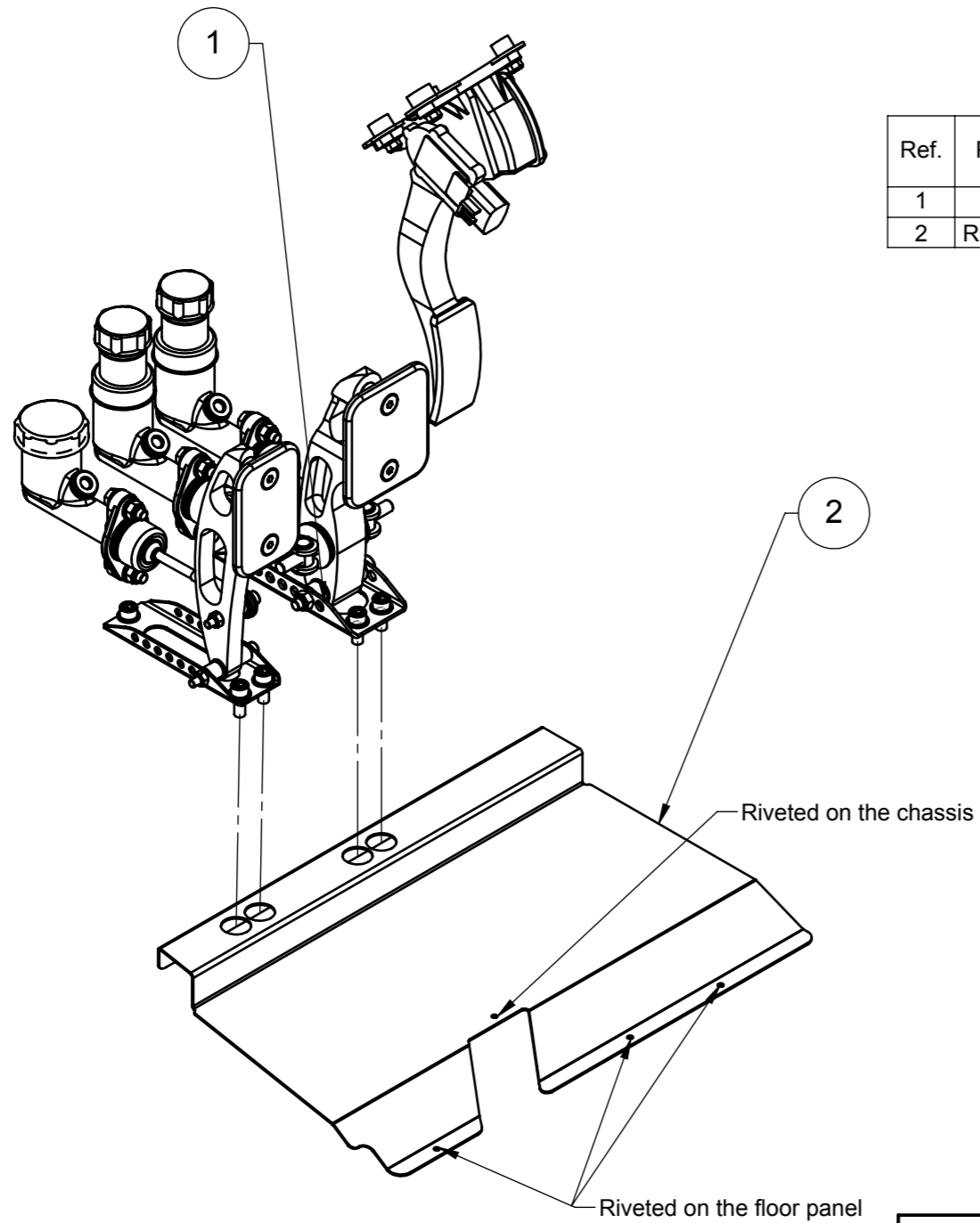
-Molding mark on the pedal can be removed to achieve 100%
 -Stop may be adjusted to achieve 100% throttle position
 (Full throttle is achieved after 95% opening so there is no power gain)
 -Trying to gain any more could cause the pedal to go off the range and go to tickover safety mode in full

-Item 1 (R0001) may be removed/modified to adjust pedal position on brake and clutch

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBS
1	B	PEDAL PAD MOUNTING BUSH	R0001	4	N/A
2	A	PEDAL PIVOT - OUTER BUSH	R0002	1	N/A
3	A	PEDAL PIVOT - INNER BUSH	R0003	1	N/A
4	A	BRAKE PEDAL BIAS BUSH	R0004	1	N/A
5	A	CLUTCH PEDAL BUSH	R0005	1	N/A
6	A	CLUTCH PEDAL PAD	R0006	1	N/A
7	A	BRAKE PEDAL PAD	R0007	1	N/A
8	A	PEDAL MOUNT	R0009	1	N/A
9	A	BRAKE PEDAL ARM	R0010-B	1	N/A
10	B	CLUTCH PEDAL ARM	R0011	1	N/A
11	A	THROTTLE PEDAL (FORD PART)	R0012	1	N/A
12	A	BRAKE PEDAL BUSH	R0045-A	1	N/A
13	A	BRAKE PEDAL FLANGE BEARING JFM-1214-15	R0046	2	N/A
14	A	BRAKE PEDAL THRUST WASHER MSM-1218-10	R0047	2	N/A
15	A	BRAKE PEDAL MOUNT	R0048-A	1	N/A
16	B	BRAKE MASTER CYLINDER (WITH RESERVOIR)	-	2	N/A
17	A	CLUTCH MASTER CYLINDER	-	1	N/A
18	A	∅0.3125" FEMALE ROD END	-	1	-
HARD TRIM					
M6					
19	C	M6 PLAIN WASHER	-	4	N/A
20	C	M6 NYLOC NUT	-	6	-
21	C	M6 x 45mm SOCKET CAP HEAD BOLT	-	1	-
22	C	M6 x 60mm SOCKET CAP HEAD BOLT	-	1	-
M8					
23	C	M8 PLAIN WASHER	-	18	N/A
24	C	M8 PLAIN NUT	-	3	-
25	C	M8 NYLOC NUT	-	7	-
26	C	M8 x 20mm SOCKET CAP HEAD BOLT	-	6	-
27	C	M8 x 30mm SOCKET C'SUNK HEAD BOLT	-	4	-
28	C	M8 x 35mm HEX HEAD BOLT	-	6	-
29	C	M8 x 70mm SOCKET CAP HEAD BOLT	-	1	-
30	C	M10 LARGE WASHER	-	2	N/A
KIT					
31		BRAKE BIAS BAR	-	1	-
32		BRAKE BIAS BUSH	-	2	N/A
33		BRAKE BIAS CLEVIS	-	2	N/A



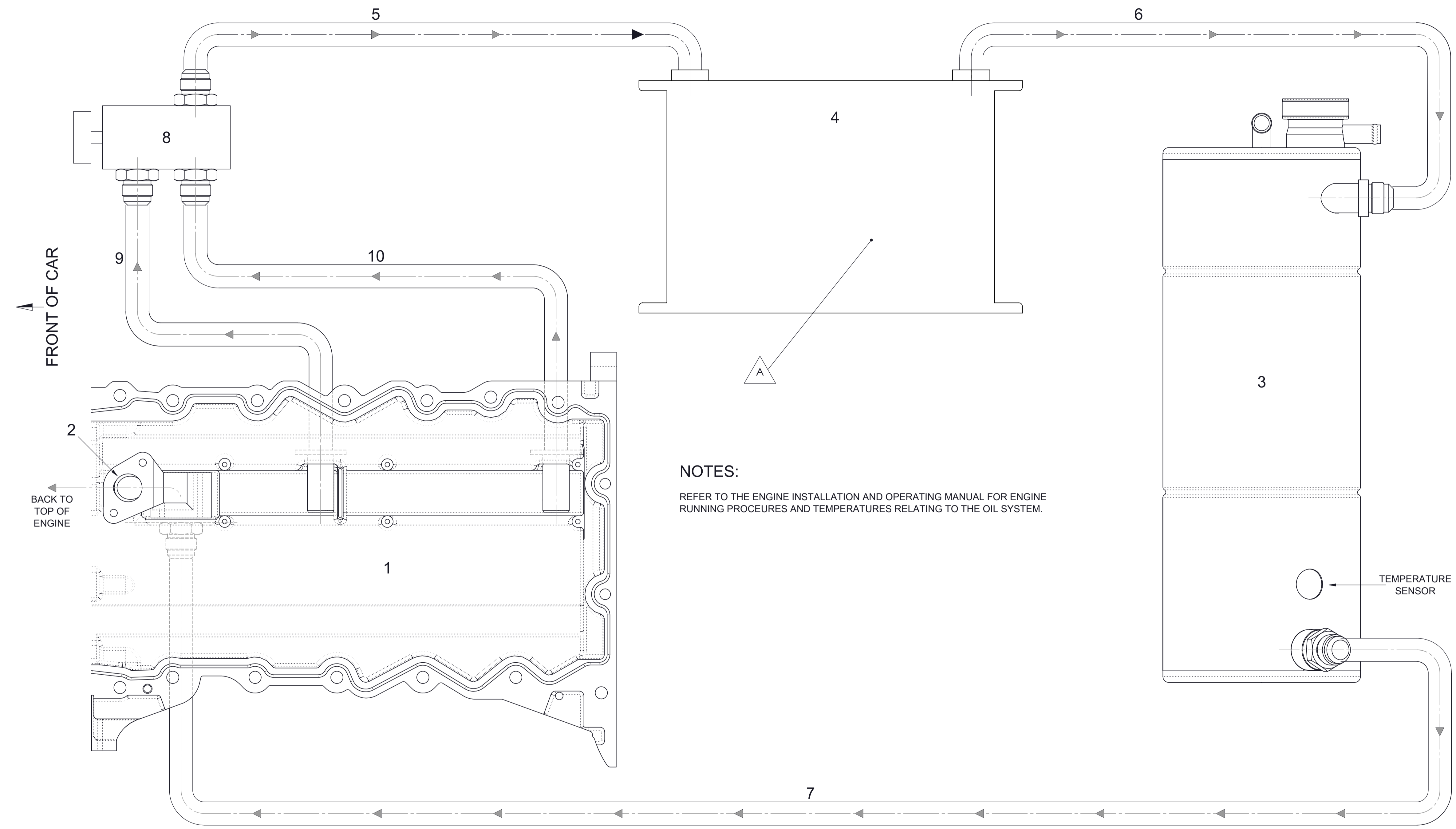
1	2	3	4	5	6	7	8
REV.	MODIFICATION	DRAWN	CHECKED	DATE			



Ref.	Part	Description	Qty	Grade
1	-	Pedals Assy	01	A
2	R0057	Floor Heal Rest	01	A

WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN : ML	DESCRIPTION	QUANTITY PER CAR:	
DATE: 17/04/2008	X0040 Pedal & Foot Rest	REV.	
APPROVED: ML	SCALE N/A	A3	SHEET 1 OF 1
	DRG. NO.		

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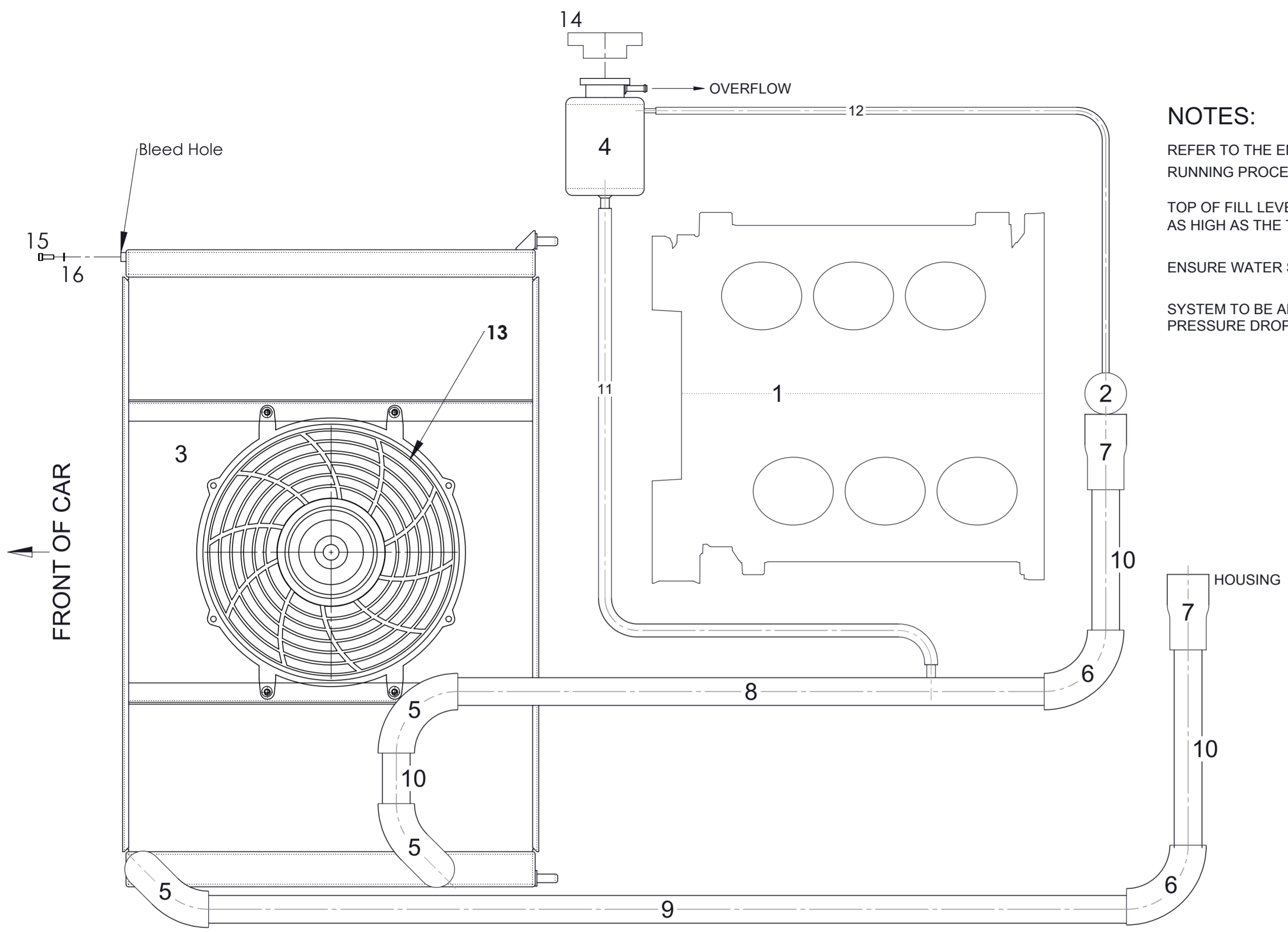


NOTES:
REFER TO THE ENGINE INSTALLATION AND OPERATING MANUAL FOR ENGINE RUNNING PROCEDURE AND TEMPERATURES RELATING TO THE OIL SYSTEM.

	REF.	GRADE	DESCRIPTION	PART	QTY.
ENGINE	1	A	SUMP CASTING	E0012	1
	2	A	SUMP OIL PICK-UP	E0014	1
OIL SYSTEM	3	A	OIL TANK	N0001	1
	4	A	25 ROW OIL COOLER	N0014	1
	5	A	OIL PIPE - PUMP TO COOLER	N0006	1
	6	A	OIL PIPE - COOLER TO TANK	N0007	1
	7	A	OIL PIPE - TANK TO SUMP	N0008	1
	8	A	OIL PUMP (SUPPLIED WITH ENGINE)	-	1
	9	A	FRONT SCAVENGE TUBE (SUPPLIED WITH ENGINE)	-	1
	10	A	REAR SCAVENGE TUBE (SUPPLIED WITH ENGINE)	-	1



REV.	MODIFICATION	DRAWN	CHECKED	DATE
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NOTES:

REFER TO THE ENGINE INSTALLATION AND OPERATING MANUAL FOR ENGINE RUNNING PROCEDURE AND TEMPERATURES RELATING TO THE COOLING SYSTEM.

TOP OF FILL LEVEL TO BE AS HIGH AS POSSIBLE IN THE CAR AND AT LEAST AS HIGH AS THE TOP OF THE ENGINE CAM COVERS.

ENSURE WATER SYSTEM BENDS ARE NOT RESTRICTED IN FLOW AREA.

SYSTEM TO BE ARRANGED WITH THE MINIMUM NUMBER OF BENDS TO MINIMISE PRESSURE DROP.

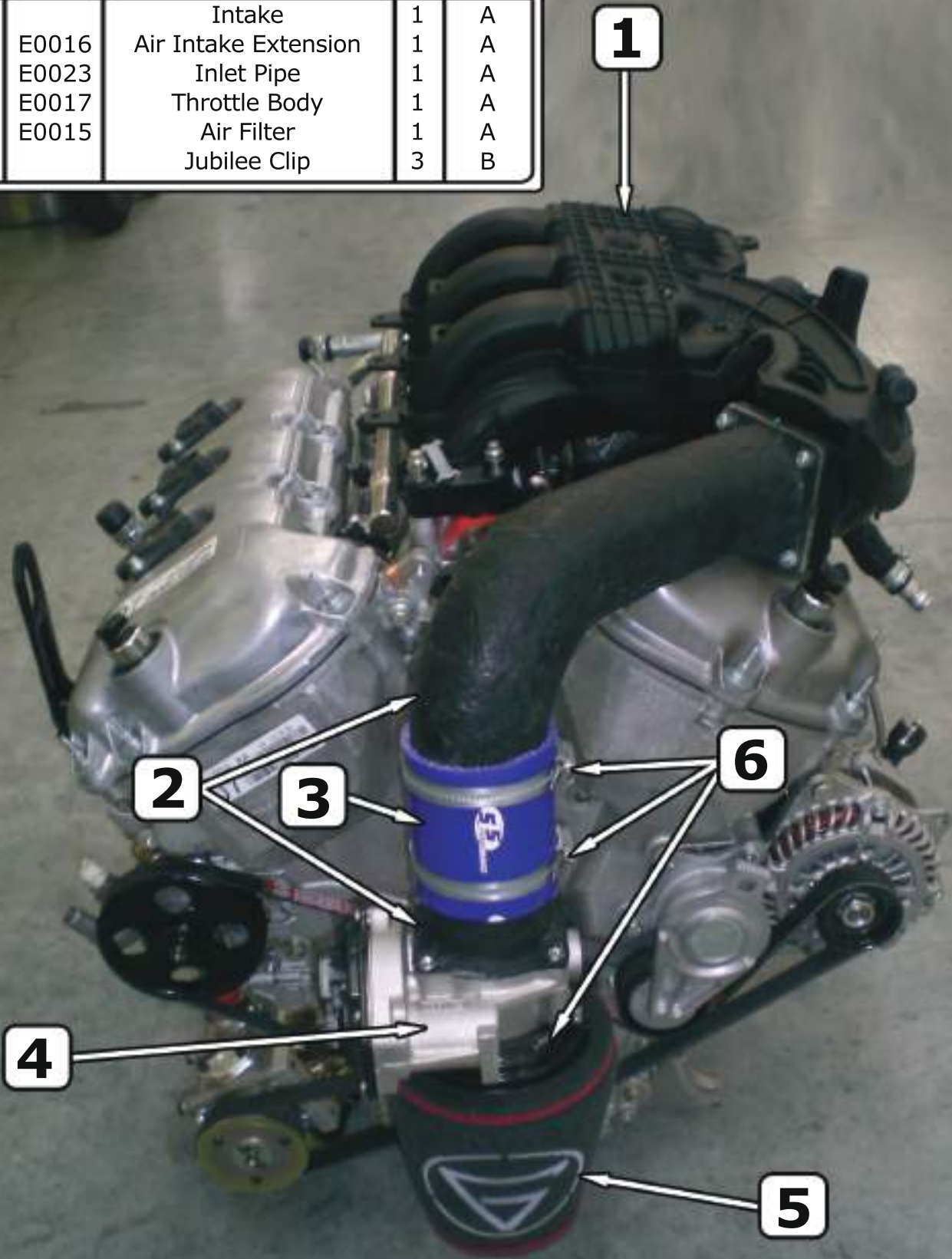
Ref	Φ	Description	Part	Qty.
1	A	ENGINE	-	1
2	A	STAT - SUPPLIED WITH ENGINE	-	1
3	A	WATER RADIATOR	P0001	1
4	A	WATER HEADER TANK	P0003	1
5	B	HOSE - 45 DEGREE BEND	-	3
6	B	HOSE - 90 DEGREE BEND	-	2
7	B	HOSE - Ø38/Ø32 REDUCER	-	2
8	A	GINETTA PIPE - WITH TEE	-	1
9	A	GINETTA PIPE - PLAIN	-	1
10	A	Ø32 ALUMINIUM PIPE	-	-
11	B	Ø15mm HOSE	-	1
12	B	Ø8mm HOSE	-	-
13	A	RADIATOR FAN	P0005	1
14	A	RADIATOR CAP	P0006	1
15	B	M6X12 CAP HEAD BOLT	-	1
16	B	M6 WASHER	-	1

MATERIAL	N/A	WEIGHT(g)		COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE:	UNLESS STATED	THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	DATE	31/1/08	COOLING SYSTEM SCHEMATIC	2
REMOVE ALL BURRS AND SHARP EDGES		LINEAR	±0.1mm	ANGULAR	±0.5°	PROJECTION	SCALE	N/A
							A2	SHEET 1 OF 1
							DRG. NO.	X0014
							REV.	



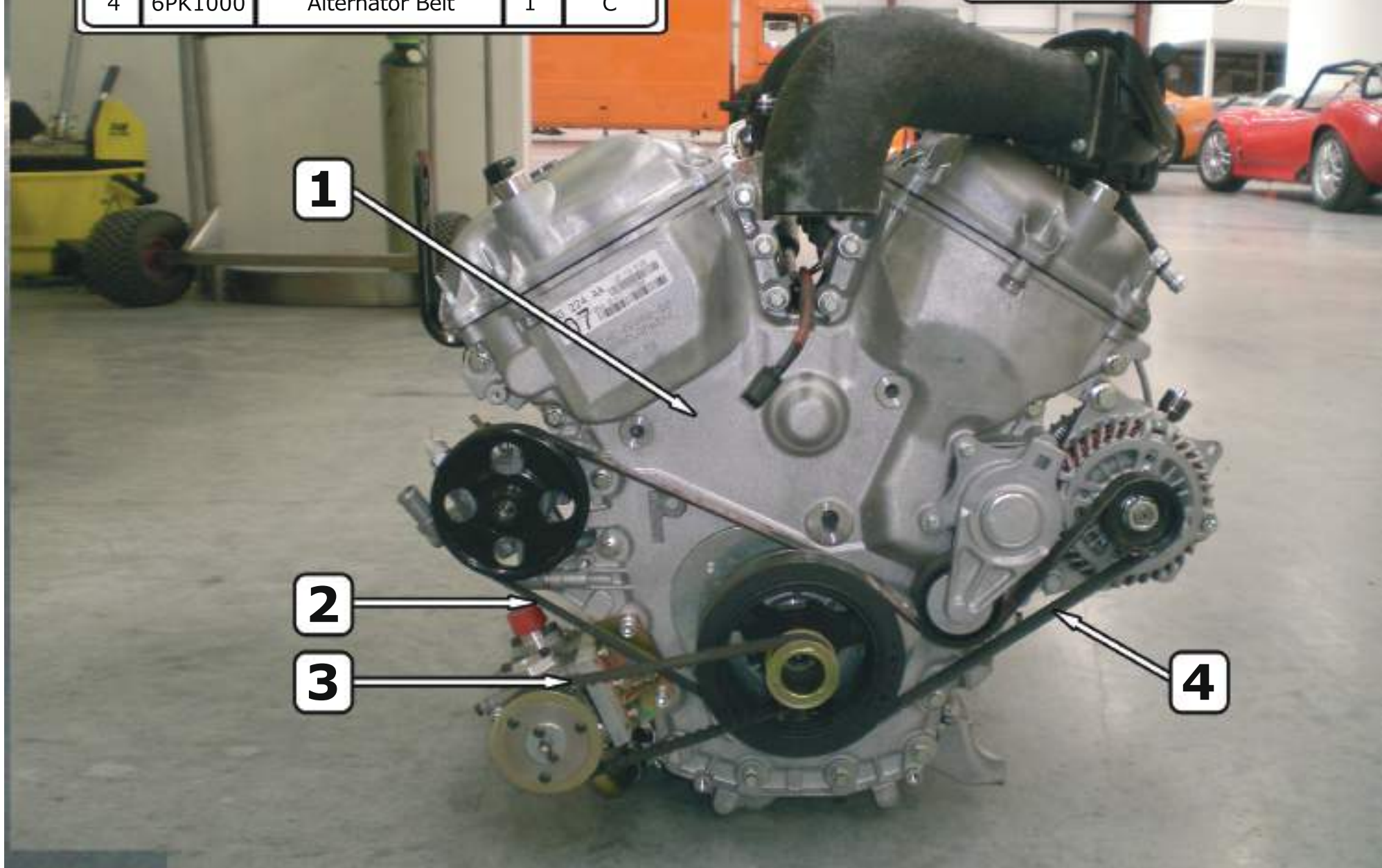
Part #: X0042
Ginetta G50 Ford V6 Engine
Intake Diagram

Ref.	Part	Description	Qty	Grade
1		Intake	1	A
2	E0016	Air Intake Extension	1	A
3	E0023	Inlet Pipe	1	A
4	E0017	Throttle Body	1	A
5	E0015	Air Filter	1	A
6		Jubilee Clip	3	B



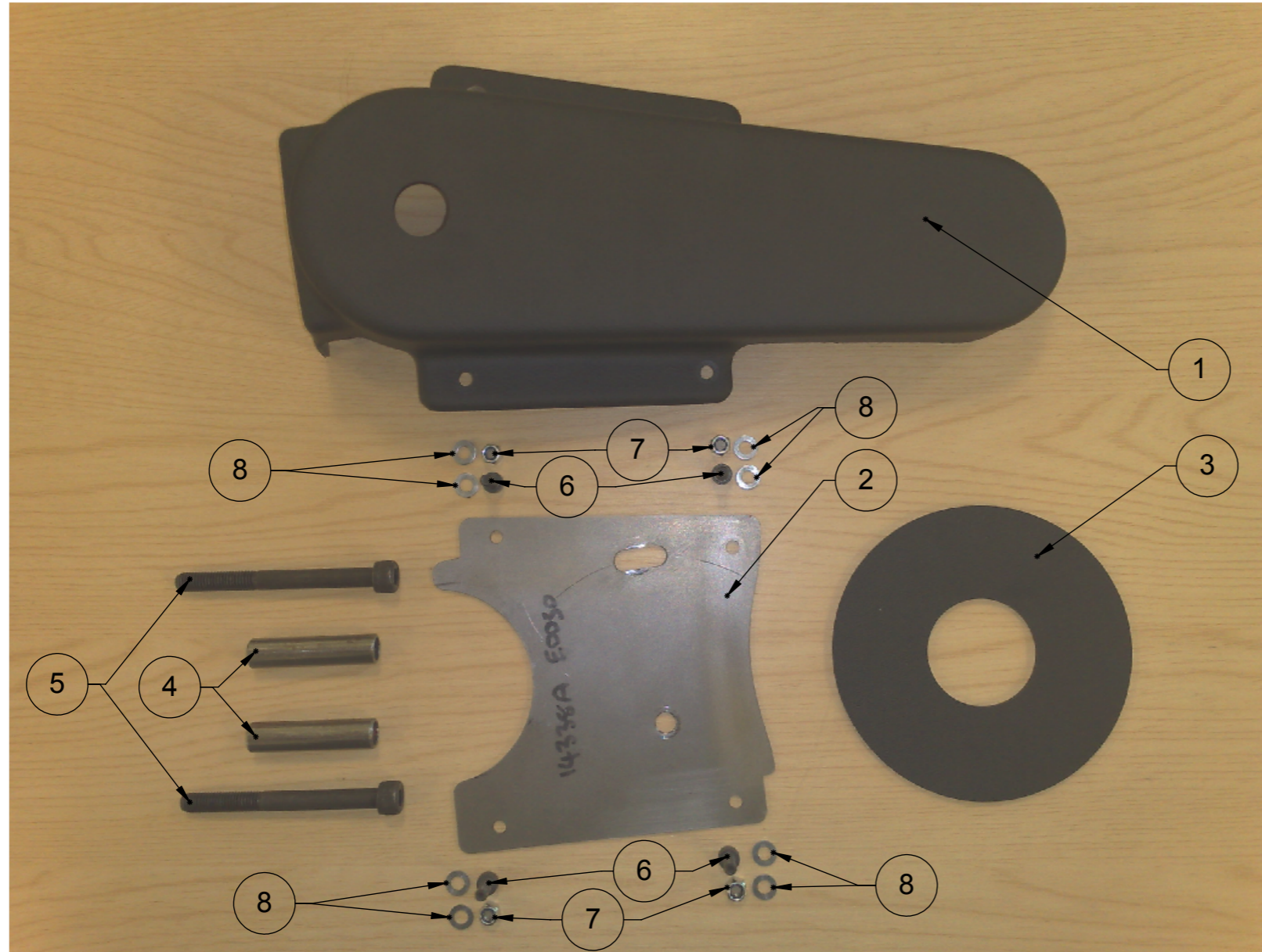
Ref.	Part	Description	Qty	Grade
1	E0001	Engine	1	A
2	4PK938	Power Steering Belt	1	C
3	240L	Scavenge Pump Belt	1	C
4	6PK1000	Alternator Belt	1	C

Part #: X0043
Ginetta G50 Ford V6 Engine
Belts Diagram



1	2	3	4	5	6	7	8
REV.	MODIFICATION	DRAWN	CHECKED	DATE			

Ref.	Description	Part	Qty	Grade
1	Oil Pump Belt Main Cover	E0032	1	B
2	Oil Pump Belt Cover BKT	E0030	1	B
3	Oil Pump Belt Rear Cover	E0031	1	B
4	Spacer Oil Pump Cover 50mm tube	E0035	2	B
5	M8x80 Button Head Bolt		2	C
6	M5x16 Cap Head Bolt		4	C
7	M5 Nyloc Nut		4	C
8	M5 Plain Washer		8	C

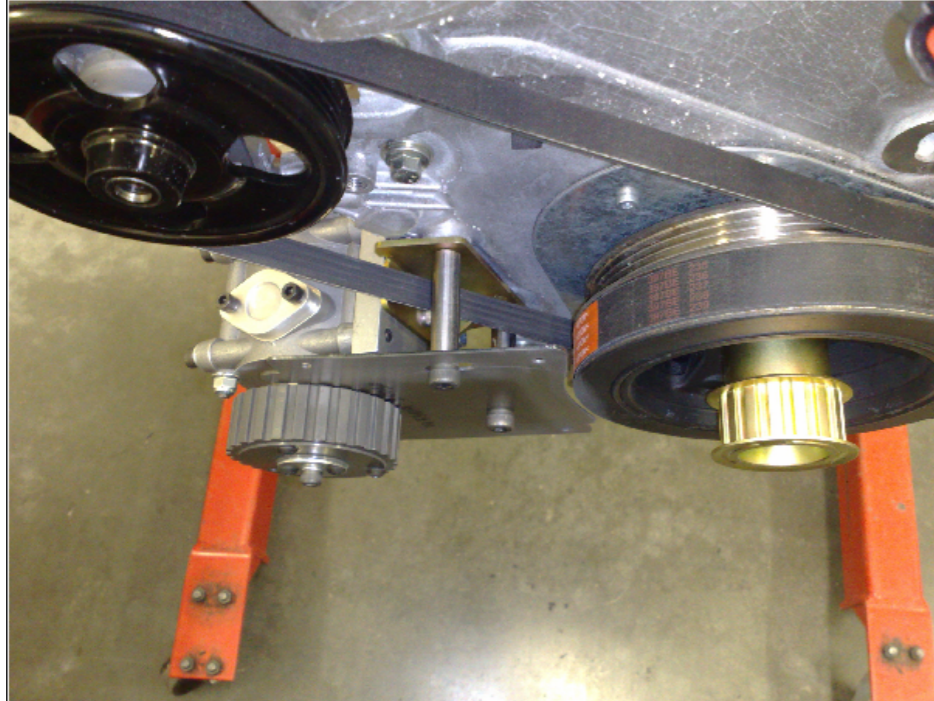


WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A <small>REMOVE ALL BURRS AND SHARP EDGES</small>	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN: ML	DESCRIPTION X0059 Oil Pump Belt Cover	QUANTITY PER CAR:	
DATE: 18/02/2010		N/A	
APPROVED: ML	SCALE N/A	A3	SHEET 1 OF 2
	DRG. NO. X0059	REV.	

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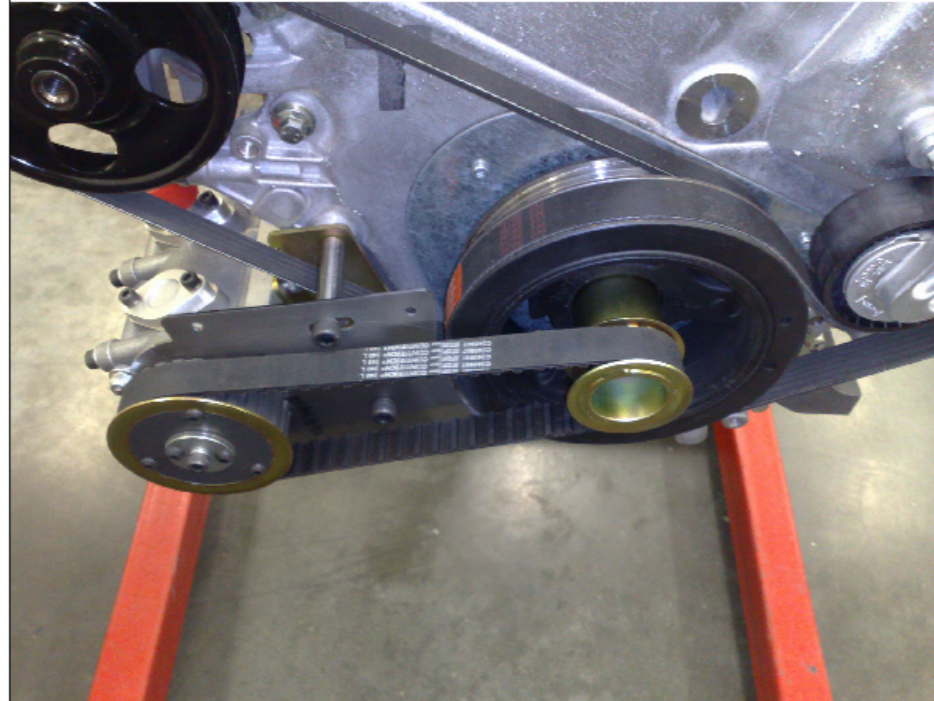
REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

Step 1



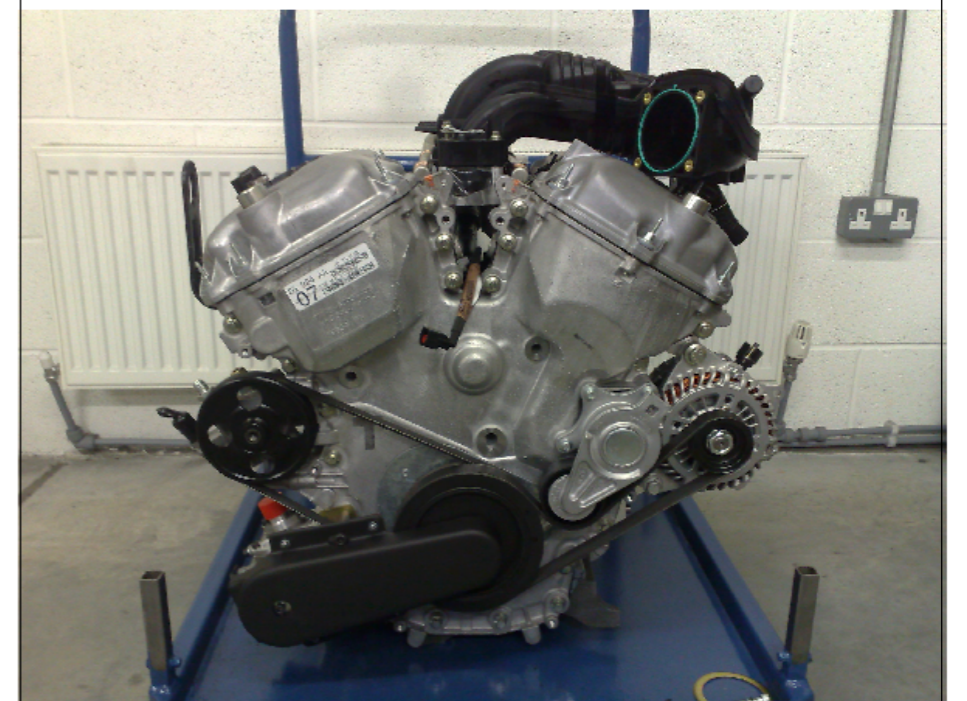
- Fit item2
- Item 3 must be glued onto pulley
- Tighten crank pulley to 75 ft.lb with loctite 243

Step 2



- Fit retaining ring to the pump pulley

Step 3



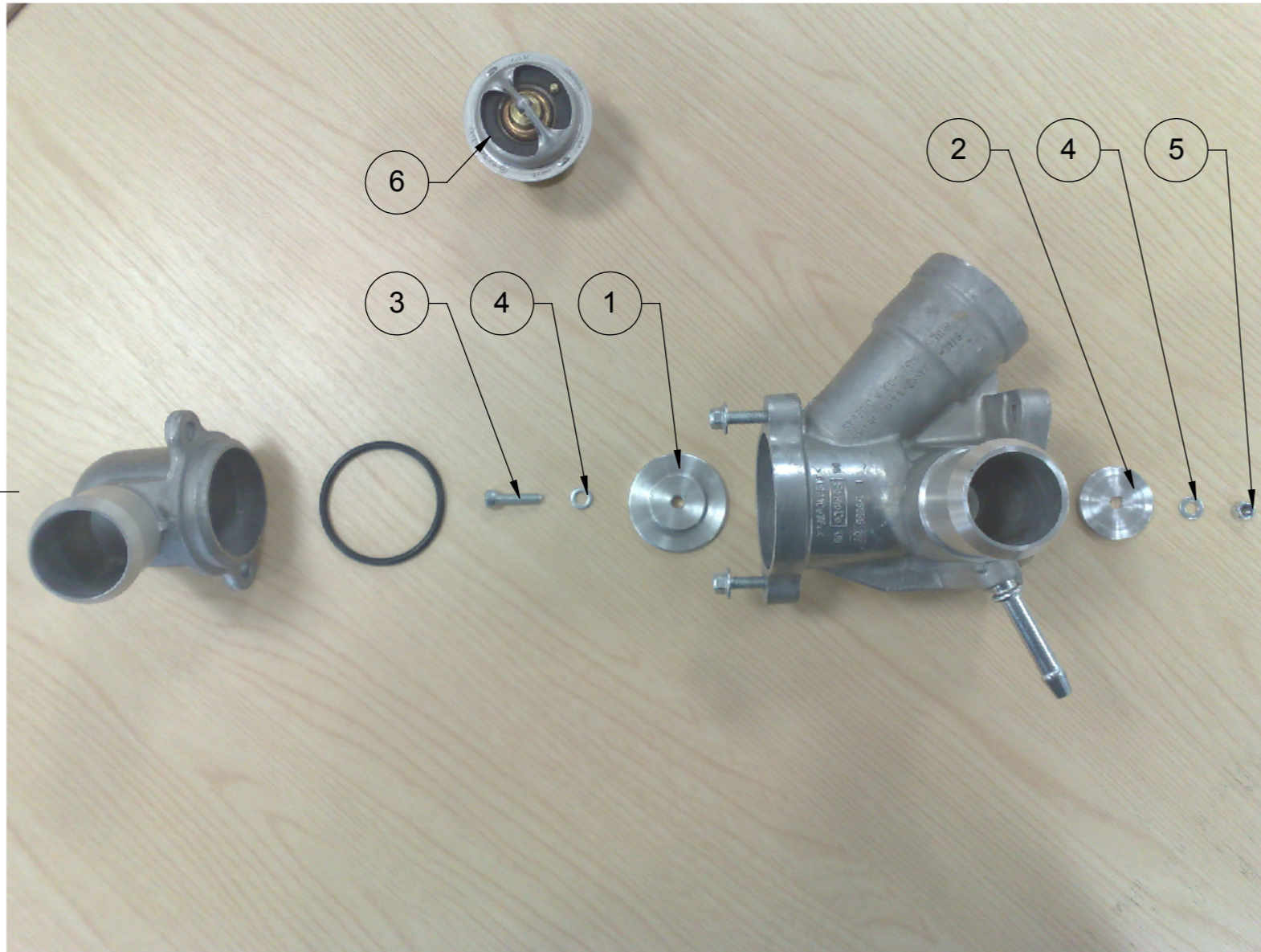
- Fit item 1

WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A <small>REMOVE ALL BURRS AND SHARP EDGES</small>	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN: ML	DESCRIPTION X0059 Oil Pump Belt Cover	QUANTITY PER CAR:	
DATE:18/02/2010		N/A	
APPROVED: ML	SCALE N/A	A3	SHEET 2 OF 2
	DRG. NO.	X0059	REV.

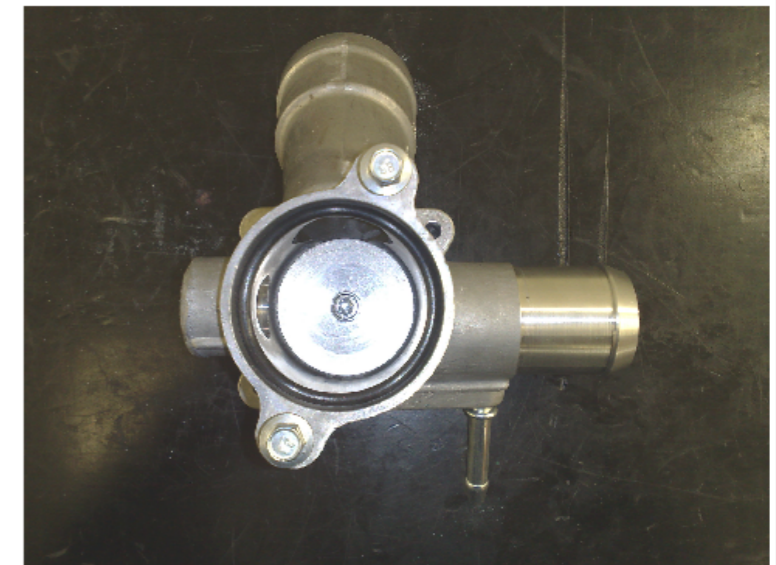
1	2	3	4	5	6	7	8
REV.	MODIFICATION	DRAWN	CHECKED	DATE			

Ref.	Part	Description	QTY.	Grade
1	P0018	Thermostat Blanking Cap	1	A
2	P0019	Thermostat Blanking Cap Washer	1	A
3	-	M5x20 Cap Head Bolt	1	C
4	-	M5 Plain Washer	2	C
5	-	Nyloc Nut	1	C
6	-	Thermostat Valve	1	A

Option to replace Item 6 for items 1 to 5 to blank the thermostat valve.



Assembled



WEIGHT(g)		MATERIAL N/A		COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°		FINISH N/A REMOVE ALL BURRS AND SHARP EDGES		PROJECTION THIRD ANGLE 	
DRAWN ML		DESCRIPTION X0060 Thermostat Housing		QUANTITY PER CAR: N/A	
DATE 20/01/2010				 	
APPROVED ML		SCALE N/A	A3		
				REV.	

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REV.	MODIFICATION	DRAWN	CHECKED	DATE
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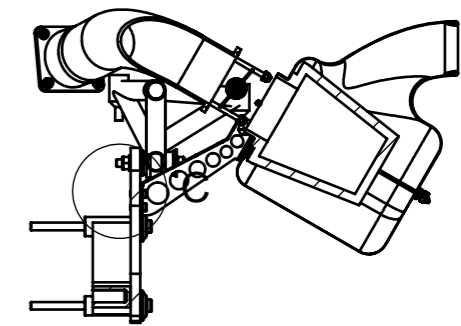
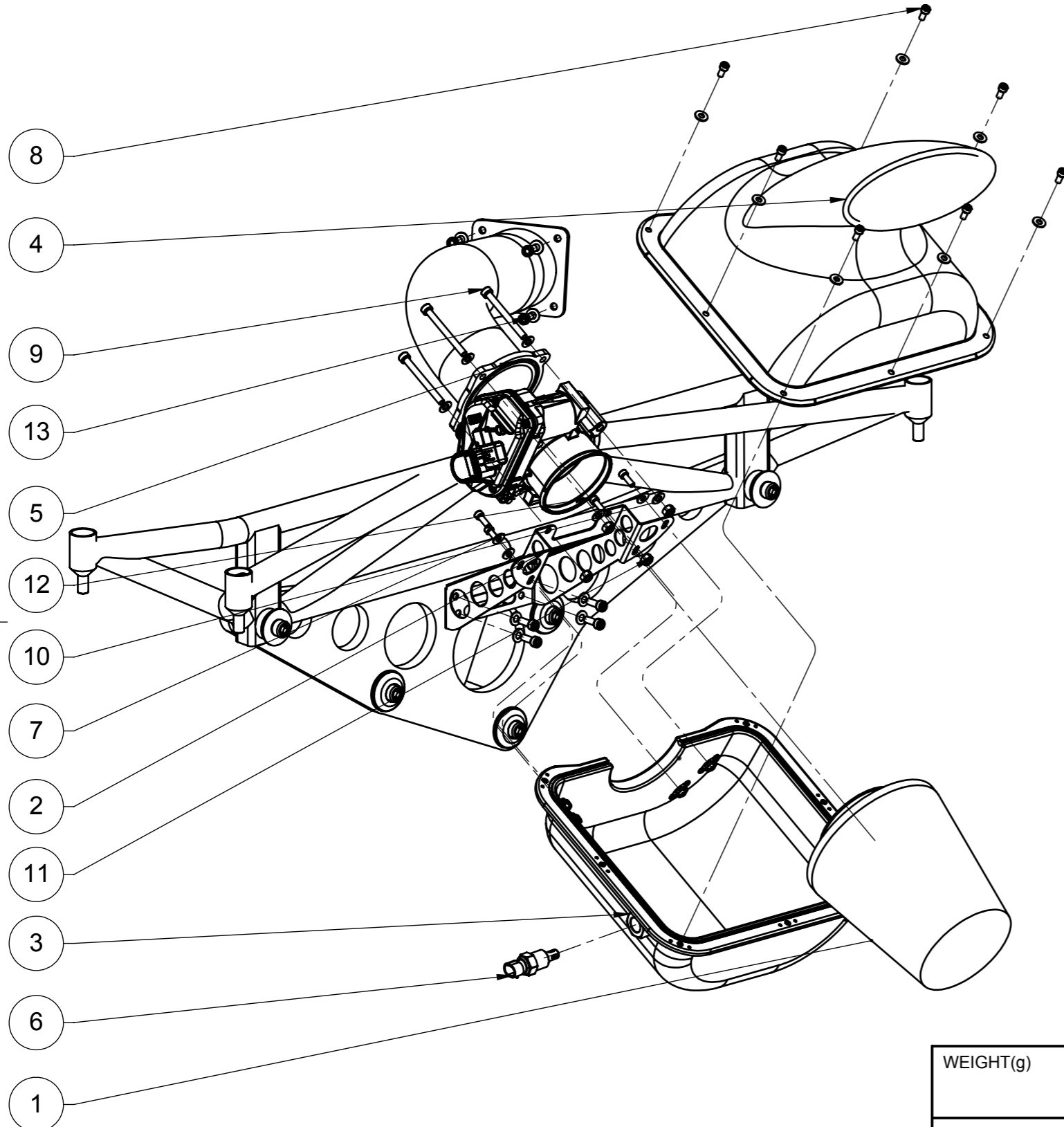
GT4 2010 Spec

DETAIL C
SCALE 1 : 5

Existing MTG bolts

Use item 2 as a drilling jig
and tap two M6 thread holes

Ref.	PART	DESCRIPTION	Default /QTY.	Grade
1	E0015	Air Filter	1	A
2	E0061	Throttle Body-Air Box BKT	1	A
3	E0062	Air Box Bottom Tray	1	A
4	E0063	Air Box Top Scope	1	A
5	E0064	Intake Extension Tube_	1	A
6	L0042	Air Temp. Sensor	1	A
7	-	M5 washer	11	C
8	-	M5x10 cap head	7	C
9	-	M6x60 cap head	4	C
10	-	M6 washer	14	C
11	-	M6 Nyloc	4	C
12	-	M5x13 cap head	4	C
13	-	M6x16 cap head	8	C



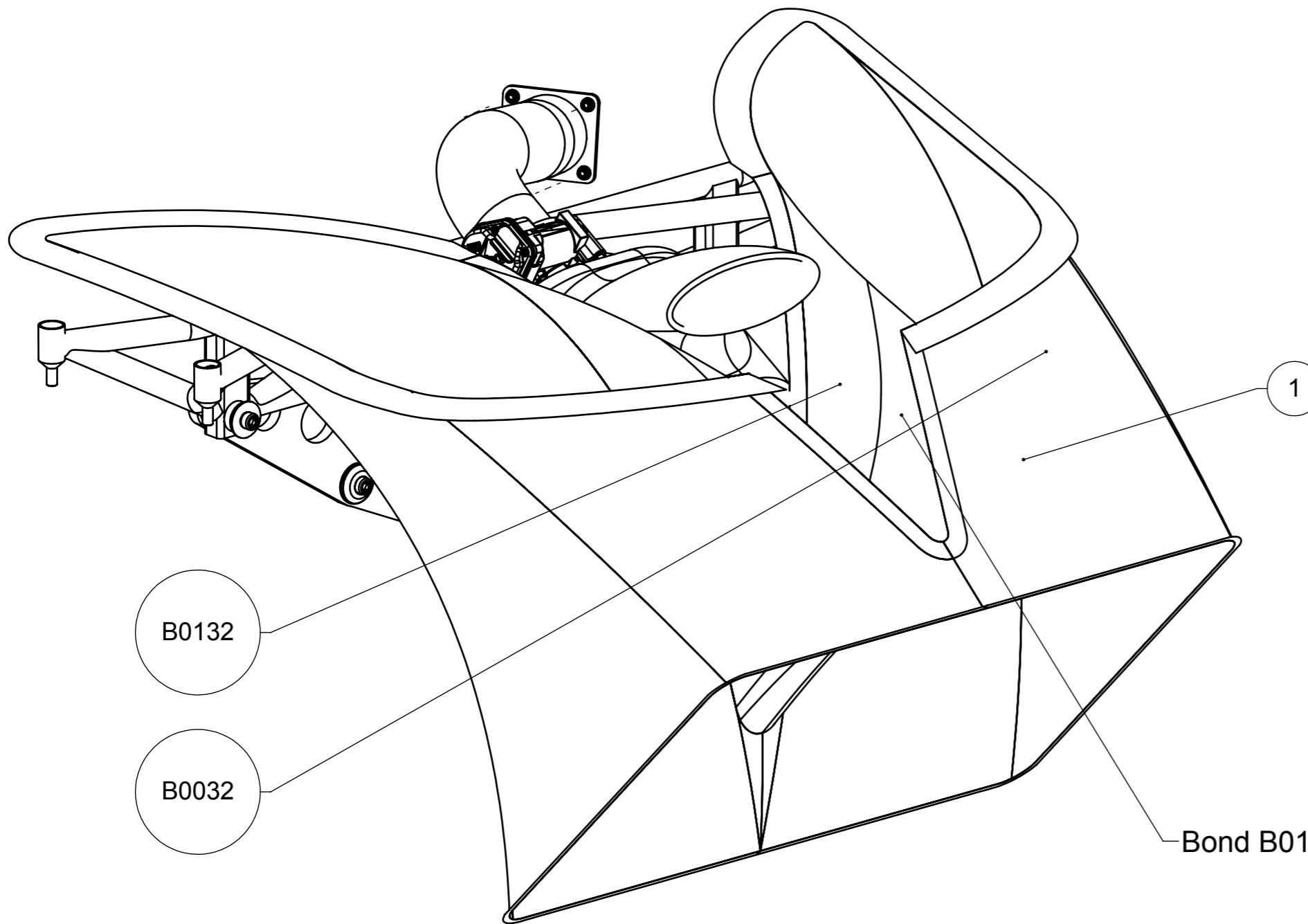
WEIGHT(g)		MATERIAL N/A		COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°		FINISH N/A <small>REMOVE ALL BURRS AND SHARP EDGES</small>		PROJECTION THIRD ANGLE 	
DRAWN ML		DESCRIPTION X0061 Air Box Assy		QUANTITY PER CAR: -	
DATE 21/01/2010				 	
APPROVED ML		SCALE N/A	A3		
				REV.	

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1	2	3	4	5	6	7	8
REV.	MODIFICATION	DRAWN	CHECKED	DATE			

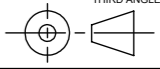

GT4 2010 Spec

Ref.	Part	Description	Qty.	Grade
1	B0180	Radiator Exit Duct-V6 Air Box	1	B



-Item 1 can be made with B0032 and B0132

Bond B0132 in place and trim B0032 in order to clear the air box

WEIGHT(g)		MATERIAL N/A		COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°		FINISH N/A <small>REMOVE ALL BURRS AND SHARP EDGES</small>		PROJECTION THIRD ANGLE 	
DRAWN ML		DESCRIPTION X0061 Air Box Assy		QUANTITY PER CAR: -	
DATE 21/01/2010					
APPROVED ML		SCALE N/A	A3		

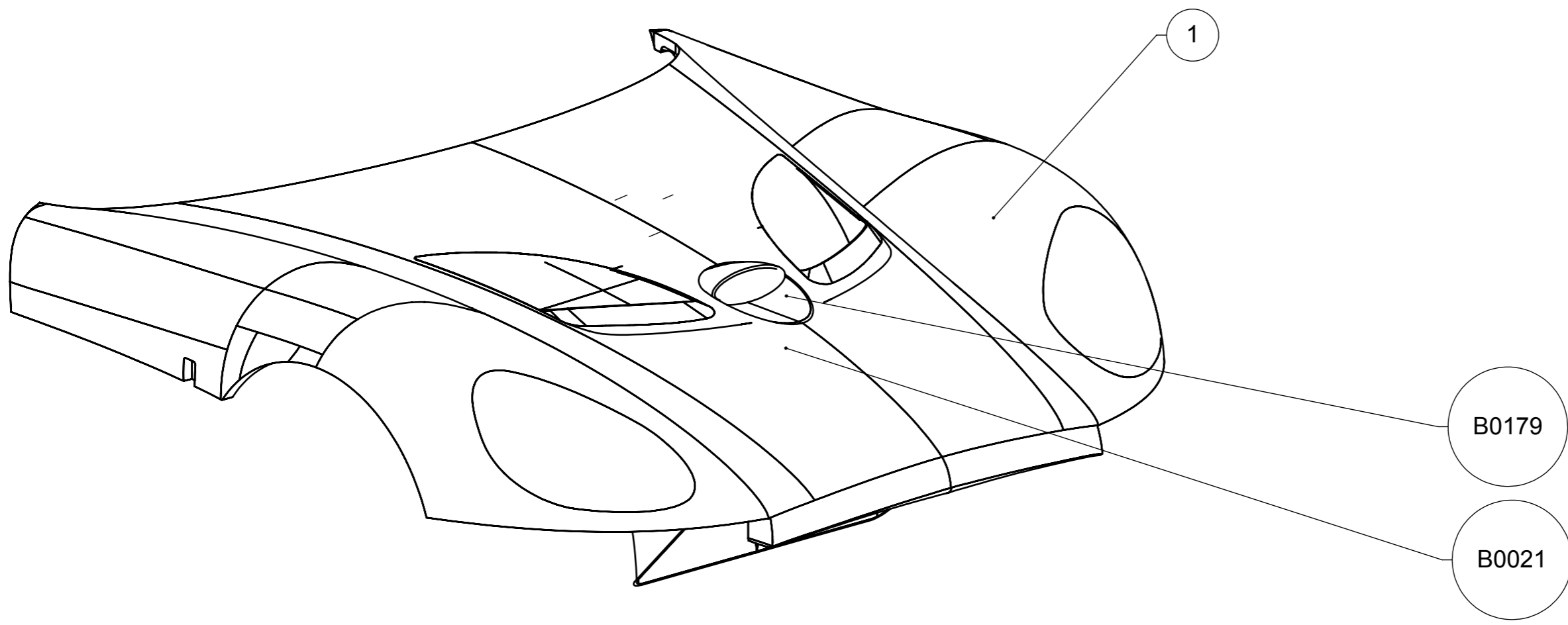
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1	2	3	4	5	6	7	8
REV.	MODIFICATION	DRAWN	CHECKED	DATE			

GT4 2010 Spec

Ref.	Part	Description	Qty.	Grade
1	B0178	Bonnet V6 Air Box Scope	1	B

-Item 1 can be made with parts B0021 and B0179



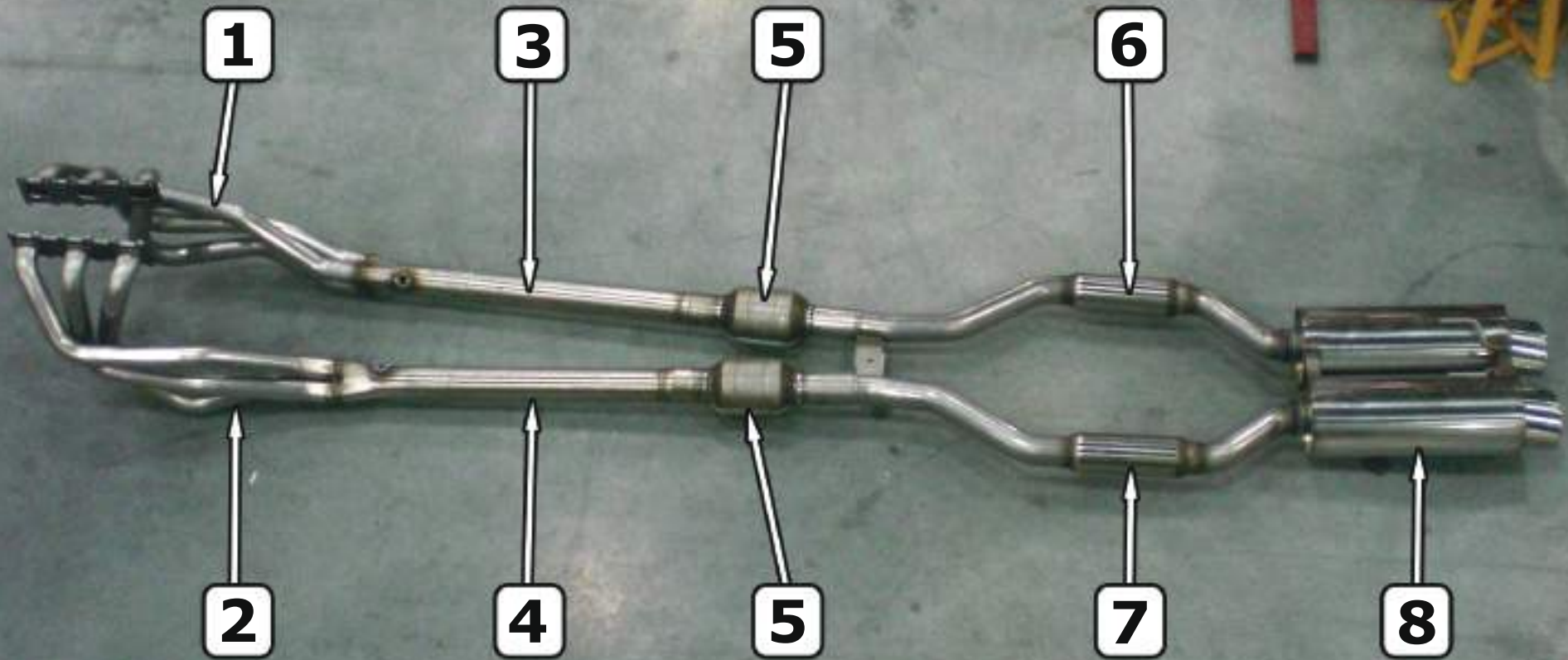
Use splash mould to describe the bonnet, cut a hole on that and bond B0179 in place

WEIGHT(g)		MATERIAL N/A		COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°		FINISH N/A <small>REMOVE ALL BURRS AND SHARP EDGES</small>		PROJECTION THIRD ANGLE 	
DRAWN ML		DESCRIPTION X0061 Air Box Assy		QUANTITY PER CAR: -	
DATE 21/01/2010					
APPROVED ML		SCALE N/A	A3		

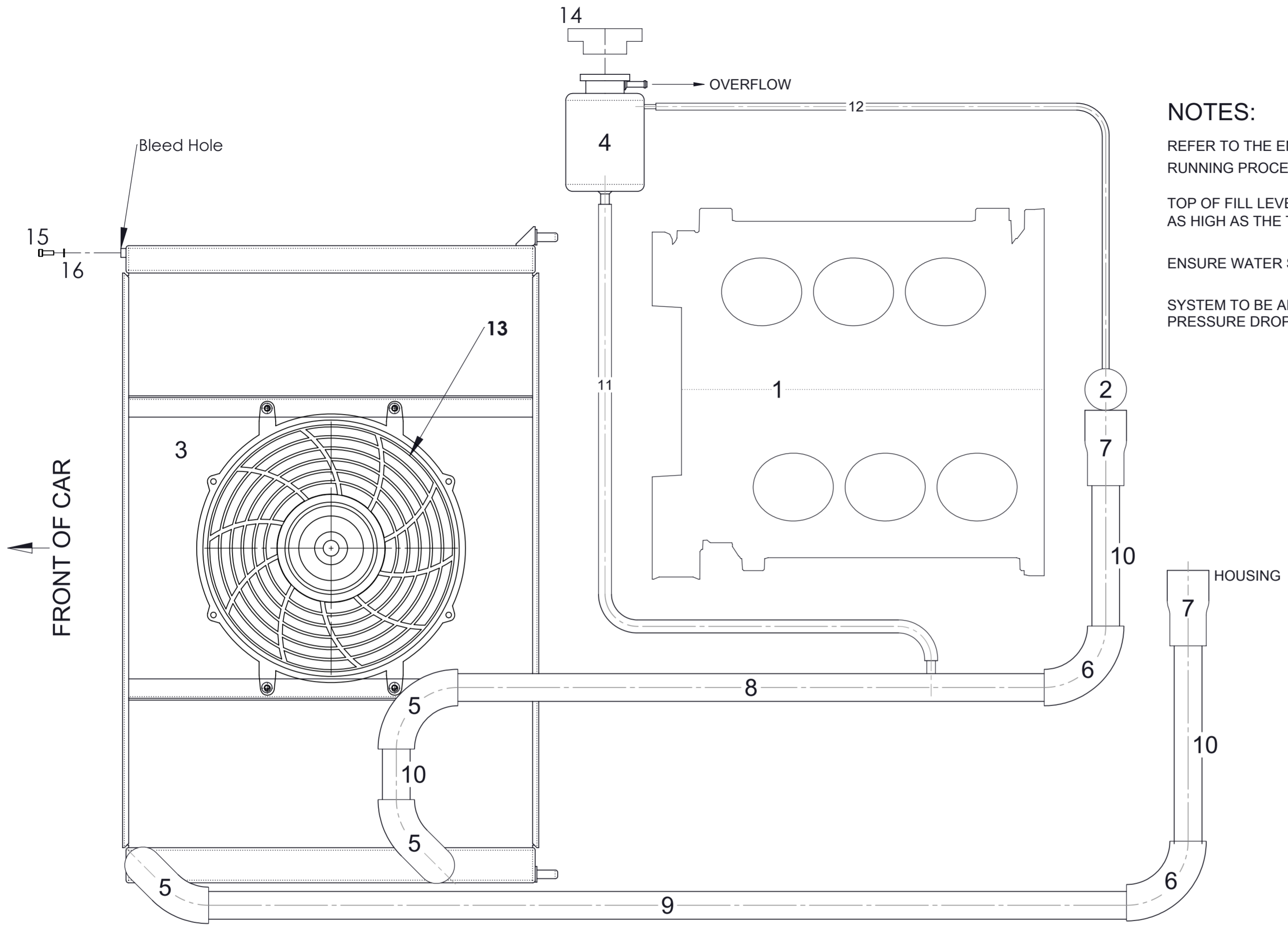
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Tel: 44 (0)1909 515 116 Fax: 44 (0)1909 515 699 www.Ginettacars.com

Ref.	Part	Description	Qty	Grade
1	F0002	Exhaust Manifold RH	1	A
2	F0003	Exhaust Manifold LH	1	A
3	F0007	Exhaust Front Pipe RH	1	A
4	F0006	Exhaust Front Pipe LH	1	A
5	F0001	Catalytic Converter	2	A
6	F0005	Exhaust Centre Pipe RH	1	A
7	F0004	Exhaust Centre Pipe LH	1	A
8	F0008	Exhaust Rear Box	1	A

Part #: X0036
Ginetta G50 Exhaust System



REV.	MODIFICATION	DRAWN	CHECKED	DATE
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NOTES:

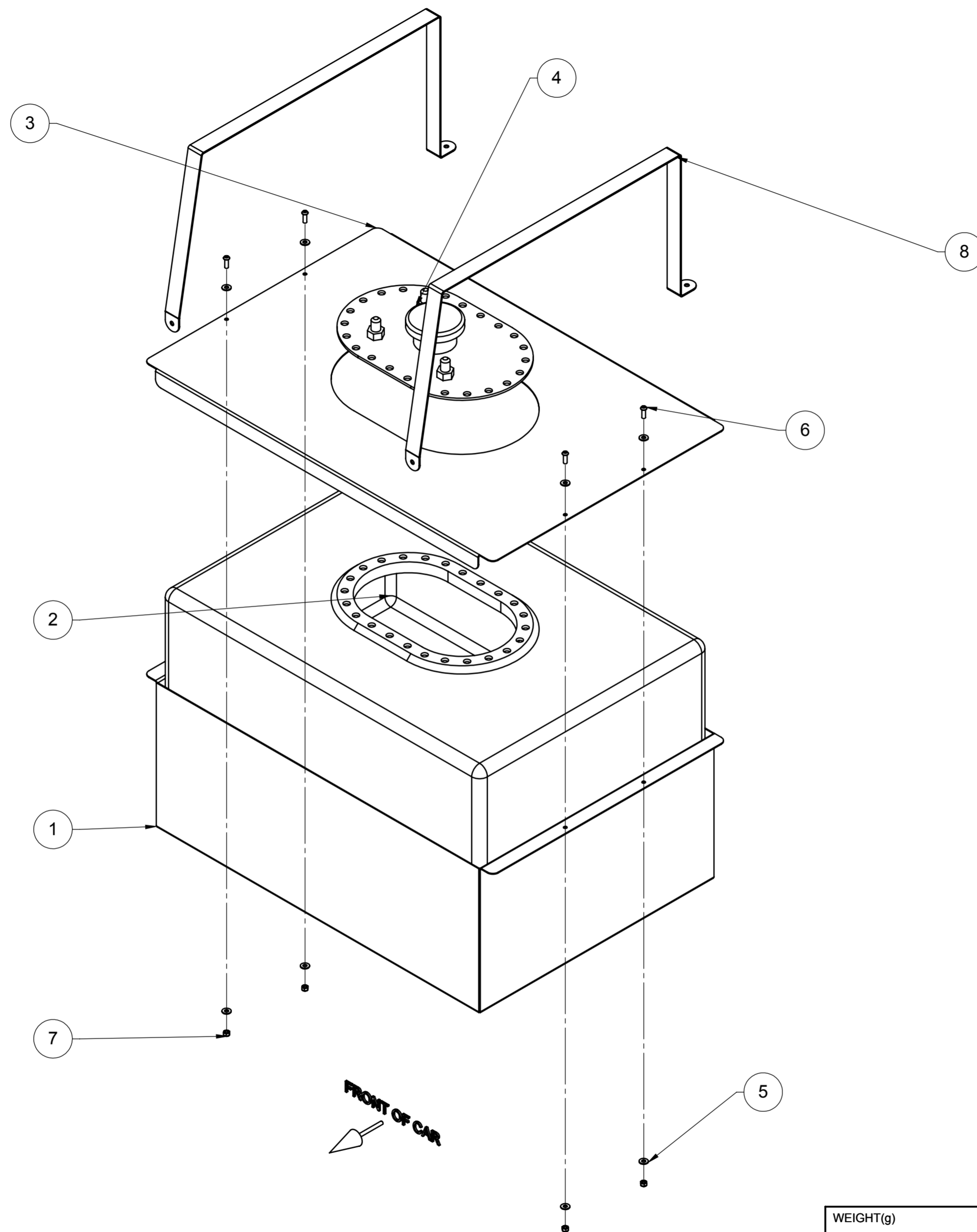
- REFER TO THE ENGINE INSTALLATION AND OPERATING MANUAL FOR ENGINE RUNNING PROCEDURE AND TEMPERATURES RELATING TO THE COOLING SYSTEM.
- TOP OF FILL LEVEL TO BE AS HIGH AS POSSIBLE IN THE CAR AND AT LEAST AS HIGH AS THE TOP OF THE ENGINE CAM COVERS.
- ENSURE WATER SYSTEM BENDS ARE NOT RESTRICTED IN FLOW AREA.
- SYSTEM TO BE ARRANGED WITH THE MINIMUM NUMBER OF BENDS TO MINIMISE PRESSURE DROP.

Ref	Φ	Description	Part	Qty.
1	A	ENGINE	-	1
2	A	STAT - SUPPLIED WITH ENGINE	-	1
3	A	WATER RADIATOR	P0001	1
4	A	WATER HEADER TANK	P0003	1
5	B	HOSE - 45 DEGREE BEND	-	3
6	B	HOSE - 90 DEGREE BEND	-	2
7	B	HOSE - Ø38/Ø32 REDUCER	-	2
8	A	GINETTA PIPE - WITH TEE	-	1
9	A	GINETTA PIPE - PLAIN	-	1
10	A	Ø32 ALUMINIUM PIPE	-	-
11	B	Ø15mm HOSE	-	1
12	B	Ø8mm HOSE	-	-
13	A	RADIATOR FAN	P0005	1
14	A	RADIATOR CAP	P0006	1
15	B	M6X12 CAP HEAD BOLT	-	1
16	B	M6 WASHER	-	1


MATERIAL	N/A	WEIGHT(g)		COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE:	UNLESS STATED	THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	DATE	31/1/08	COOLING SYSTEM SCHEMATIC	2
REMOVE ALL BURRS AND SHARP EDGES		LINEAR	±0.1mm	ANGULAR	APPROVED	ML	SCALE	N/A
							A2	SHEET 1 OF 1
							DRG. NO.	X0014
							REV.	



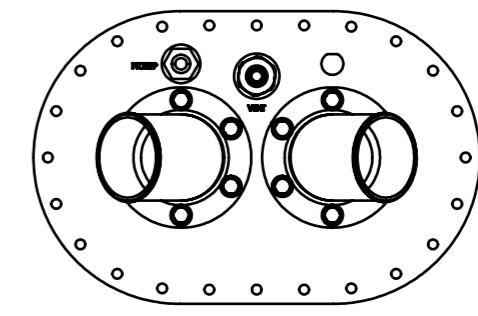
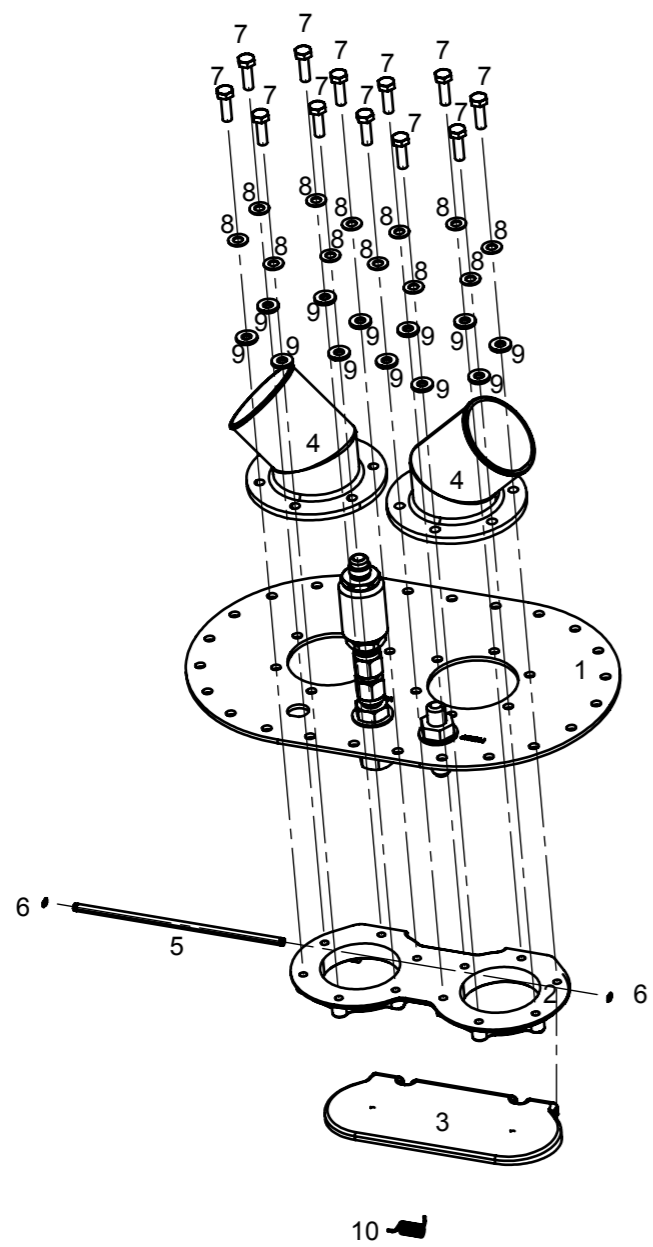
REV.	1	2	3	4	5	6	7	8	9	10	11	12
	MODIFICATION	DRAWN	CHECKED	DATE								



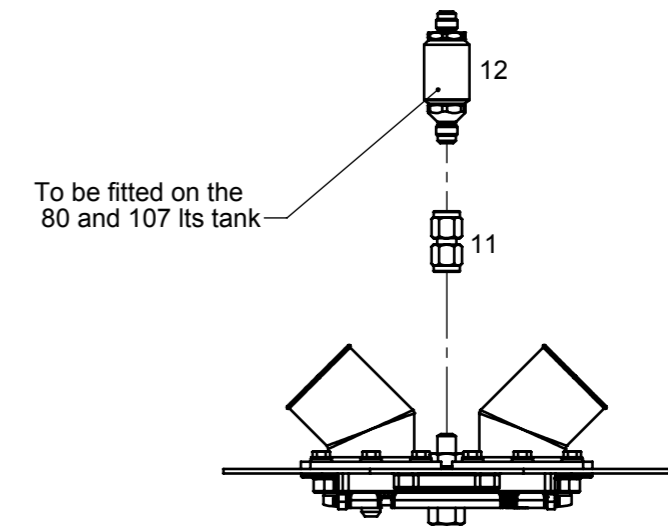
REF.	PART	DESCRIPTION	QTY.	Grade
1	M0001	Fuel Cell Box-Main Body	1	A
2	M0003	60 Lts Fuel Cell With Internal Parts	1	A
3	M0014	Fuel Cell Box -Lid	1	A
4	-	Fuel Cell Flange	1	A
5	-	M5 washer	8	C
6	-	M5 x 15 button head	4	C
7	-	M5 nyloc	4	C
8	M0013	Tank Strap	2	A

WEIGHT(g)	MATERIAL	SEE COMPONENT DRAWINGS		COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LINT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.		
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH	SEE COMPONENT DRAWINGS REMOVE ALL BURRS AND SHARP EDGES		PROJECTION THIRD ANGLE	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	
DRAWN ML	DATE 11/02/2008	DESCRIPTION 60 LTS FUEL CELL EXPLDOED ASSEMBLY		QUANTITY PER CAR: 1		
APPROVED CTB	SCALE 1:10	A2	SHEET 1 OF 1	DRG. NO. X0022		REV.

REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

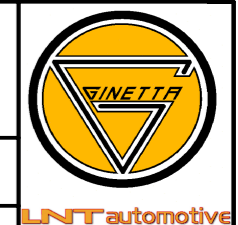


Ref.	Description	Part	Qty	Grade
1	Top Plate	M0066	1	A
2	Fuel Flapper Body	M0051	1	A
3	Fuel Flapper Lid	M0052	1	A
4	Filler Neck 45 deg	-	2	A
5	Flapper Hinge Pin	M0067	1	A
6	Hinge Pin Circlip	M0068	2	A
7	M6x20 Hex Head Bolt	-	12	C
8	M6 Plain Washer	-	12	C
9	Nylon Washer 6mm Hole	-	12	A
10	Flapper Spring	-	1	A
11	-6 Female Female Adaptor	-	1	A
12	FIA Inversion Valve	M0053	1	A



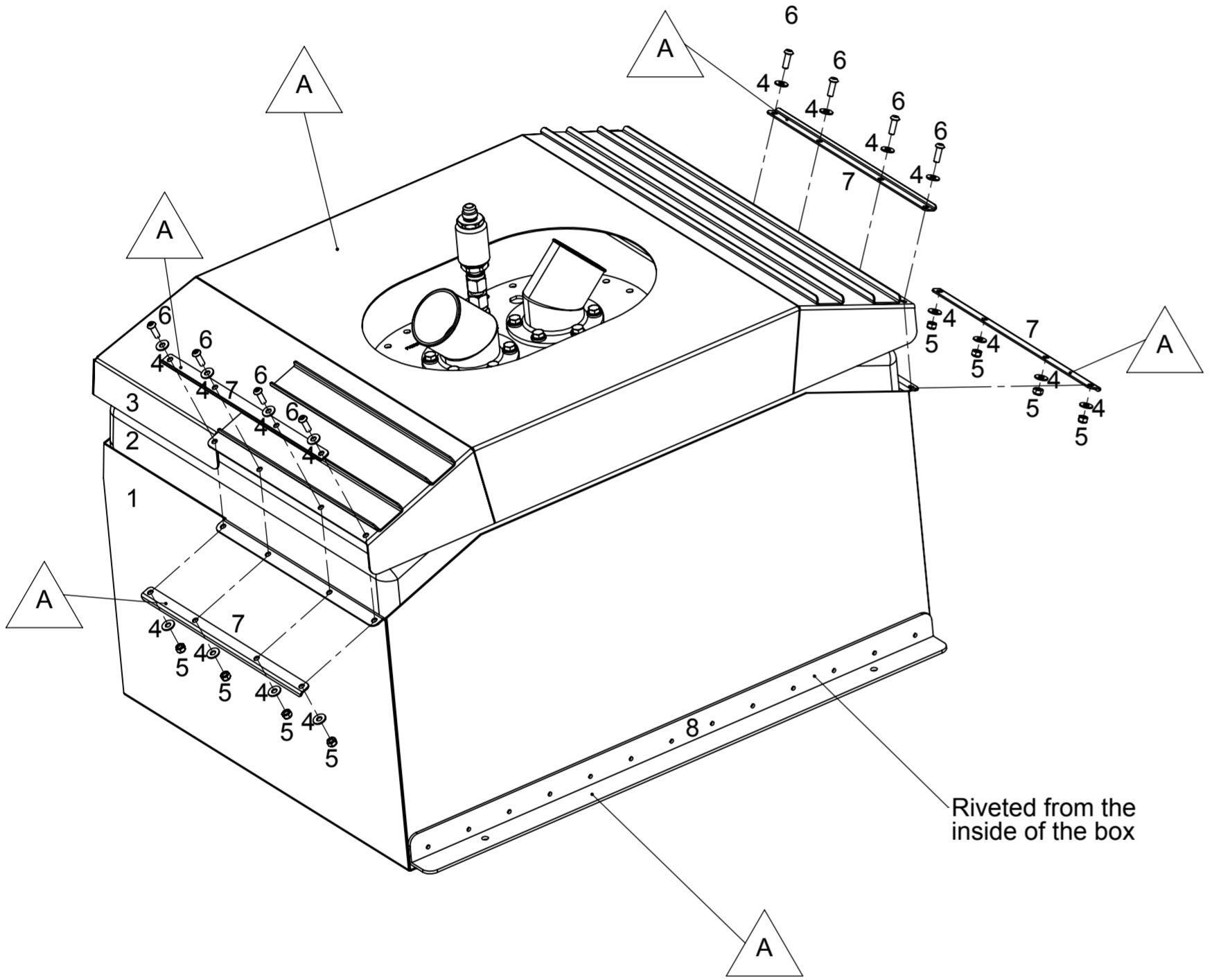
WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN ML	DESCRIPTION X0057 Flapper Valve Assy		QUANTITY PER CAR: -
DATE 28/11/2008			
APPROVED ML	SCALE 1:10	A3	SHEET 1 OF 1
	DRG. NO. X0057	REV.	

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REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	Reinforced steel lid, side straps & back angle	ML	ML	27/11/2008

Step One Assemble Fuel Cell

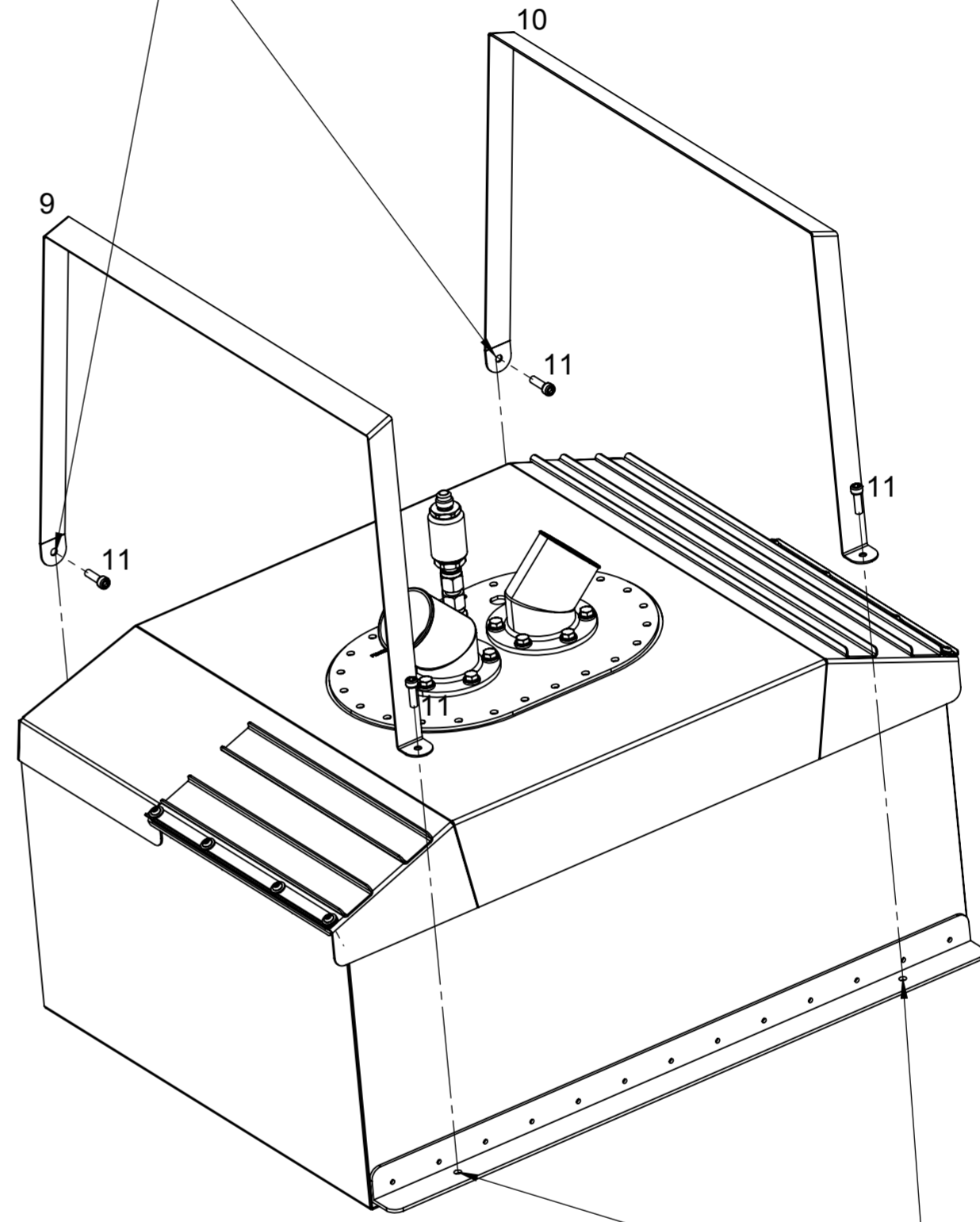


Riveted from the inside of the box

Ref.	Description	Part	Qty	Grade
1	80 lts Fuel Cell Box	M0016	1	A
2	80 lts Fuel Cell Top	M0017	1	A
3	80 lts Fuel Cell Including Internals	M0021	1	A
4	M5 Washer	-	16	C
5	M5 Nyloc Nut	-	8	C
6	M5x16 Button Head Bolt	-	8	C
7	Side Strap FIA	M0070	4	A
8	Tank Back Angle BKT	M0073	1	A

Step Two Mount In Chassis

Attached on the chassis



Attached on the chassis

Ref.	Description	Part	Qty	Grade
9	80 lts Strap LH	M0019	1	A
10	80 lts Strap LH	M0020	1	A
11	M6x20 Socket Cap Head Bolt	-	4	C

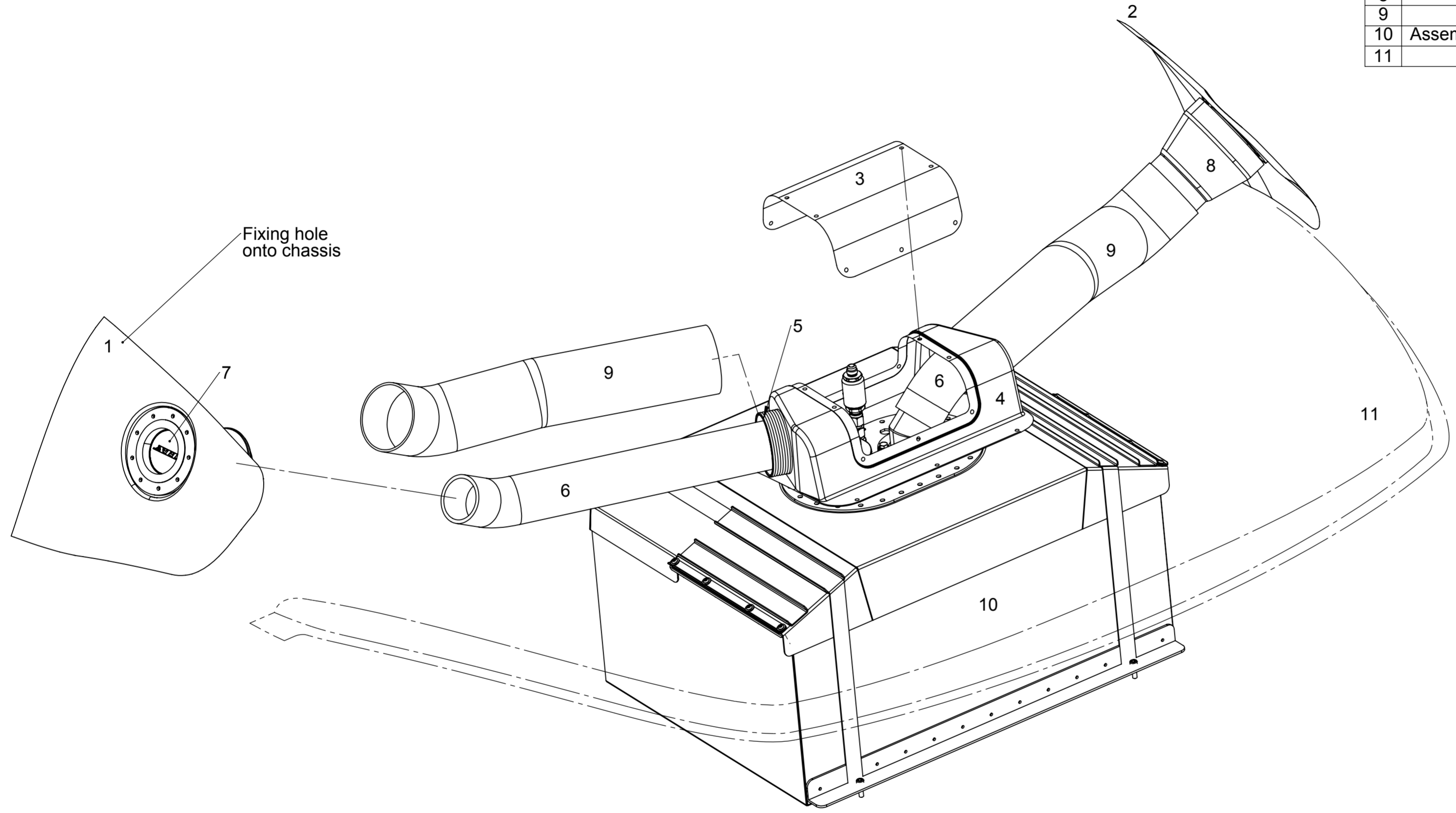
WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LINT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	
DRAWN CTB	DESCRIPTION X0016	PROJECTION <small>THIRD ANGLE</small>
DATE 9/02/2008		
APPROVED ML	SCALE 1:5 A2 SHEET 1 OF 2 DRG. NO. X0016	DO NOT SCALE <small>IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES</small>
		QUANTITY PER CAR:
		REV. A



REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	See Sheet 1	ML	ML	26/11/2008

Step Three Final Assembly

Ref	Description	Part	Qty	Grade
1	Side Window With Filler Neck Recess LH	B0073	1	B
2	Side Window With Filler Neck Recess RH	B0074	1	B
3	Fuel Cell Cover 80 lts Top	B0075	1	B
4	Fuel Cell Cover 80 lts Bottom	B0076	1	B
5	3.5" Adaptor Flange	M0028	2	A
6	Flexi light 2 1/4 " fuel hose	M0033	2	A
7	Dry Break Valve	M0030	2	A
8	Filler Neck	M0031	2	A
9	3.5 inch fire guard	M0032	2	A
10	Assembled Fuel Cell (See X0016 Step 1)	-	1	A
11	Parcel Shelf Rear	B0069	1	B

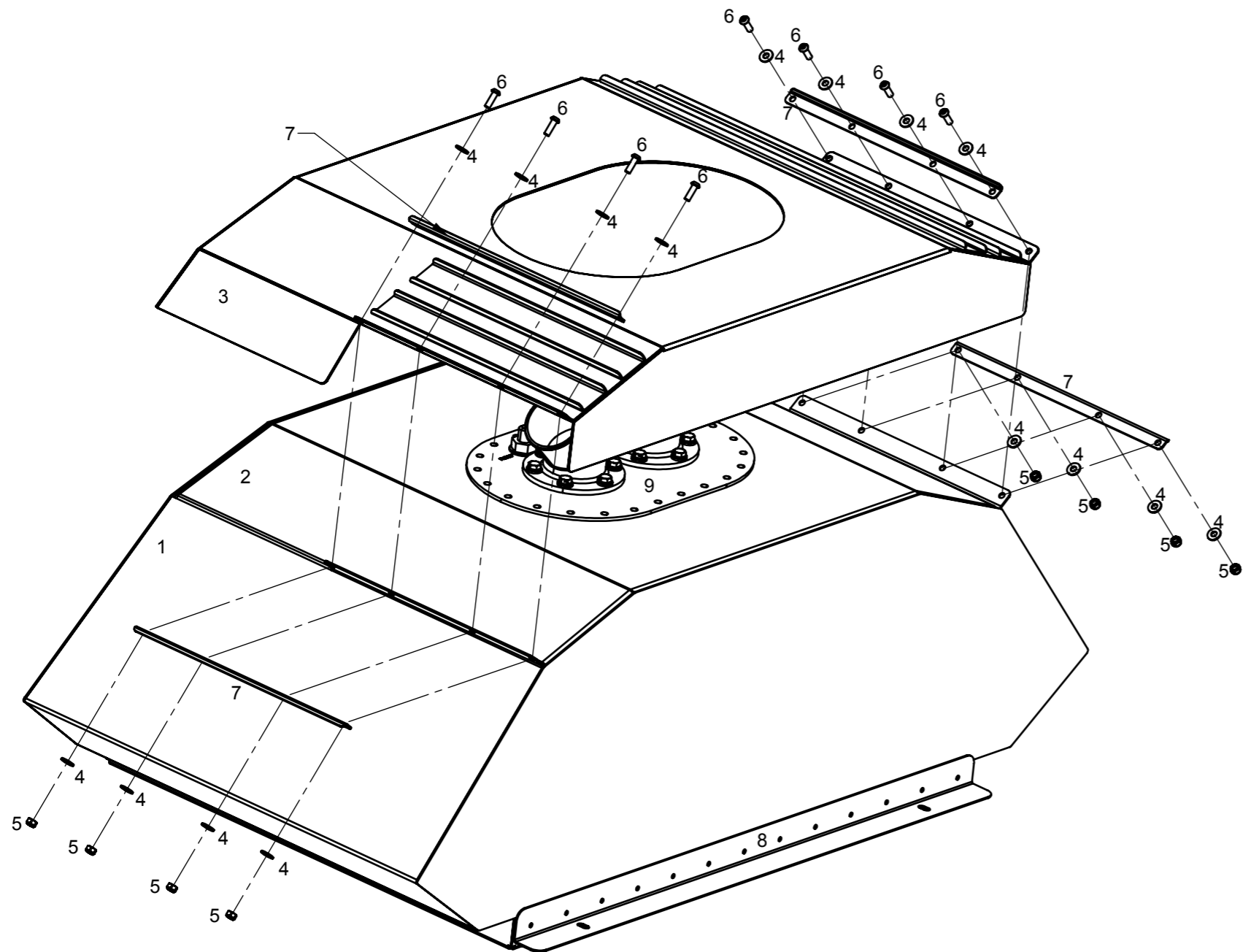


Fixing hole
onto chassis

WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN ML	DESCRIPTION	QUANTITY PER CAR:	
DATE 10/02/2008	X0016-A 80 lts Fuel Cell Exploded Assy	N/A	
APPROVED ML	SCALE 1:5 A2 SHEET 2 OF 2 DRG. NO. X0016	REV. A	



REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

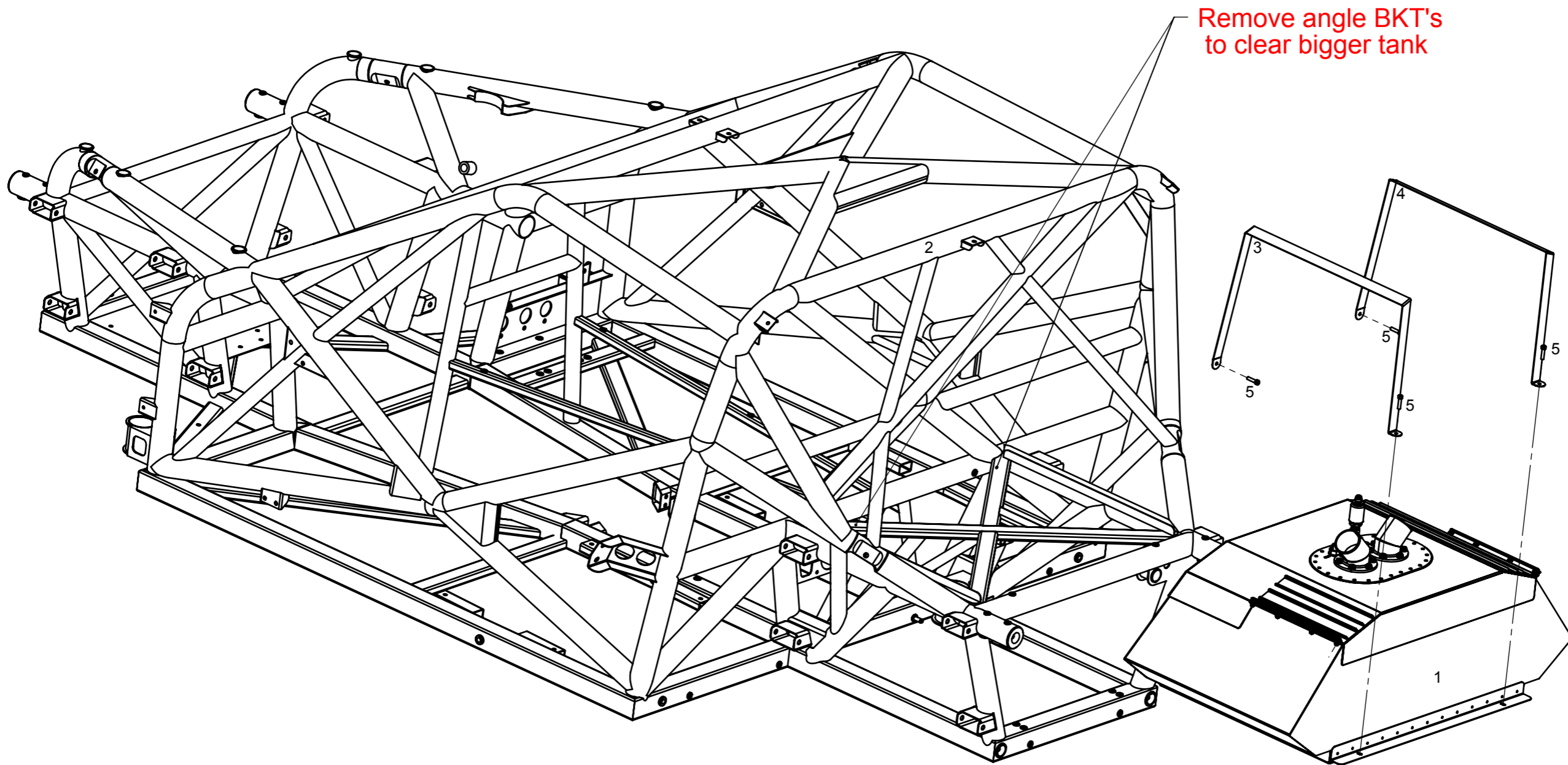


Ref	Description	Part	Qty	Grade
1	107 lts Tank Box	M0076	1	A
2	107 lts Bag Tank	M0075	1	A
3	107 lts Tank Lid	M0077	1	A
4	M5 Washer	-	16	C
5	M5 Nyloc Nut	-	8	C
6	M5x16 Button Head Bolt	-	8	C
7	Side Strap FIA	M0070	4	A
8	Tank Back Angle BKT	M0073	1	A
9	Flapper Valve Assy	-	1	A

WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.			
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES		
DRAWN ML	DESCRIPTION X0058 107 Lts Tank Assy		QUANTITY PER CAR: -		
DATE 01/12/2008					
APPROVED ML	SCALE N/A	A3		SHEET 1 OF 2	DRG. NO. X0058

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REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				



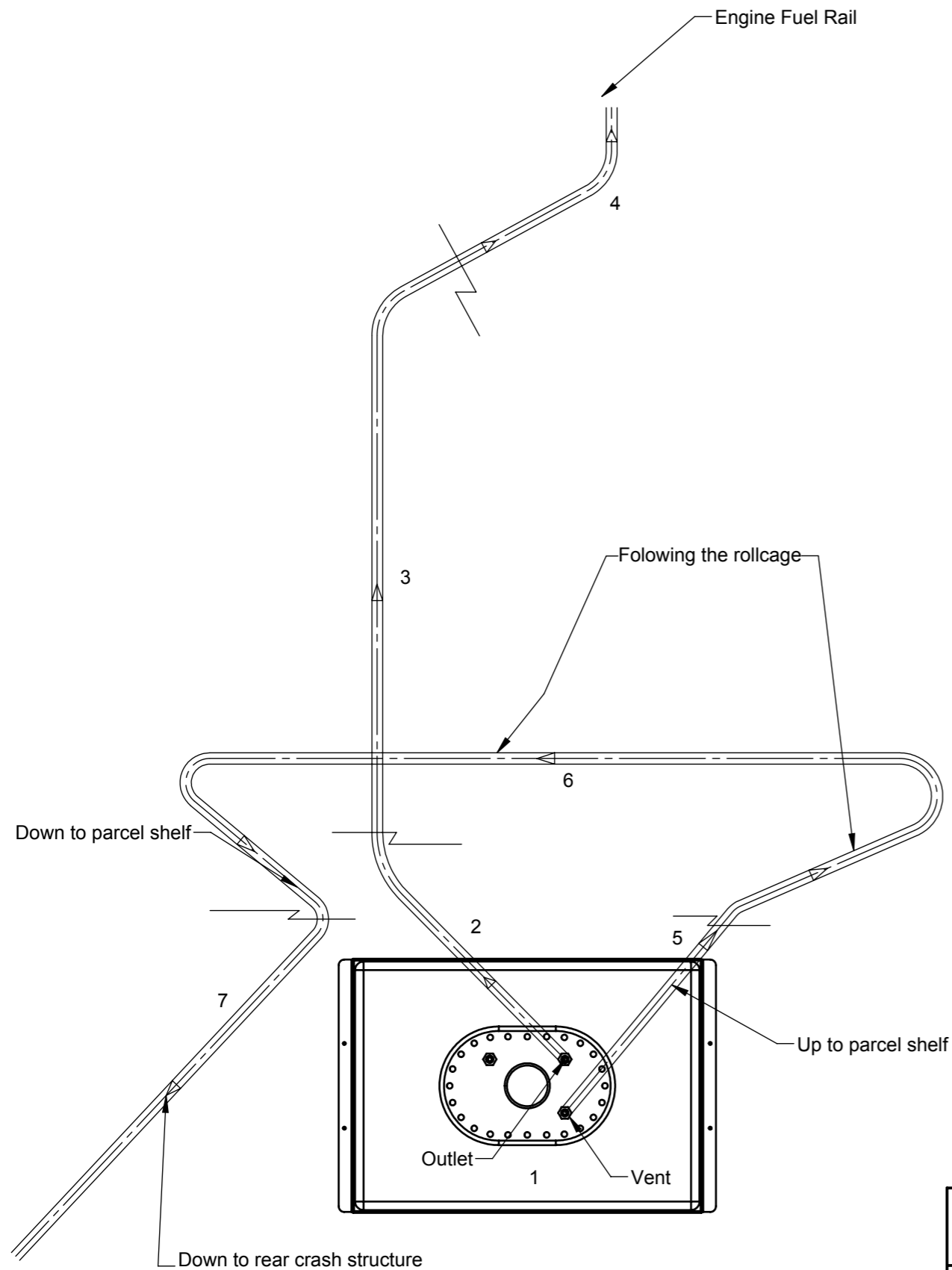
Ref	Description	Part	Qty	Grade
1	107 Tank Assembled	-	1	A
2	Chassis	-	1	A
3	80 lts Tank Strap LH	M0019	1	A
4	80 lts Tank Strap RH	M0020	1	A
5	M6x25 Cap Head Bolt	-	4	C

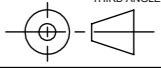
WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN ML	DESCRIPTION	QUANTITY PER CAR:	
DATE 01/12/2008	X0058 107 lts Tank Assy	REV.	
APPROVED ML	SCALE N/A	A3	SHEET 2 OF 2
	DRG. NO. X0058		

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REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

Ref	Part	Description	Qty	Grade
1	M0003	60 lts Fuel Cell	1	A
2	M0025	Hose pumpto bulkhead 90/45 350 mm	1	A
3	M0026	Hose through cockpit fuel 90/90 2300 mm	1	A
4	M0027	Hose eng bay fuel ST 700 mm	1	A
5	M0044	dash 6hose 90/90 240 mm	1	A
6	M0043	Dash 6hose 45/st 1.22m	1	A
7	M0046	Drain Hose	1	A



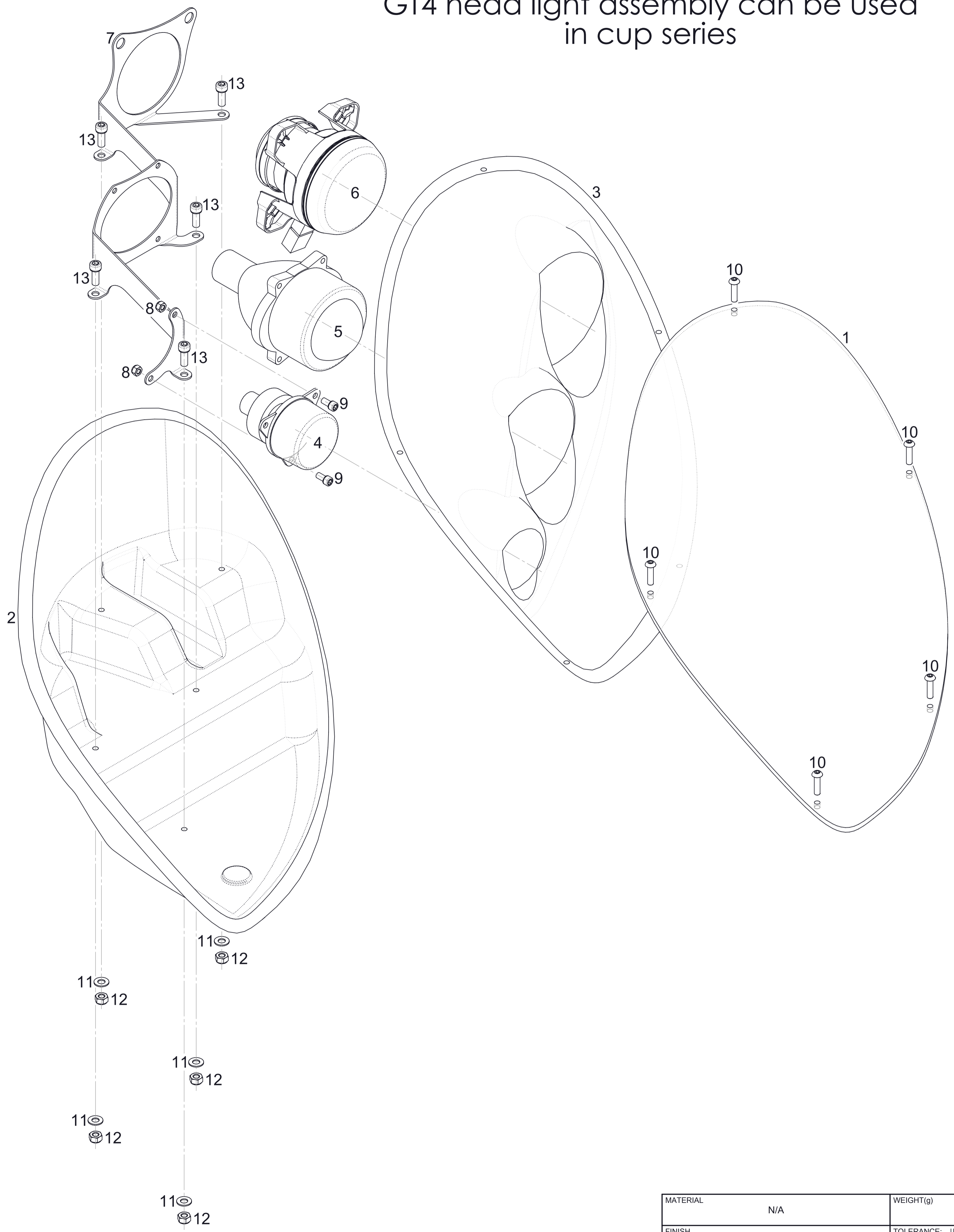
WEIGHT(g)		MATERIAL N/A		COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°		FINISH N/A REMOVE ALL BURRS AND SHARP EDGES		PROJECTION THIRD ANGLE 	
DRAWN ML		DESCRIPTION X0044 Fuel Line Schematic		QUANTITY PER CAR: N/A	
DATE 24/04/2008				REV.	
APPROVED ML		SCALE N/A	A3	SHEET 1 OF 1	DRG. NO. X0044

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LNT automotive

GT4 head light assembly can be used in cup series



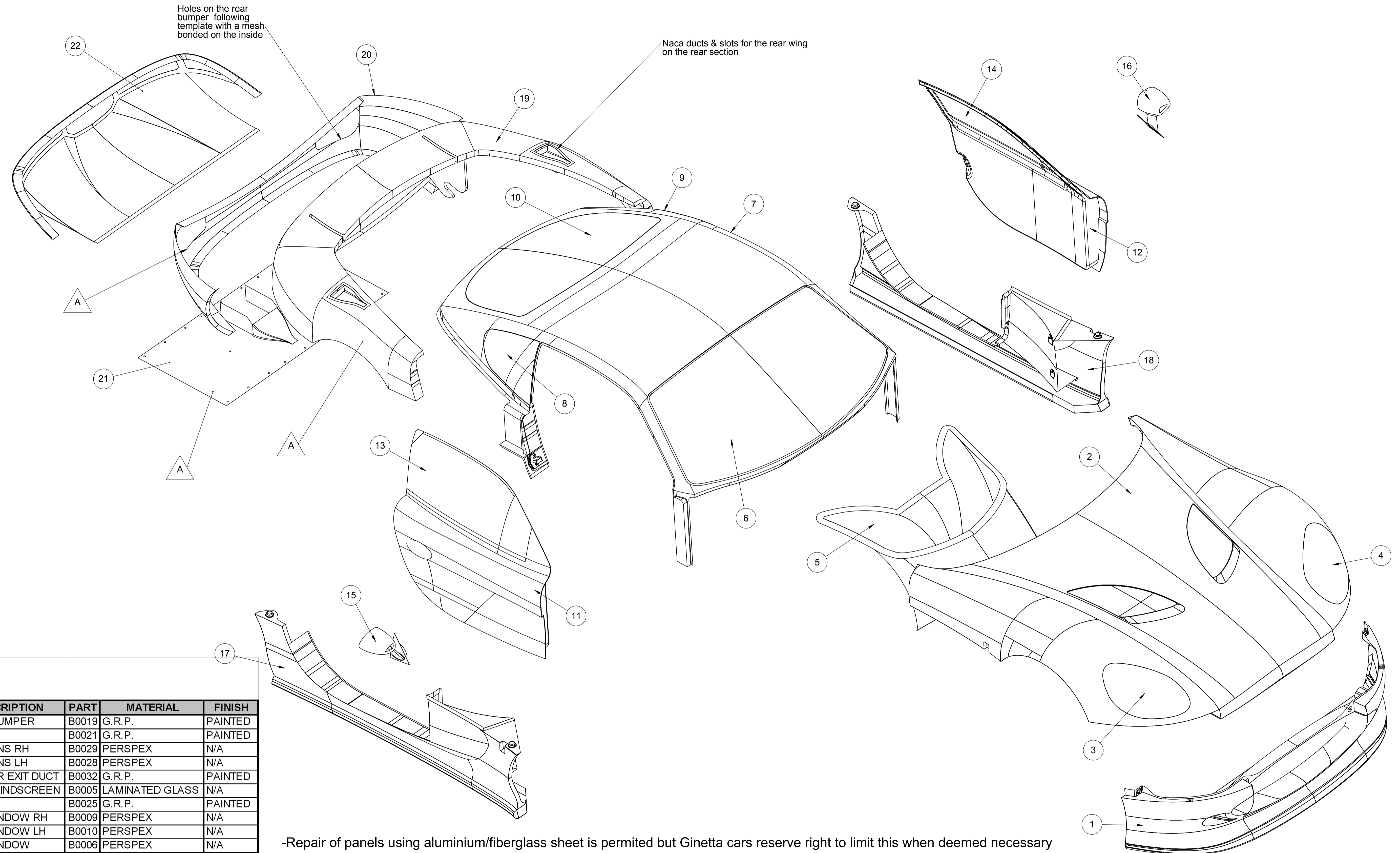
QUANTITIES HERE LISTED RELATE TO LEFT-HAND ASSEMBLY ONLY.
 PART NUMBERS SUFFIXED "L" DENOTE LEFT-HAND VERSIONS,
 ASSUME SAME PART NUMBER WITH "R" SUFFIX FOR RIGHT-HAND
 SIDE OF CAR UNLESS OTHERWISE STATED.
 DOUBLE QUANTITIES OF UN-HANDED PARTS TO CALCULATE FULL
 CAR REQUIREMENTS.

REF.	GRADE	DESCRIPTION	PART	QTY.	TORQUE FT. LBs
1		LIGHT LENS L/H (PART No B0029 FOR R/H VERSION)	B0028	1	-
2		LIGHT POD L/H (PART No B0031 FOR R/H VERSION)	B0030	1	-
3		LIGHT POD COVER L/H (PART No B0053 FOR R/H VERSION)	B0052	1	-
4		FRONT INDICATOR	L0028	1	-
5		FRONT HEADLIGHT DIP BEAM	L0029	1	-
6		FRONT MAIN HEADLIGHT & SIDE	L0030	1	-
7		LIGHT POD BRACKET L/H	L0047L	1	-
8		M5 NYLOC NUT	-	2	-
9		M5 x 10mm SOCKET CAP HEAD BOLT	-	2	-
10		M5 x 16mm SOCKET BUTTON HEAD BOLT	-	5	-
11		M6 PLAIN WASHER	-	5	-
12		M6 NYLOC NUT	-	5	-
13		M6 x 16mm SOCKET CAP HEAD BOLT	-	5	-

MATERIAL	N/A	WEIGHT(g)	COPYRIGHT NOTE	DRAWN	CTB	DESCRIPTION	QUANTITY PER CAR:
FINISH	N/A	TOLERANCE: UNLESS STATED	PROJECTION	DATE	26/1/08	L/H FRONT HEADLIGHT EXPLODED ASSEMBLY	1 PAIR
REMOVE ALL BURRS AND SHARP EDGES		LINEAR ±0.1mm ANGULAR ±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	APPROVED	ML	SCALE N/A A1 SHEET 1 OF 1 DRG. NO. X0015	REV.



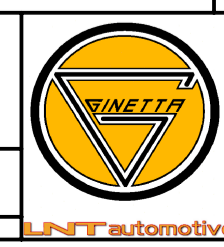
REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	Rear Floor Panel & Rear Bumper holes	ML	ML	24/11/2008



REF.	GRADE	DESCRIPTION	PART	MATERIAL	FINISH
1	A	FRONT BUMPER	B0019	G.R.P.	PAINTED
2	A	BONNET	B0021	G.R.P.	PAINTED
3	A	LIGHT LENS RH	B0029	PERSPEX	N/A
4	A	LIGHT LENS LH	B0028	PERSPEX	N/A
5	A	RADIATOR EXIT DUCT	B0032	G.R.P.	PAINTED
6	A	FRONT WINDSCREEN	B0005	LAMINATED GLASS	N/A
7	A	ROOF	B0025	G.R.P.	PAINTED
8	A	REAR WINDOW RH	B0009	PERSPEX	N/A
9	A	REAR WINDOW LH	B0010	PERSPEX	N/A
10	A	REAR WINDOW	B0006	PERSPEX	N/A
11	A	DOOR LH	B0018	G.R.P.	PAINTED
12	A	DOOR RH	B0017	G.R.P.	PAINTED
13	A	FRONT WINDOW RH	B0007	PERSPEX	N/A
14	A	FRONT WINDOW LH	B0008	PERSPEX	N/A
15	B	AERO MIRROR RH	B0002	G.R.P.	PAINTED
16	B	AERO MIRROR LH	B0003	G.R.P.	PAINTED
17	A	SIDE SILL RH	B0024	G.R.P.	PAINTED
18	A	SIDE SILL LH	B0023	G.R.P.	PAINTED
19	A	REAR SECTION	B0027	G.R.P.	PAINTED
20	A	REAR BUMPER	B0020	G.R.P.	PAINTED
21	A	REAR FLOOR	B0077	G.R.P.	GEL COAT
22	A	REAR DIFFUSOR	B0001	G.R.P.	GEL COAT

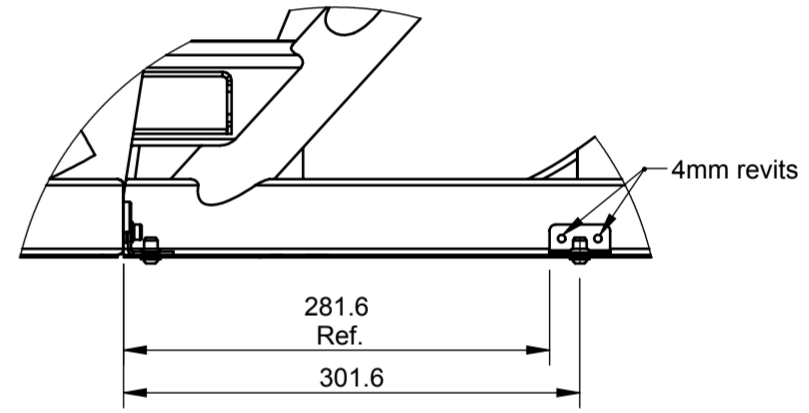
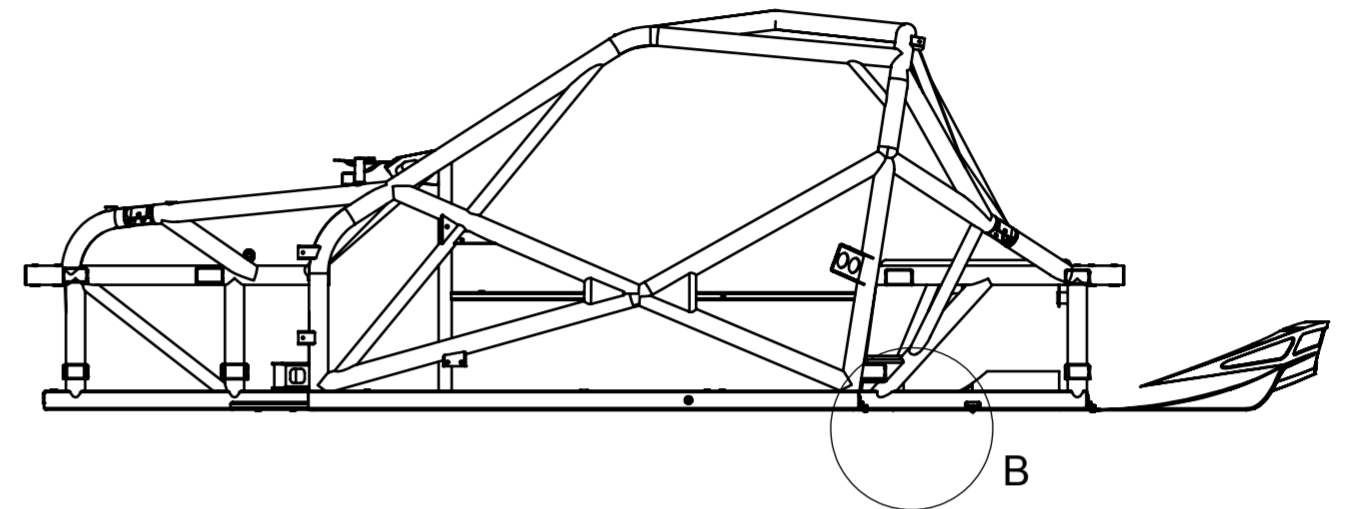
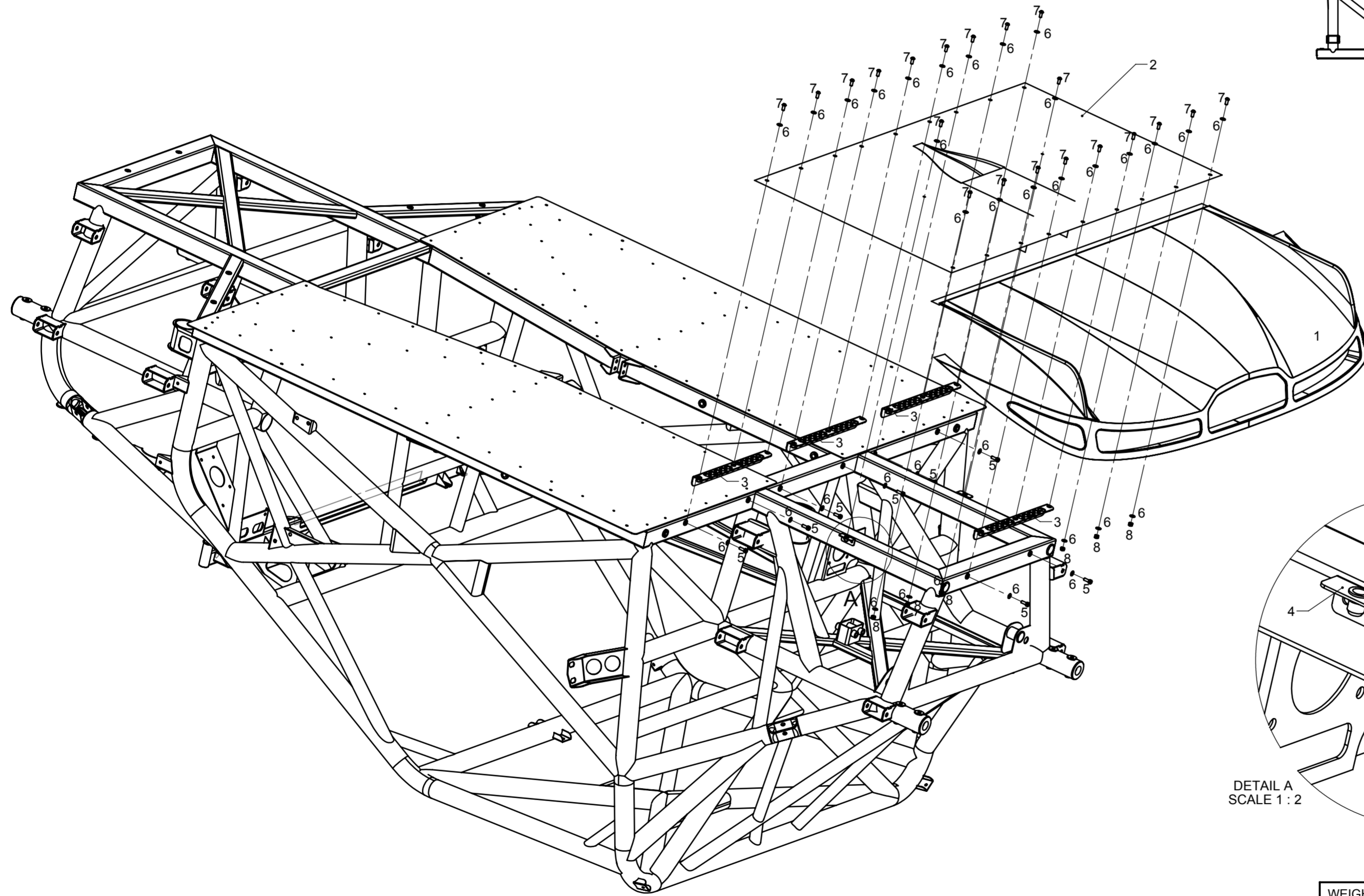
- Repair of panels using aluminium/fiberglass sheet is permitted but Ginetta cars reserve right to limit this when deemed necessary
- Fitting of a NACA duct in the driver's window is permitted for driver cooling
- No extra removals of return permitted
- Up to 50mm holes at either end of underneath of sills is permitted for drainage purposes
- Up to 10mm holes in bottom doors is permitted for drainage purposes
- Panels adjusted to fit
- Hole in the rear window allowed for beacon receiver

MATERIAL	SEE TABLE	WEIGHT(g)	COPYRIGHT NOTE	DRAWN	ML	DESCRIPTION	QUANTITY PER CAR:
FINISH	SEE TABLE	TOLERANCE: UNLESS STATED	PROJECTION	DATE	23/01/2008	BODYWORK EXPLODED ASSEMBLY	1
		LINEAR ±0.1mm ANGULAR ±0.5°	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES	APPROVED	CTB	SCALE 1:10 A1 SHEET 1 OF 1 DRG. NO. X0017	REV. A

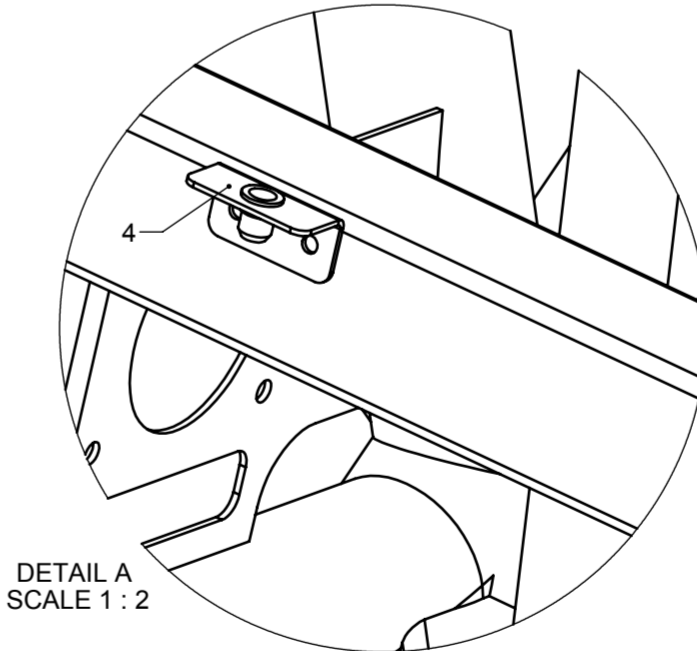


REV.	1	2	3	4	5	6	7	8	9	10	11	12
	MODIFICATION	DRAWN	CHECKED	DATE								

Ref	Description	Part	Qty	Grade
1	Rear Diffuser	B0001	1	A
2	Rear Floor	B0077	1	A
3	Rear Diffusor Braket	B0056	4	A
4	Rear Floor BKT	A0335	2	A
5	M6 x 15 Cap Head Bolt	-	8	C
6	M6 Plain Washer	-	34	C
7	M6x16 Button Head Bolt	-	20	C
8	M6 Nyloc Nut	-	6	C



DETAIL B
SCALE 1 : 5

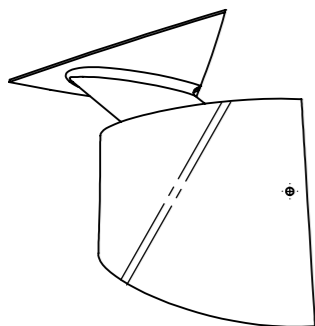
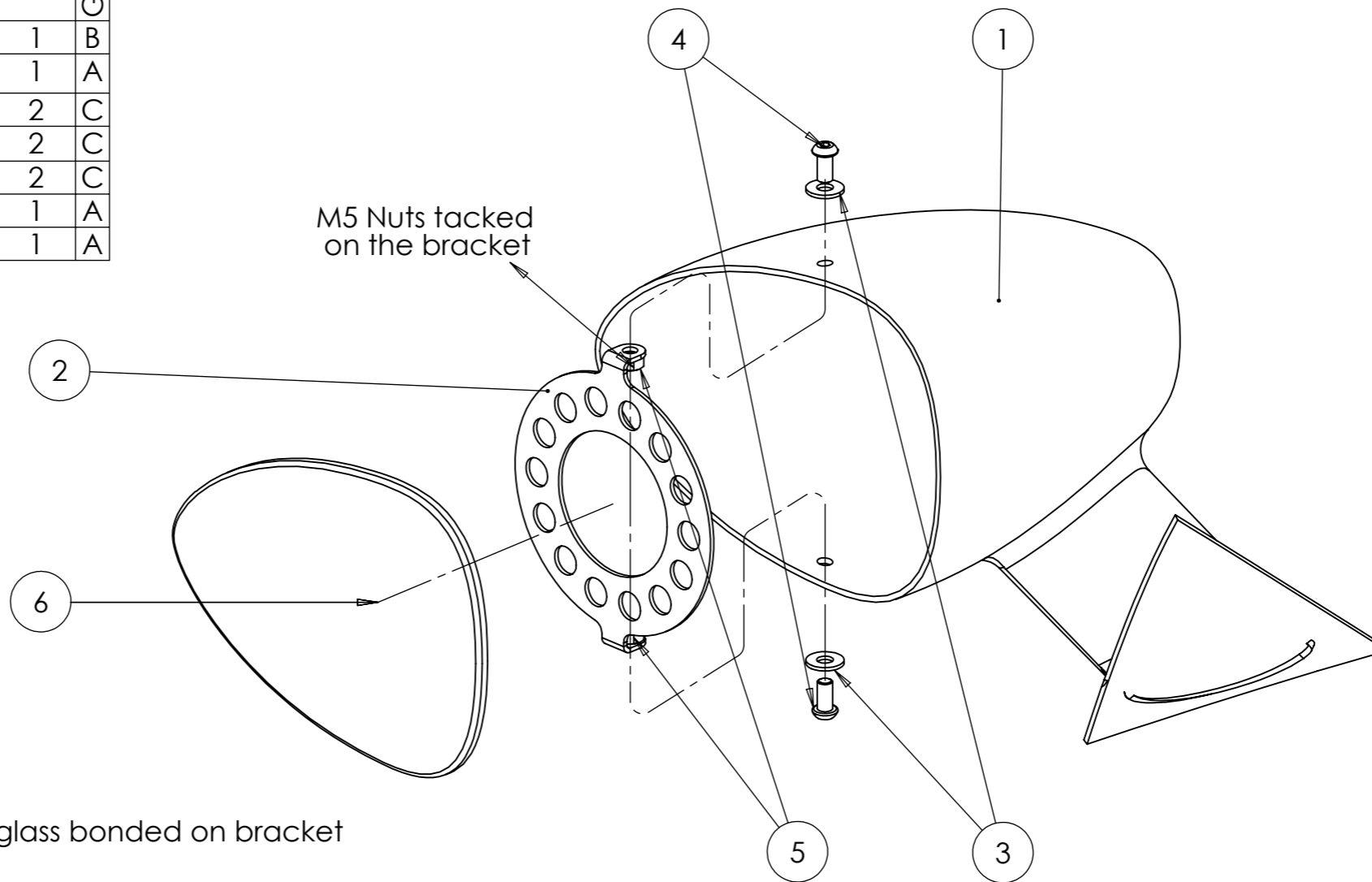


DETAIL A
SCALE 1 : 2

WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN ML	DESCRIPTION X0055 Rear Floor Assy	QUANTITY PER CAR:	
DATE 20/11/2008	SCALE 1:20	A2	
APPROVED ML	SHEET 1 OF 1	DRG. NO. X0055	
		REV.	

REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

Ref.	PART	DESCRIPTION	QTY.	Grade
1	B0003	Aero Mirror LH	1	B
2	B0071	Wing Mirror Glass Mounting Bracket	1	A
3	-	M5 washer	2	C
4	-	M5 x 10 button head	2	C
5	-	M5 NUT	2	C
6	B0078	3mm Mirror (LH/RH)	1	A
7	B0002	Aero Mirror RH	1	A



Aero Mirror (B0002/ B0003) LH/RH may be blanked internally to allow air to duct into the cockpit but must retain 5mm bleed hole

WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN ML	DESCRIPTION	QUANTITY PER CAR:	
DATE 30/03/2008	X0034 Mirror Assy		
APPROVED ML	SCALE N/A	REV.	
	A3	SHEET 1 OF 1	DRG. NO. X0034

Part #: X0037
 Ginetta G50 Door Assembly

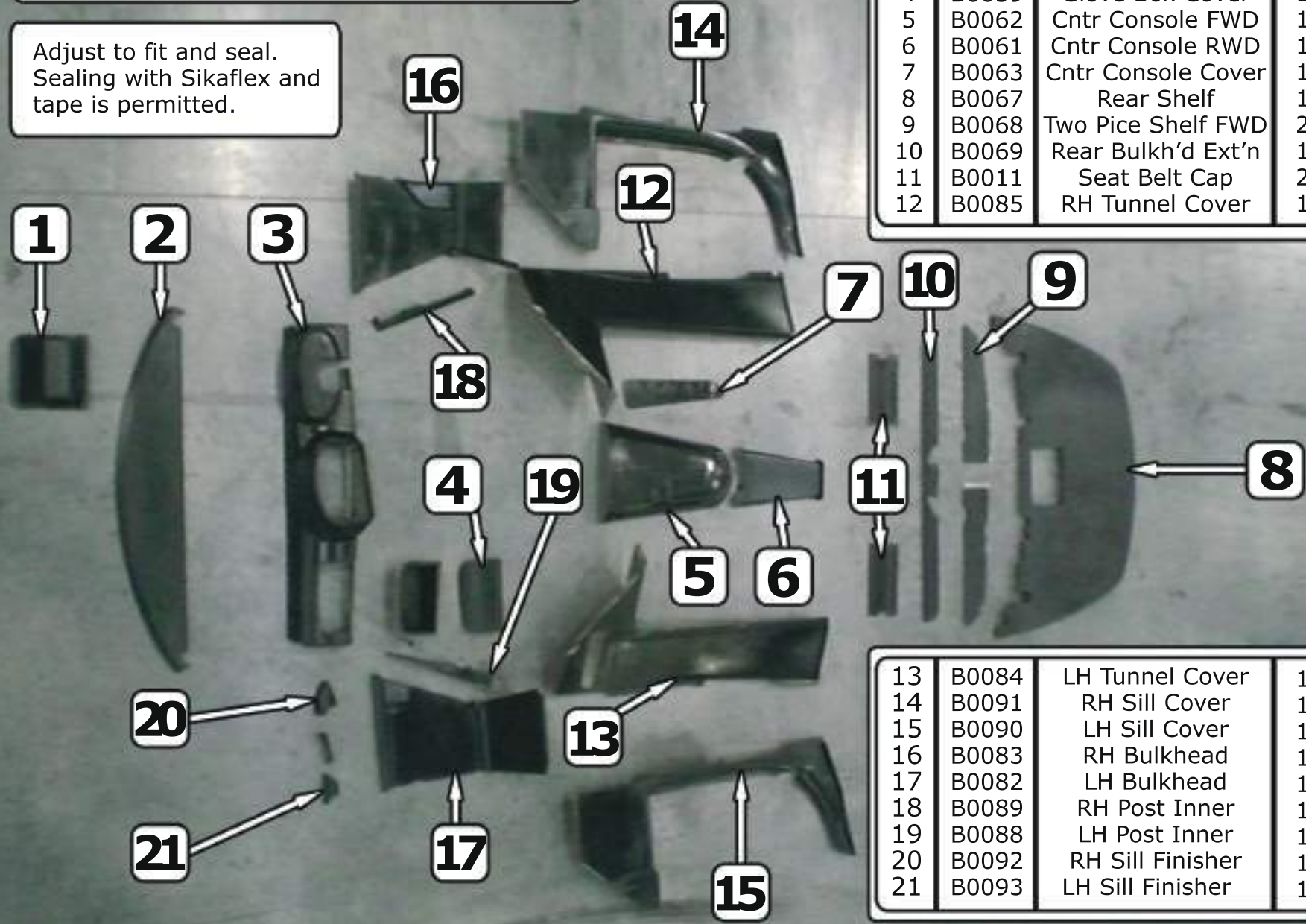
Ref.	Part	Description	Qty	Grade
1	B0036	Door Handle Outer LH	1	A
	B0035	Door Handle Outer RH	1	A
2	B0041	Door BKT Outer	2	A
3	B0040	Pull Rod LH	1	A
	B0039	Pull Rod RH	1	A
4	B0042	Adjuster Nut	2	A
5	B0038	Door Lock LH	1	A
	B0037	Door Lock RH	1	A
6	B0034	Stryker Assy	2	A
7	B0015	Door Hinge Upper LH	1	A
	B0016	Door Hinge Upper RH	1	A
8	B0013	Door Hinge Lower LH	1	A
	B0014	Door Hinge Lower RH	1	A



Part #: X0038
Ginetta G50 Internal Panels

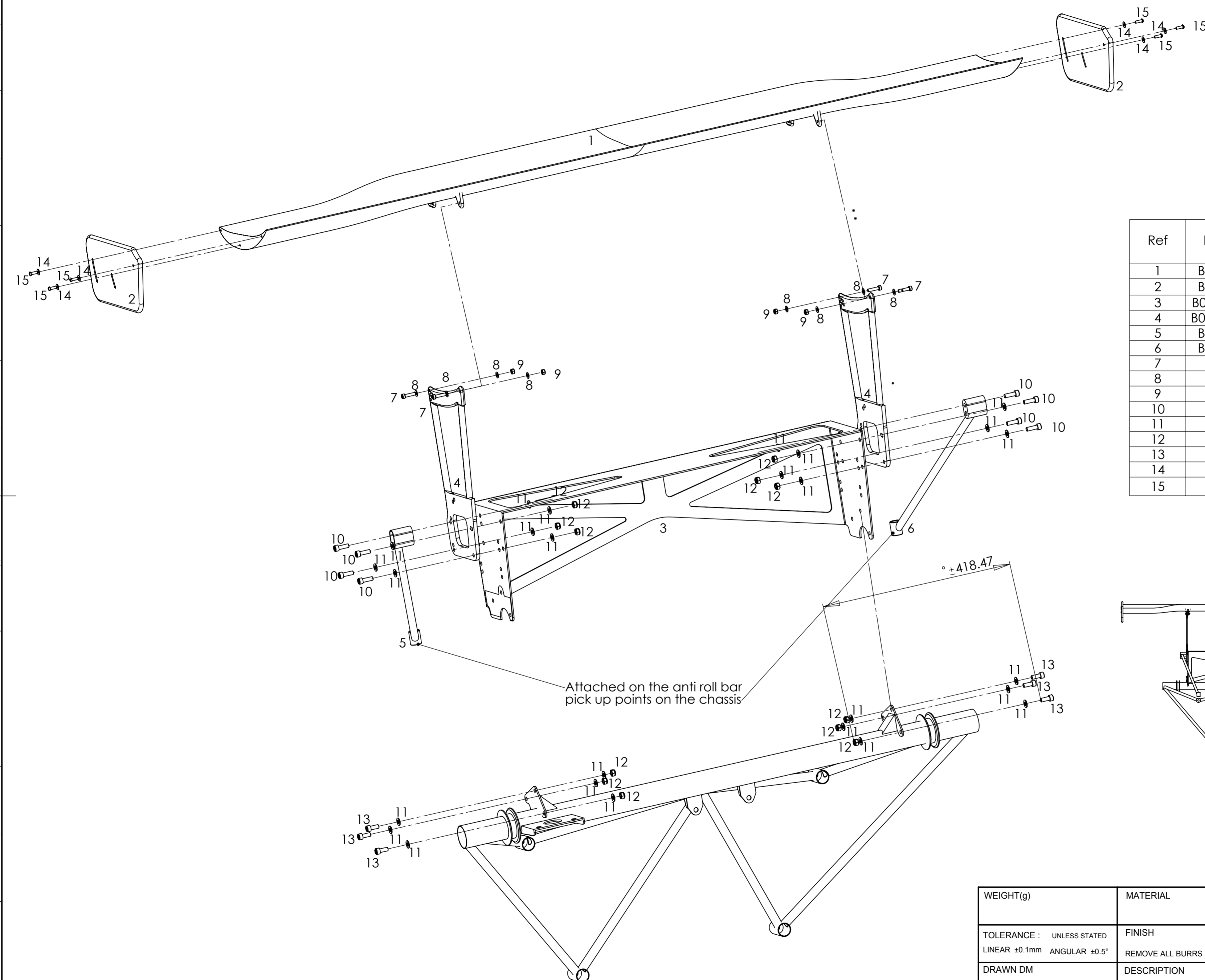
Adjust to fit and seal.
 Sealing with Sikaflex and
 tape is permitted.

Ref.	Part	Description	Qty	Grade
1	B0106	St Colun Sill	1	B
2	B0057	Dash Top	1	B
3	B0058	Dashboard	1	B
4	B0059	Glove Box Cover	1	B
5	B0062	Cntr Console FWD	1	B
6	B0061	Cntr Console RWD	1	B
7	B0063	Cntr Console Cover	1	B
8	B0067	Rear Shelf	1	B
9	B0068	Two Pice Shelf FWD	2	B
10	B0069	Rear Bulkh'd Ext'n	1	B
11	B0011	Seat Belt Cap	2	B
12	B0085	RH Tunnel Cover	1	B



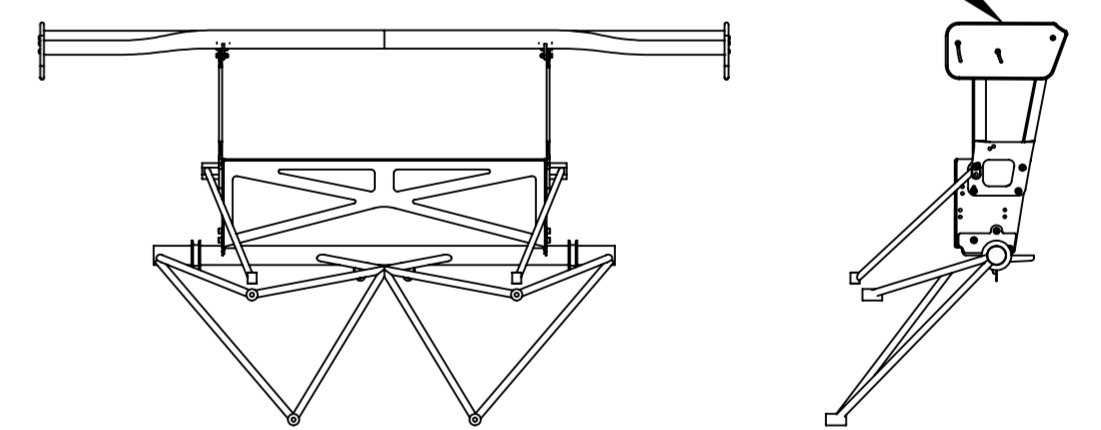
13	B0084	LH Tunnel Cover	1	B
14	B0091	RH Sill Cover	1	B
15	B0090	LH Sill Cover	1	B
16	B0083	RH Bulkhead	1	B
17	B0082	LH Bulkhead	1	B
18	B0089	RH Post Inner	1	B
19	B0088	LH Post Inner	1	B
20	B0092	RH Sill Finisher	1	B
21	B0093	LH Sill Finisher	1	B

REV.	MODIFICATION	DRAWN	CHECKED	DATE
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Ref	Part	Description	Quantity	Grade
1	B0115	REAR WING	1	A
2	B0116	REAR WING END PLATE	2	A
3	B0117-B	WING BRKT LWR	1	A
4	B0118-A	WING BRKT UPPER	2	A
5	B0120	WING STAY LH	1	A
6	B0121	WING STAY RH	1	A
7	-	M6 X 25 CAP HEAD	4	C
8	-	M6 AN WASHER	8	C
9	-	M6 NYLOC	4	C
10	-	M8 X 25 CAP HEAD	8	C
11	-	M8 WASHER	20	C
12	-	M8 NYLOC	14	C
13	-	M8 X 20 CAP HEAD	6	C
14	-	M5 WASHER	6	C
15	-	M5 X 20 BUTTON HEAD	6	C

-End plates must be level with horizontal ground plane $\pm 1^\circ$ at all times



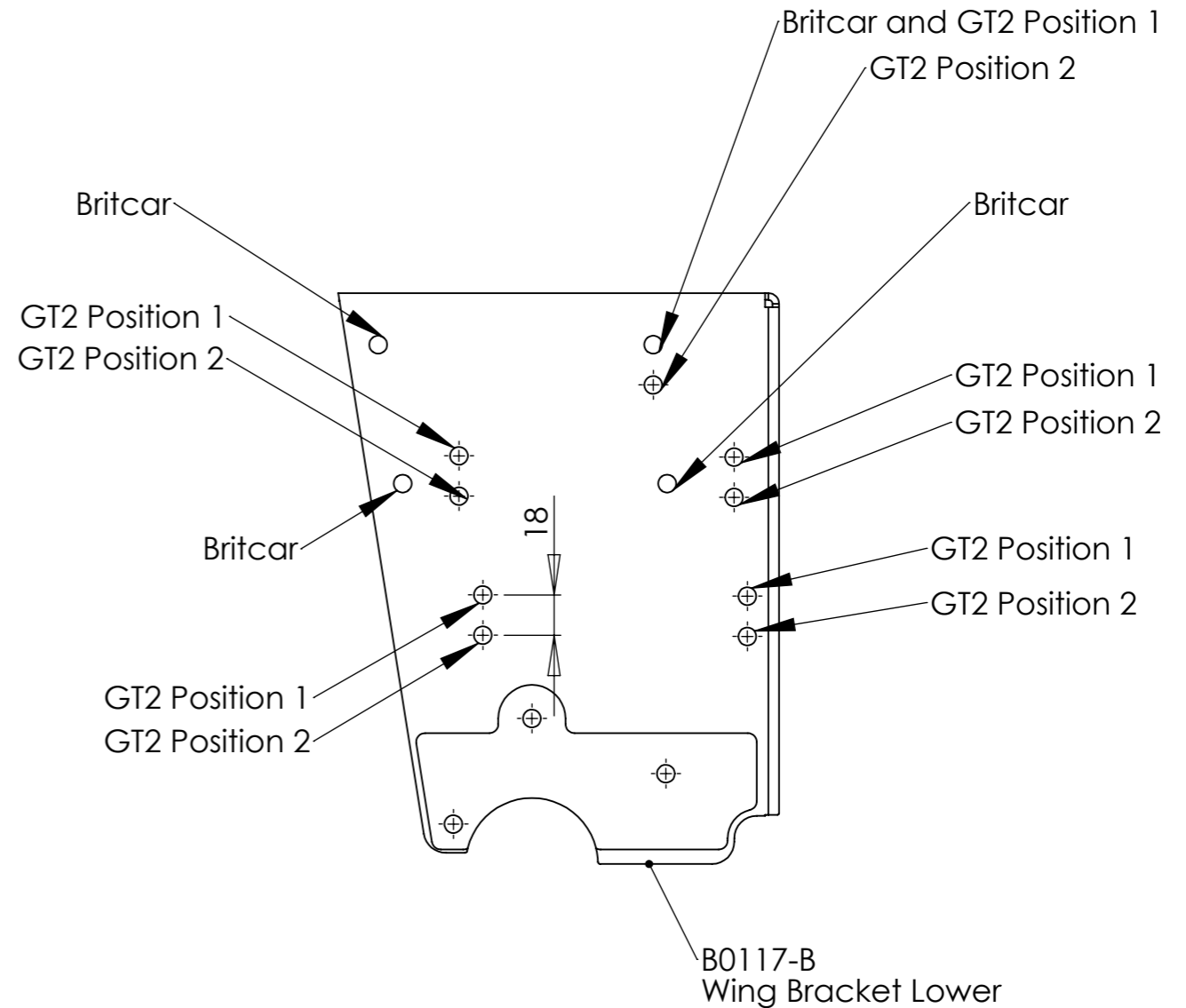
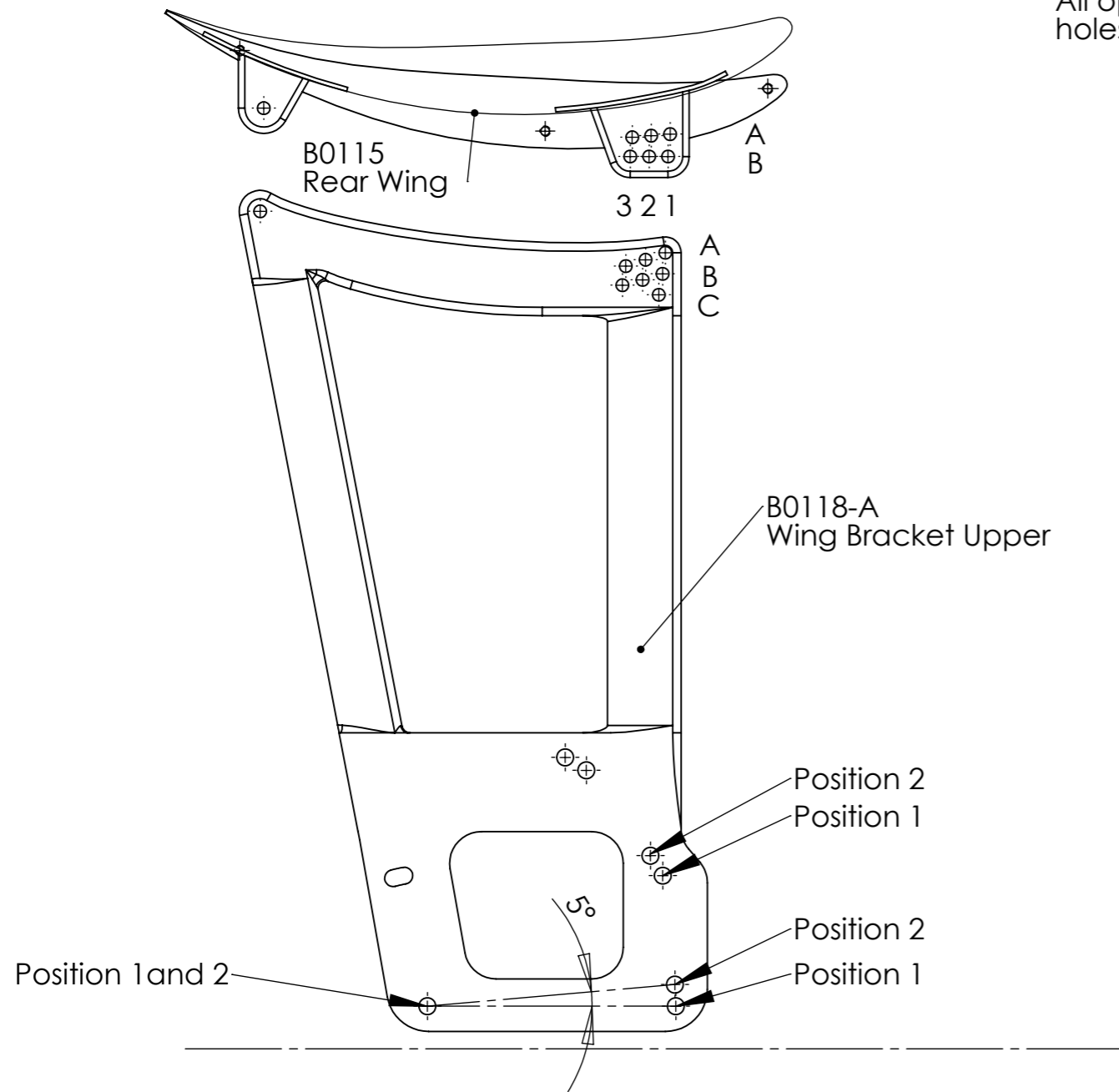
Attached on the anti roll bar pick up points on the chassis

$\pm 418.47^\circ$

WEIGHT(g)	MATERIAL	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : UNLESS STATED LINEAR $\pm 0.1\text{mm}$ ANGULAR $\pm 0.5^\circ$	FINISH REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN DM	DESCRIPTION	QUANTITY PER CAR:	
DATE 27/08/08	X0046 BRITCAR & G-50 CUP WING ASSY	REV.	
APPROVED ML	SCALE N/A A2 SHEET 1 OF 1 DRG. NO. X0046	 	

REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

All options are OK for Cup series, but no extra holes/slots may be added



Position 2 on the upper mounting bracket increases each of the wing angle increments by 5 degrees. All angles in the table below are taken from the chassis datum, therefore by changing the rake of the car these angles will change respectively.

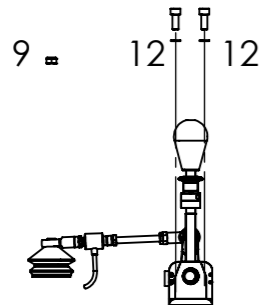
-GT2 Position 2 on the lower mounting bracket allows for an 18mm gurney to be used
-No Gurney allowed in Cup series

Wing Angle	Wing Position	Pilar Position
0 Degrees	B1	A1
1 Degrees	B2	A2
2 Degrees	B3	A3
3 Degrees	B1	B1
4 Degrees	B2	B2
5 Degrees	B3	B3
6 Degrees	B1	C1

WEIGHT(g)	MATERIAL A/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN DM	DESCRIPTION	QUANTITY PER CAR:	
DATE 03/12/2008	X0045 Rear Wing Angle Positions	N/A	
APPROVED ML	SCALE N/A	A3	SHEET 1 OF 1
	DRG. NO. X0045	REV.	

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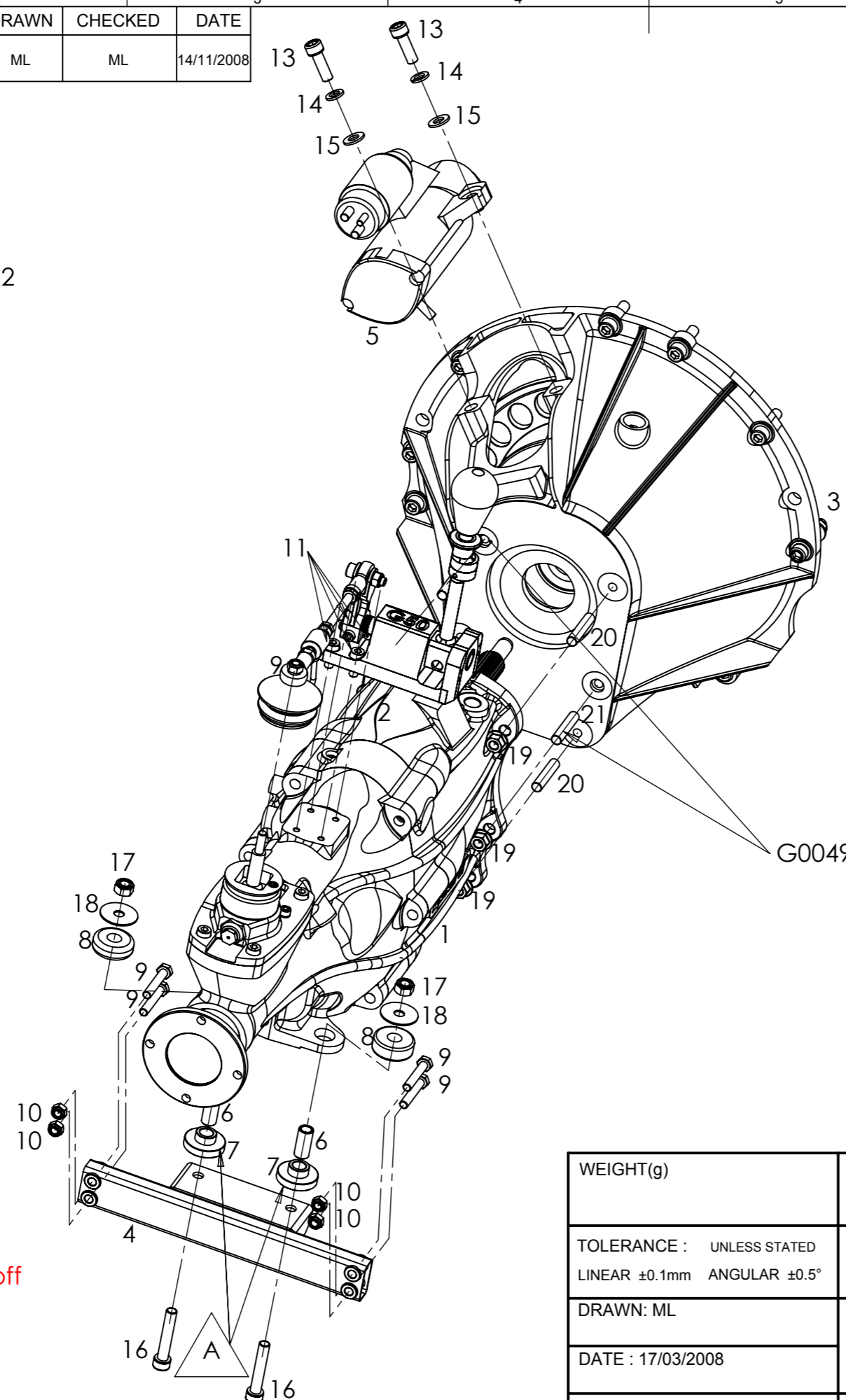
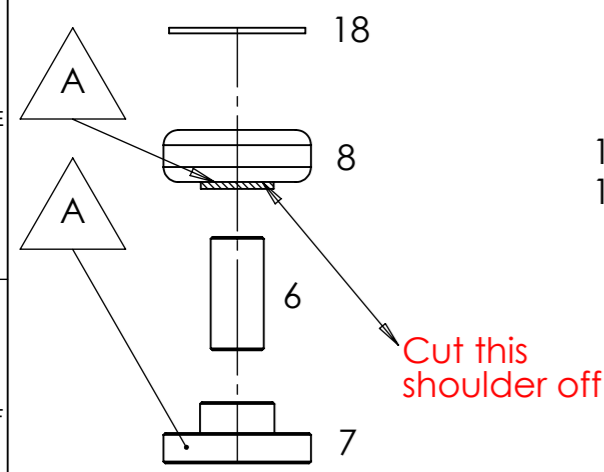
REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	-Gearbox bottom bushes from polly to Nylon -Top bush cut the shoulder off	ML	ML	14/11/2008



A
B
C

D
E

F



G0049 On the dowel's holes

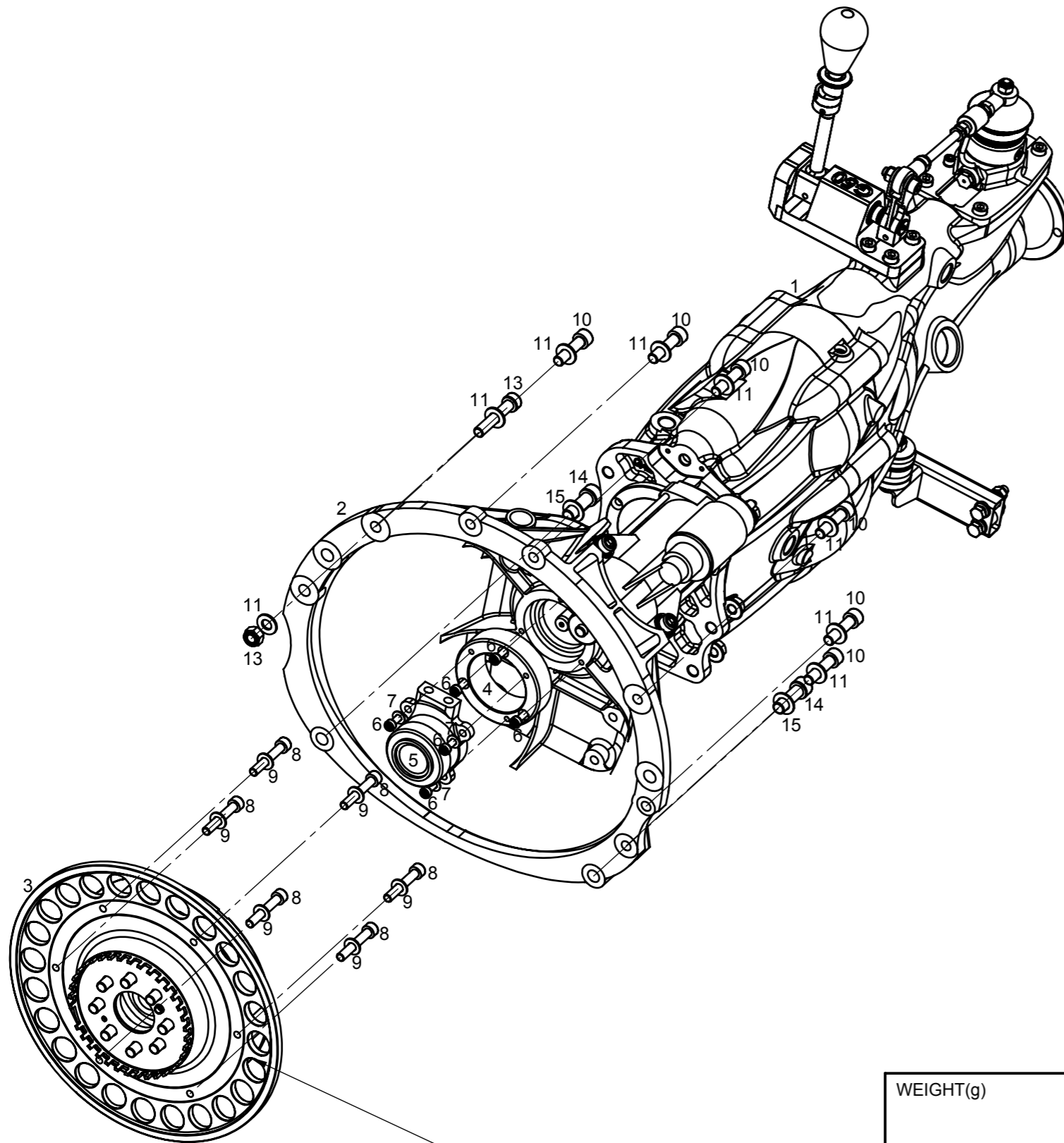
REF.	Description	Part.	Qty.	Grade
1	Gearbox 6 Speed	G0030	1	A
2	Gear Lever Mecanism	-	1	A
3	Bell Housing	G0027-D	1	A
4	Gearbox Mounting	G0010	1	A
5	Starter Motor	E0004	1	A
6	Gearbox Inner Sleeve Bush	GCJ0009	2	A
7	Gearbox Nylon Bush	G0108	2	A
8	Gearbox Rubber Bush	G0056	2	A
9	M8x50 hex head	-	4	C
10	M8 Nyloc Nut	-	6	C
11	M8x20 Cap Head Bolt	-	4	C
12	M8 Plain Washer	-	4	C
13	M10x30 Cap Head Bolt	-	2	C
14	M10 Plain Washer	-	2	C
15	M10 Spring Washer	-	2	C
16	M10x55 Cap Head	-	2	C
17	M10 Nyloc Nut	-	2	C
18	M10 Large Washer	-	2	C
19	M10 K Nut	-	6	C
20	Bell Housing Stud	G0048	4	A
21	Bell Housing Stud	G0049	2	A

A
B
C
D
E
F

WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN: ML	DESCRIPTION: X0023-A Gearbox Assy	QUANTITY PER CAR:	
DATE : 17/03/2008	APPROVED: ML	REV. A	
SCALE N/A	A3	SHEET 1 OF 1	DRG. NO. X0023-A

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REV.	MODIFICATION	DRAWN	CHECKED	DATE
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For Clutch Detail See Supplier's Drawing

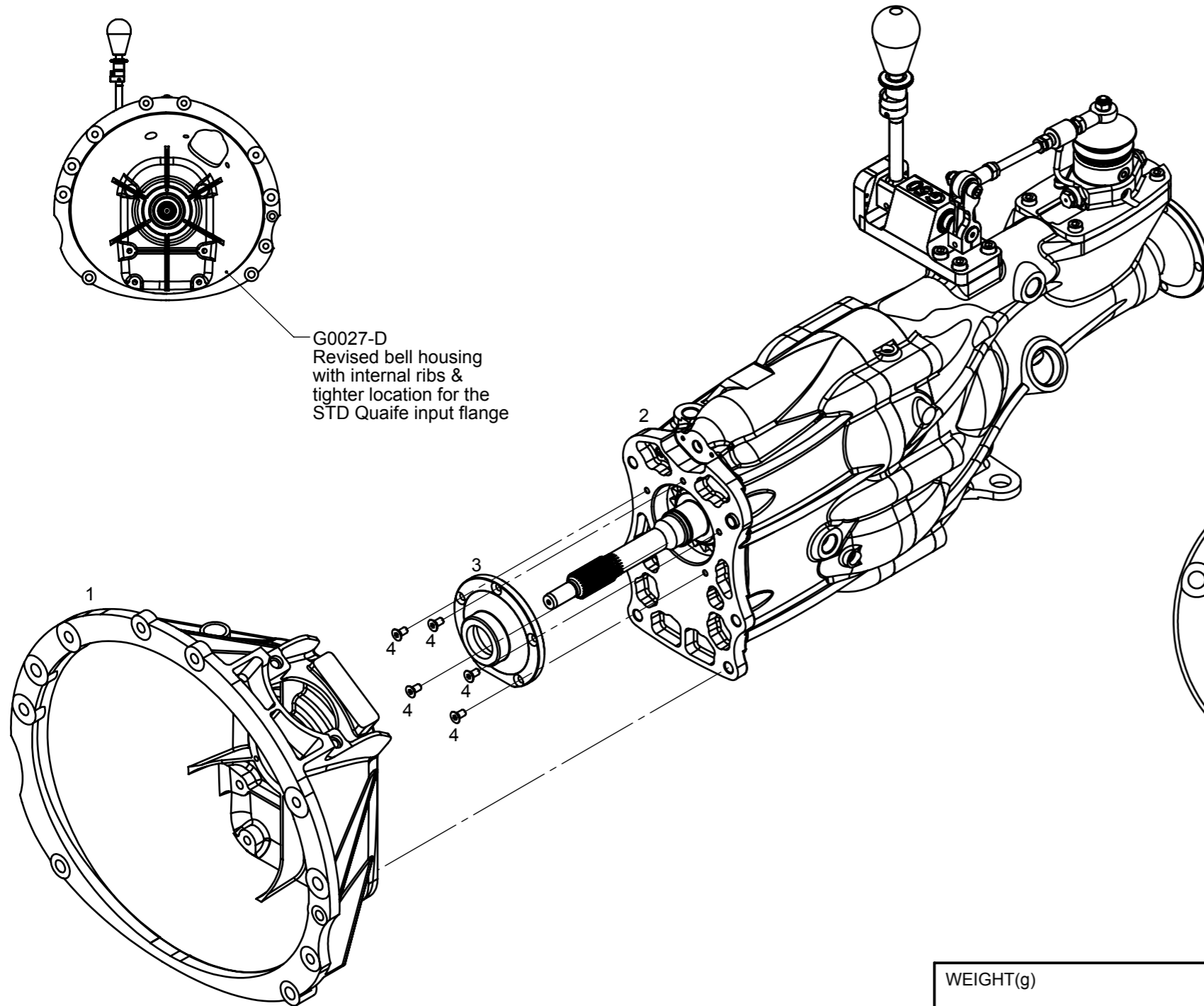
Ref.	Description	Part	Qty.	Torque (Ft.Lb)	Grade
1	Gearbox 6 Speed	G0030	1	-	A
2	Bell Housing	G0027-D	1	-	A
3	Fly Wheel	E0005	1	-	A
4	Clutch Slave Cylinder Spacer	G0029	1	-	A
5	Clutch Release Bearing	G0036	1	-	A
6	M6x16 Cap Head Bolt	-	6	-	C
7	M6 Plain Washer	-	3	-	C
8	M8x55 Cap Head Bolt	-	6	20	C
9	M8 Plain Washer	-	6	-	C
10	M10x40 Cap Head Bolt	-	6	-	C
11	M10 Plain Washer	-	8	-	C
12	M10 Nyloc Nut	-	1	-	C
13	M10 x55 Cap Head Bolt	-	1	-	C
14	M12 x35 Cap Head Bolt	-	2	-	C
15	M12 Plain Washer	-	2	-	C

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TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH: N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN : ML	DESCRIPTION X0024 Clutch & Bell Housing	QUANTITY PER CAR:	
DATE: 17/03/2008			
APPROVED: ML	SCALE N/A	A3	SHEET 1 OF 1
	DRG. NO. X0024	REV.	

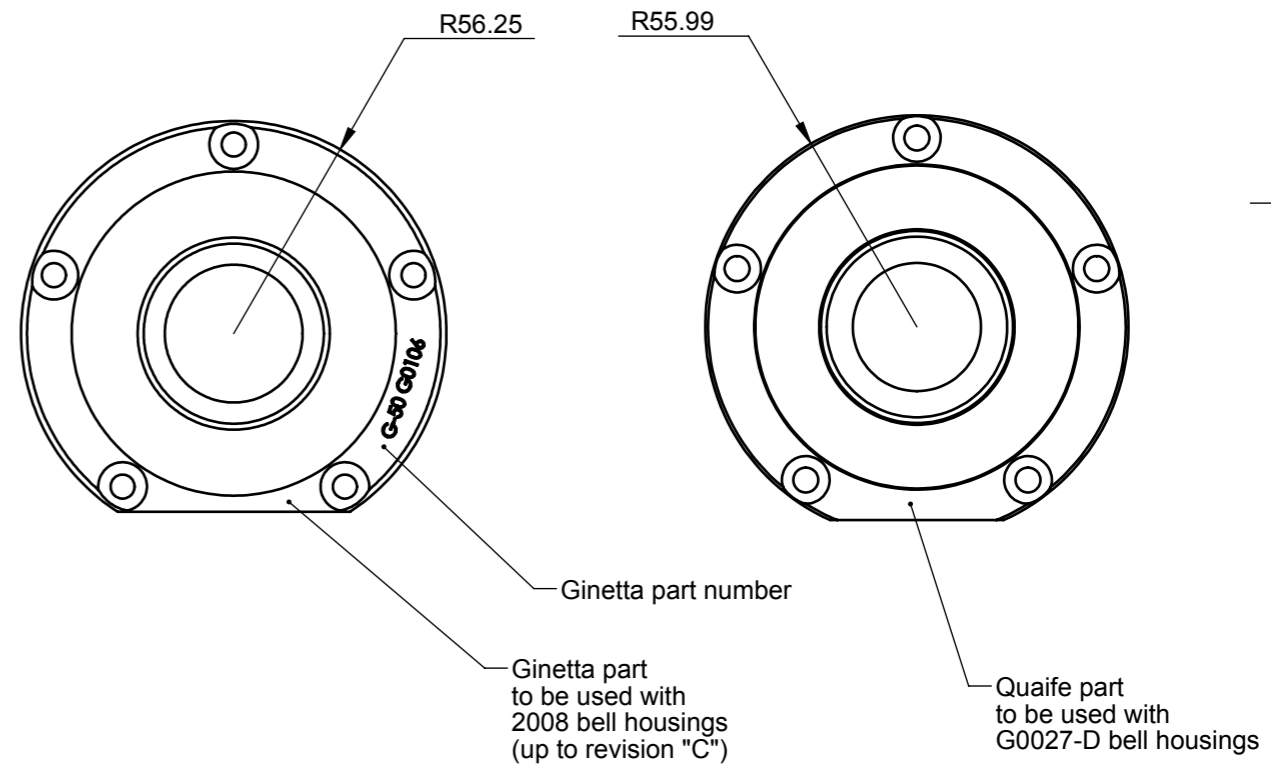
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REV.	MODIFICATION	DRAWN	CHECKED	DATE
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Ref	Description	Part	Qty	Grade
1	Bell Housing	G0027	1	A
2	6 Speed Gear Box	G0030	1	A
3	Input Flange Quaife GBX	G0106	1	A
4	1/4" Countersink Bolt	-	5	B



G0027-D
Revised bell housing
with internal ribs &
tighter location for the
STD Quaife input flange



WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN ML	DESCRIPTION X0056 Input Flange Gearbox Detail		QUANTITY PER CAR: -
DATE 21/11/2008			REV.
APPROVED ML	SCALE 1:20	A3	SHEET 1 OF 1
DRG. NO. X0056			

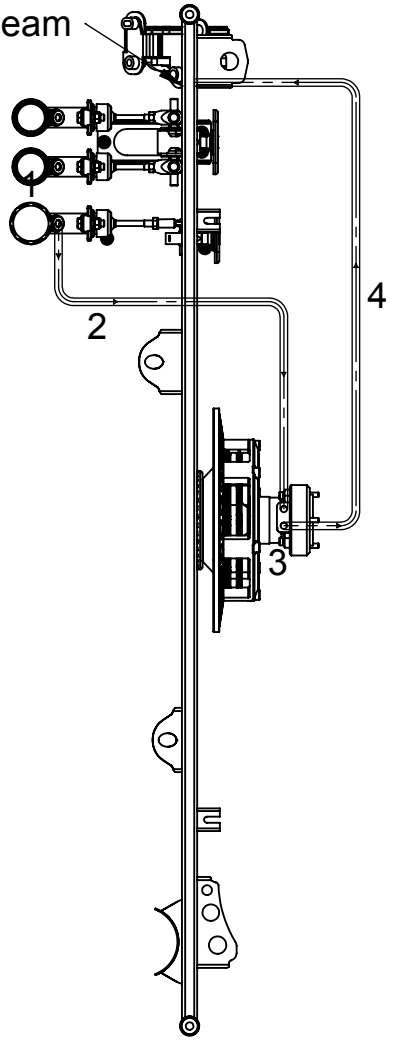
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LNT automotive

REV.	1	2	3	4	5	6
	MODIFICATION	DRAWN	CHECKED	DATE		

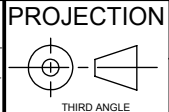
Bleed conector
on the scuttle beam



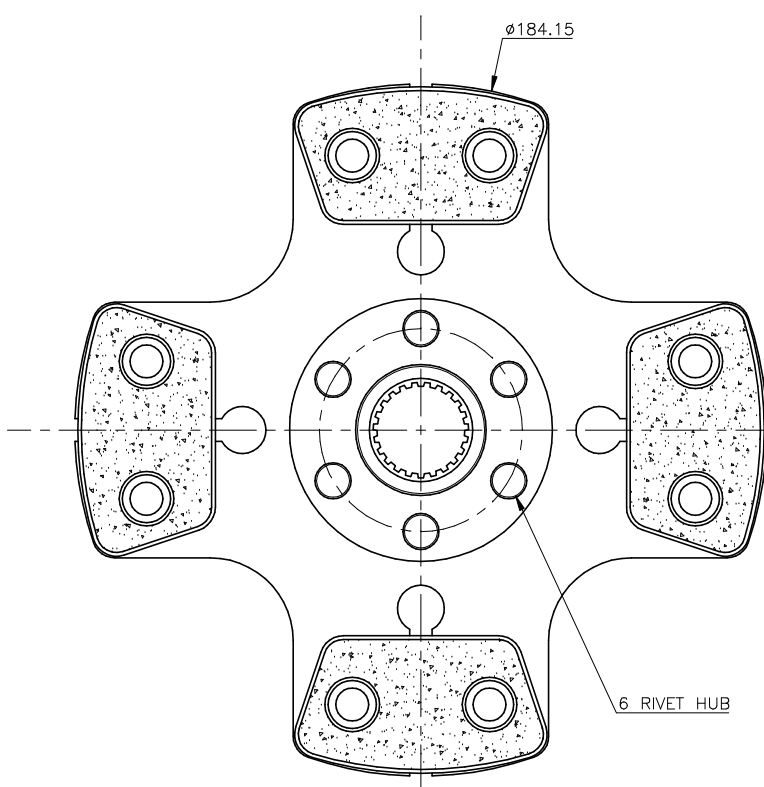
REF.	Description	Part	Qty.	Grade
1	Master Cylinder Clutch	R0022	1	A
2	Clutch Pipe	G0019	1	A
3	Clutch Release Bearing	G0036	1	A
4	Clutch Bleed Pipe	G0020	1	A

DESCRIPTION:		WEIGHT(g)	
X0025 Clutch Circuit Schematic			
TOLERANCE :		UNLESS STATED	
LINEAR ±0.1mm		ANGULAR ±0.5°	
DRAWN: ML	MATERIAL	QTY. PER CAR	
DATE:18/03/2008	FINISH	REV.	
APPROVED: ML	REMOVE ALL BURRS AND SHARP EDGES		
SCALE - A4	SHEET 1 OF 1	DRG. NO. X0025	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES

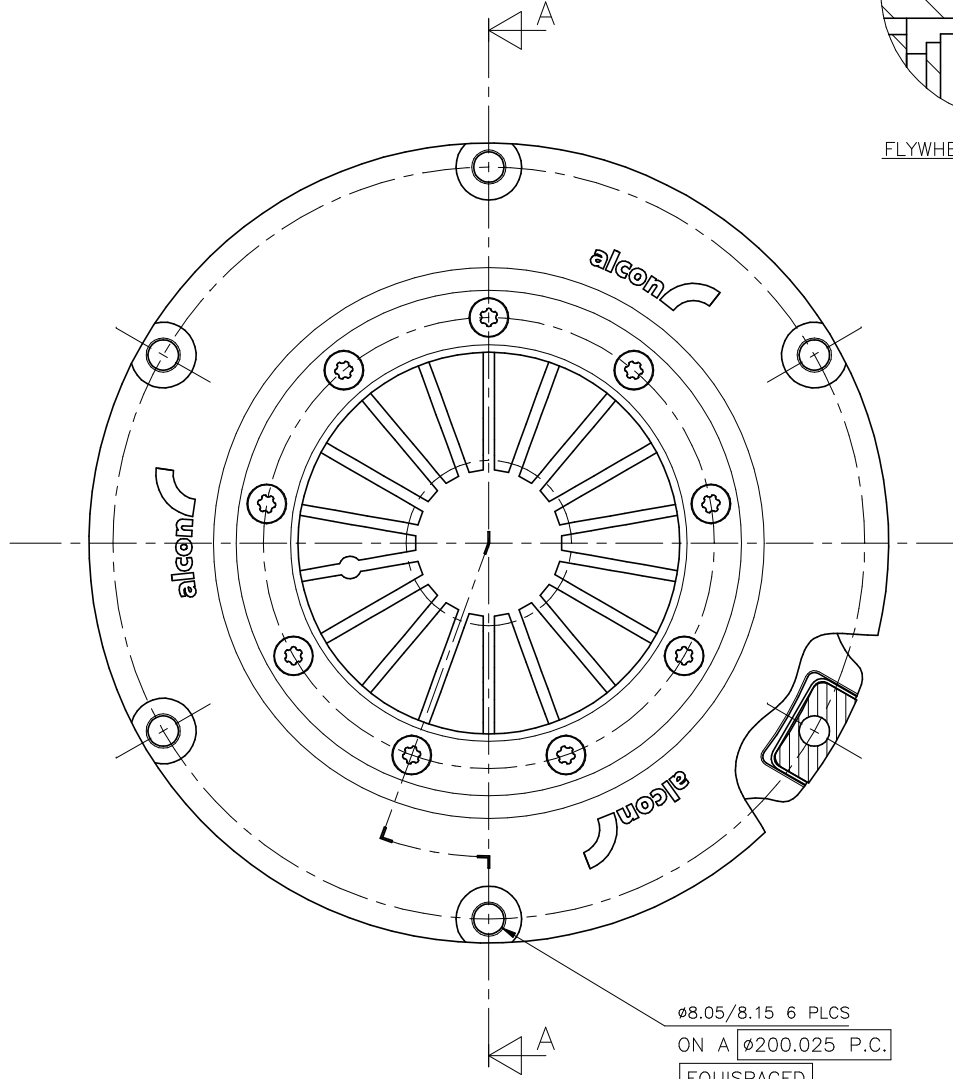
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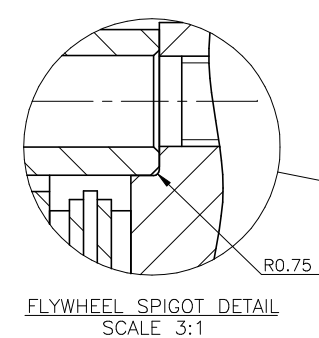
DO NOT SCALE IF IN DOUBT ASK



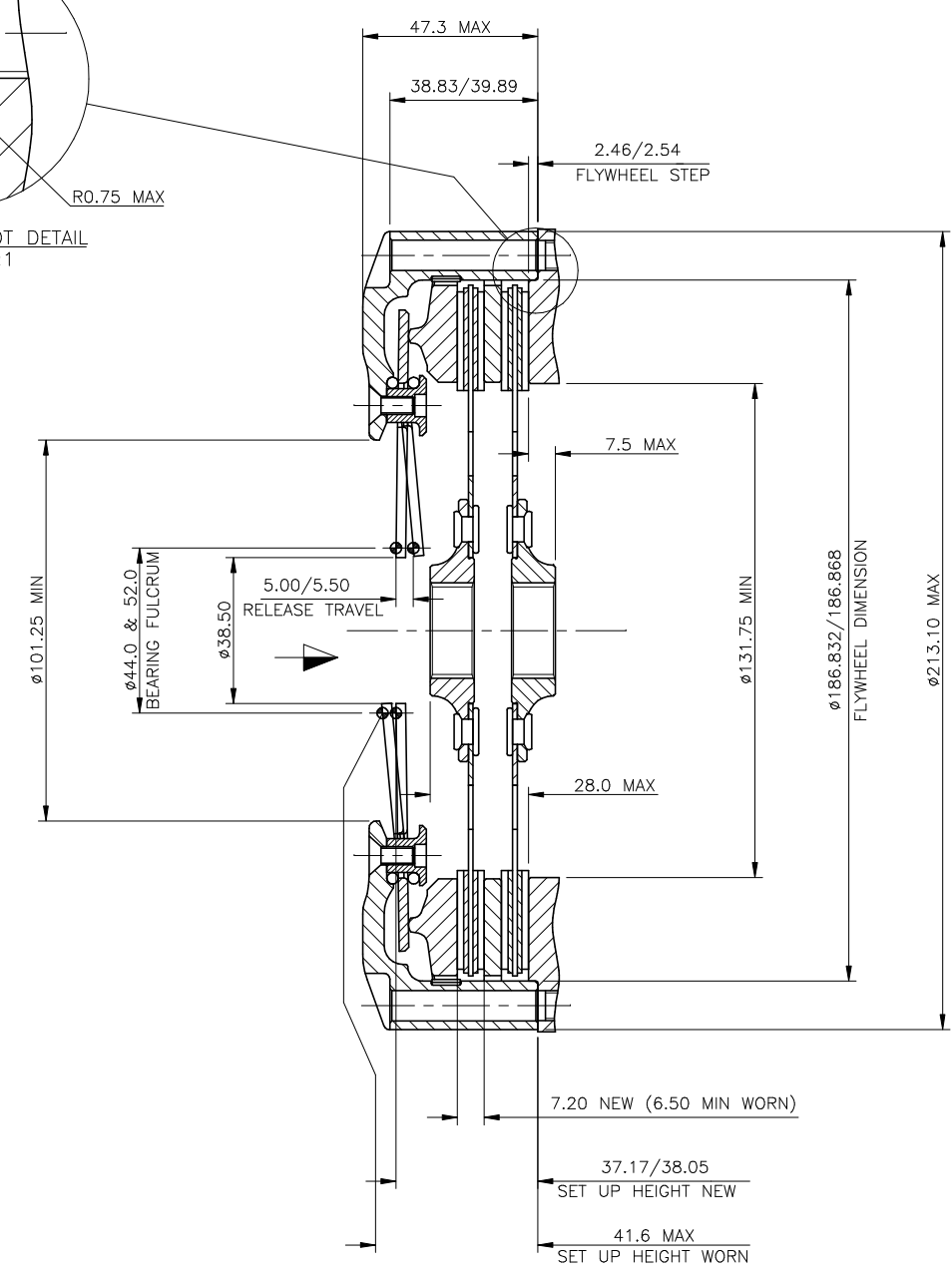
DRIVEN PLATE



$\phi 8.05/8.15$ 6 PLCS
ON A $\phi 200.025$ P.C.
EQUISPACED
 $\pm \phi 0.05$
C'BORE $\phi 17.3$ MIN



FLYWHEEL SPIGOT DETAIL
SCALE 3:1



SECTION A-A

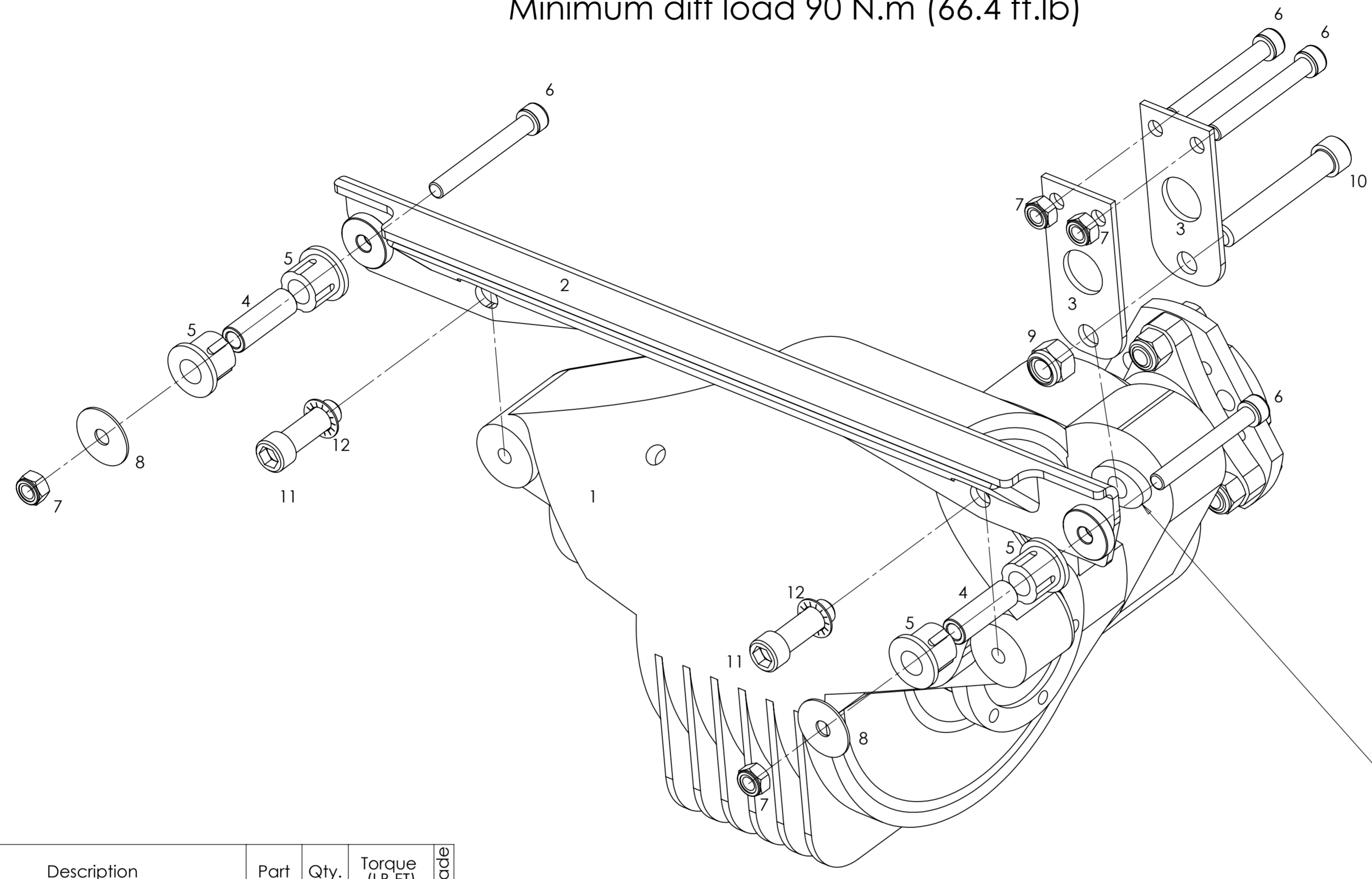
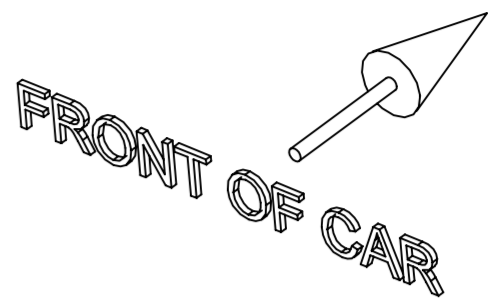


CLUTCH ASSEMBLY PART NUMBER	SPRING IDENT.	RELEASE RATIO	RELEASE LOAD		COMPLETE ASSY WEIGHT (INC DRIVE PLATES)	RECOMMENDED MAX. DYNAMIC TORQUE CAPACITY	COMPLETE ASSY INERTIA (INC DRIVE PLATES)
			44mm REL.BEARING	52mm REL.BEARING			
KKR1842HORSR01	ORANGE	HIGH	2.1kN	2.25kN	3.15Kg estimated	520 Nm (383 lbft)	(TBA)
TIGHTENING TORQUE OF CLUTCH MOUNTING BOLTS = 22Nm							
MAXIMUM WEAR OF STACK = 0.75mm. AFTER THIS AMOUNT OF WEAR REPLACE DRIVE PLATES.							

ISS	LOC.	CHANGE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
3D MODEL: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	SCALE	1:1	DRAWN BY A.SOLLIS		ALCON COMPONENTS LIMITED APOLLO TAMWORTH STAFFORDSHIRE B79 7TN TEL: +44(0)1827 723700					
WEIGHT	MATERIAL	REMOVE ALL SHARP EDGES, BURRS AND SHARP	CHECKED BY P.SMITH	NOTE: THIS DRAWING AND INFORMATION THERE UPON IS THE PROPERTY OF ALCON COMPONENTS LIMITED. IT IS LENT ON THE CONDITION THAT IT, IN WHOLE OR IN PART, SHALL NOT BE REPRODUCED, COPIED OR DISCLOSED TO ANY PERSON WITHOUT WRITTEN CONSENT OF ALCON AND SHALL BE RETURNED TO ALCON COMPONENTS LIMITED.						
\sqrt{Ra} (\sqrt{Ra})	HEAT TREAT./CURE CYCLE	DATE	MATERIAL CHECKED BY	PART NAME (Max. 40 digits) $\phi 184$ (7.25") CERAMETALLIC TWIN PLATE INSTALLATION						
ALL DIMENSIONS ARE BEFORE TREATMENT UNLESS STATED	SURFACE TREATMENT	DATE	APPROVED BY	PART NUMBER KKR1842HORSR01						
TOLERANCES UNLESS STATED #0.2 ANGLES 90°				DRAWING MANUF SHEET ISSUE CODE 1						

REV.	MODIFICATION	DRAWN	CHECKED	DATE
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Minimum diff load 90 N.m (66.4 ft.lb)



Optional replacement may be used the top differential mounting as supplied by Ginettacars

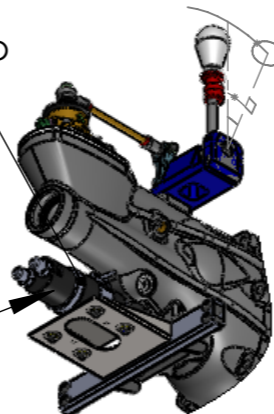
REF	Description	Part	Qty.	Torque (LB.FT)	Grade
1	Diff.	G0001	01	-	A
2	Diff Mounting Rear	G0007	01	-	A
3	Bkt Duff Mount Front	G0028	02	-	A
4	Diff Mount Inner Sleeve Bush	G0029	02	-	A
5	Suspension Poly Bush	C0064	04	-	A
6	M10x80 Cap Head Bolt	-	04	-	C
7	M10 Nyloc Nut	-	04	-	C
8	M10 Large Washer	-	02	-	C
9	M14 Nyloc Nut	-	01	-	C
10	M14x90 Cap Head Bolt	-	01	-	C
11	M14x45 Cap Head Bolt	-	02	95	C
12	M14 Serrated Lock Washer	-	02	-	C
13	Diff Poly Bush - as supplied	G0062	02	-	A
14	Diff Insert	G0058	01	-	A
15	Diff Mount Inner Sleeve Bushes Long	G0059	01	-	A

WEIGHT(g)	MATERIAL	COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LINT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN:ML	DESCRIPTION	QUANTITY PER CAR:	
DATE:18/03/2008	X0026 Diff Assy	REV.	
APPROVED: ML		SCALE N/A	A2 SHEET 1 OF 1 DRG. NO. X0026

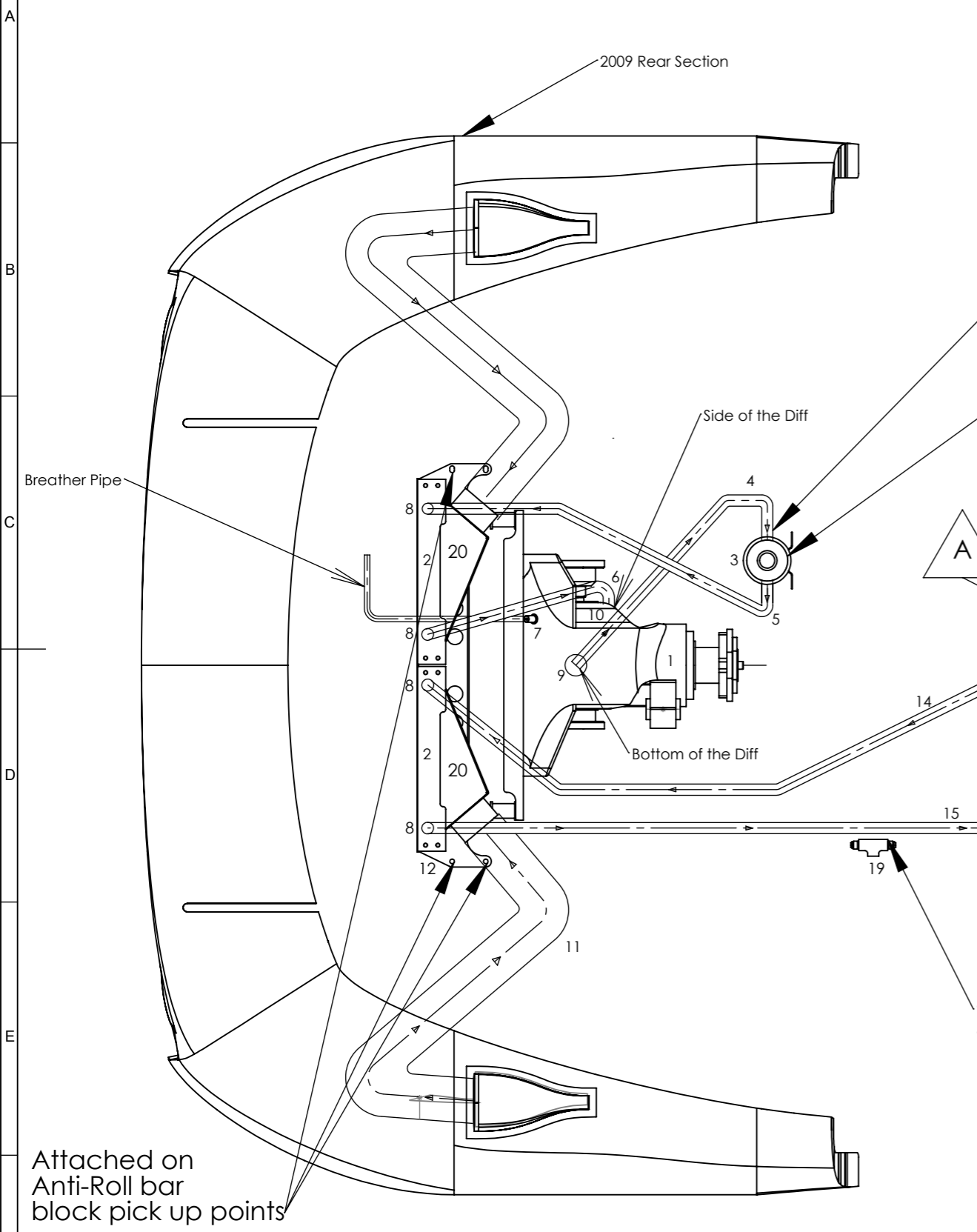


REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	Higher grade diff pump as G-Box pump & 25 row oil cooler for diff and air box	ML	ML	04/03/2010

G0110 Higher Grade diff pump allowed to cup series as well

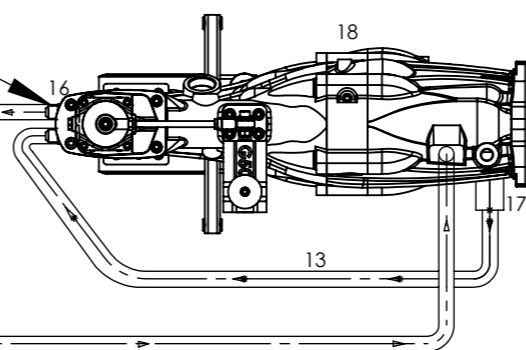


Ref	Part	Description	Grade
1	G0001	Diff	A
2	N0014	25 Row Oil Cooler	A
3	G0031	Diff Oil Pump	A
4	G0045	Diff Hose Diff to Pump	A
5	G0134	Diff Hose Pump to Cooler	A
6	G0133	Diff Hose Cooler to Diff	A
7	G0051	Diff Breather Adaptor	A
8	H0033	Cooler Adaptor	A
9	G0055	Diff Adaptor Level Plug	A
10	G0054	Diff Adaptor Drain Plug	A
11	G0071	3" Cooling Hose 1M	B
12	R0064	Oil Cooler BKT	A
13	G0144	G-Box to Pump Hose (-8)	B
14	G0145	Pump Cooler Hose (-8)	B
15	G0146	Cooler to G-Box Hose (-8)	B
16	G0110	Higher Grade Diff Pump	A
17	G0087	G-box Oil Filter	A
18	G0030	Gear Box	A
19	N0011	In Line Oil Temp Housing	A
20	B0135	25 Row GBX Cooler Duct	A



Option for temp sensor adaptor plastic bung must be checked for tightness and scrued with silicone

G0110 Higher Grade diff pump allowed to cup series as well



-Oil Filter must be washed after each race

-Optional for Gearbox temperature logging
-To add that item 15 must be cut and -8 fittings can be fitted

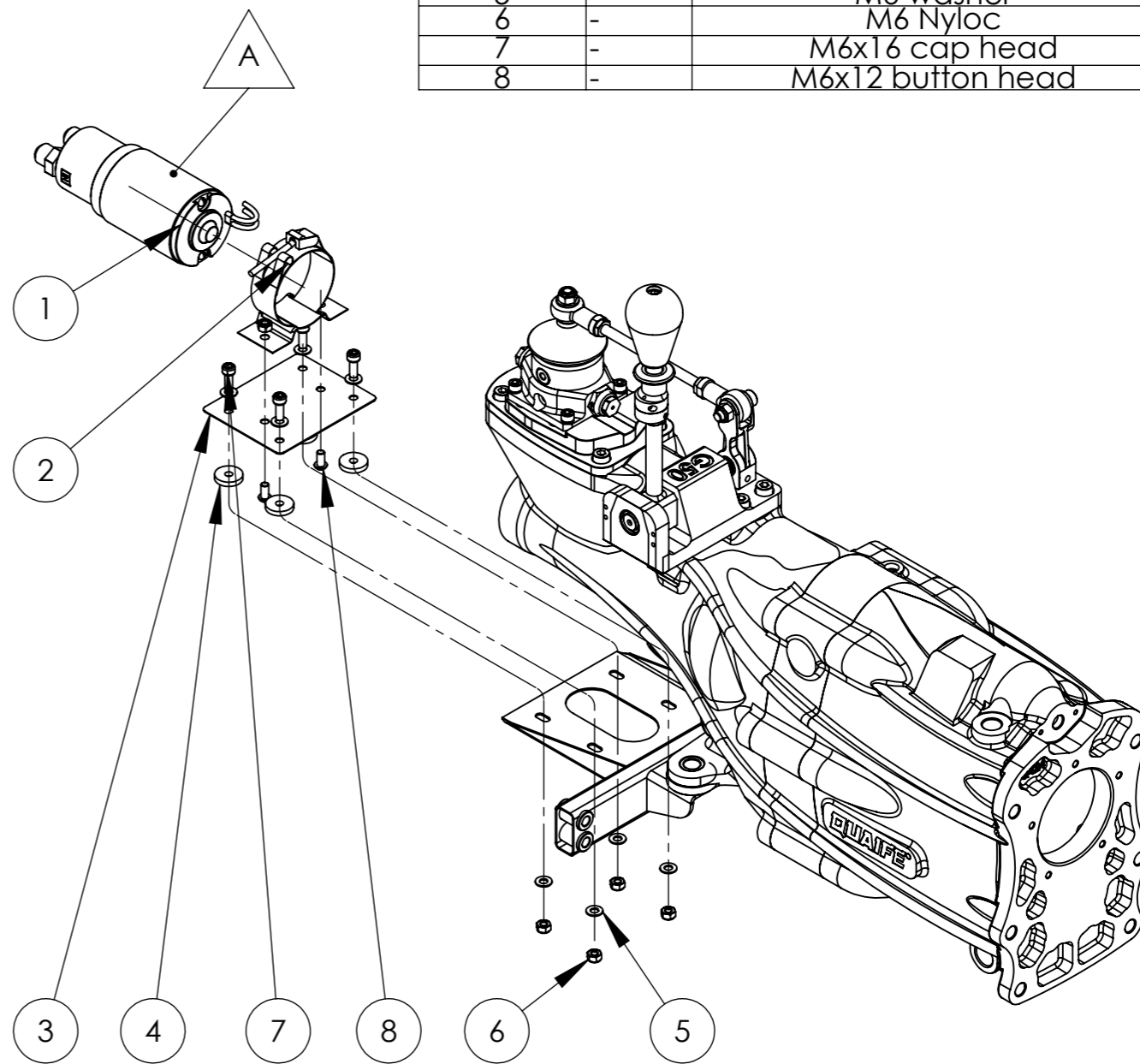
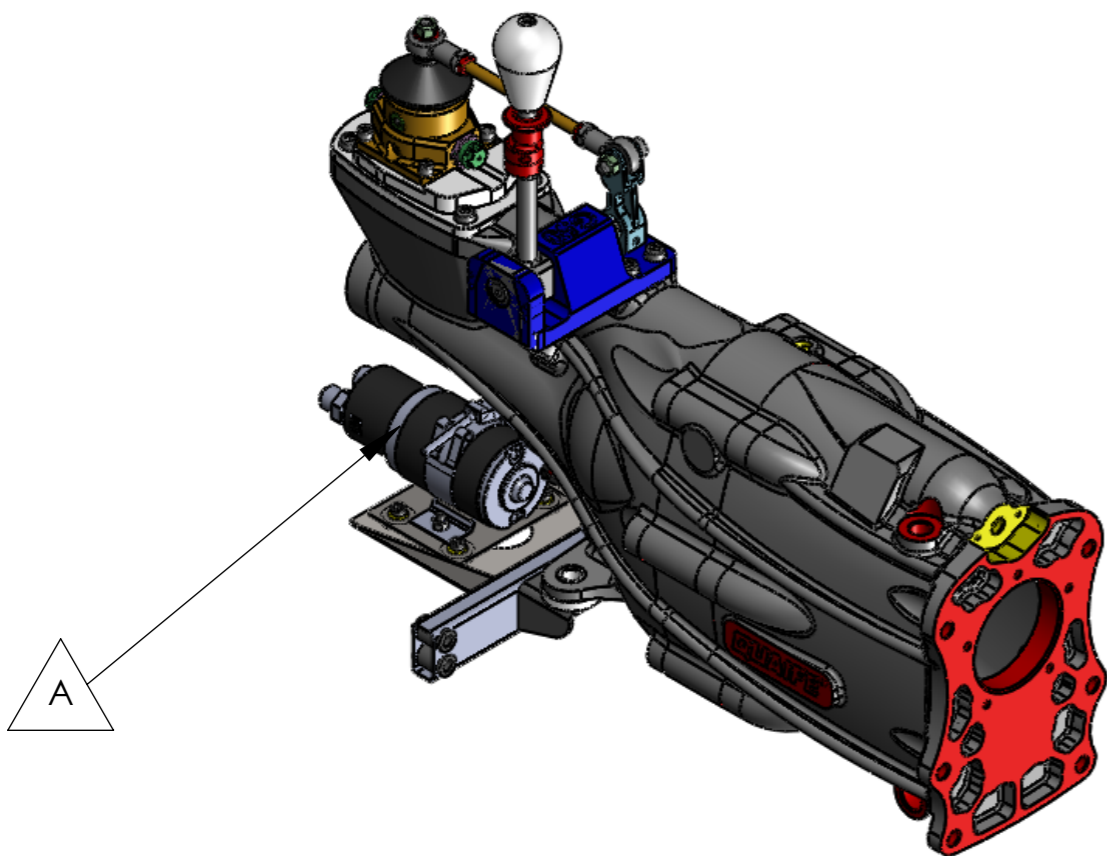
Attached on Anti-Roll bar block pick up points

WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN DM	DESCRIPTION X0048-A Transmission Cooling System	QUANTITY PER CAR:	
DATE 29/08/08		REV.A	
APPROVED ML	SCALE 1:10	A3	SHEET 1 OF 2
DRG. NO. X0048-A		LNT automotive	

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REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	Higher grade diff pump as G-Box pump	ML	ML	04/03/2010

ITEM NO.	PART	DESCRIPTION	GBX Pum p./ QTY.
1	G0110	Higher Grade Diff Pump	1
2	-	Clamp WCPI-B	1
3	G0139	Adaptor Plate for Diff Pump	1
4	-	M6 Rubber Washer	4
5	-	M6 washer	8
6	-	M6 Nyloc	6
7	-	M6x16 cap head	4
8	-	M6x12 button head	2

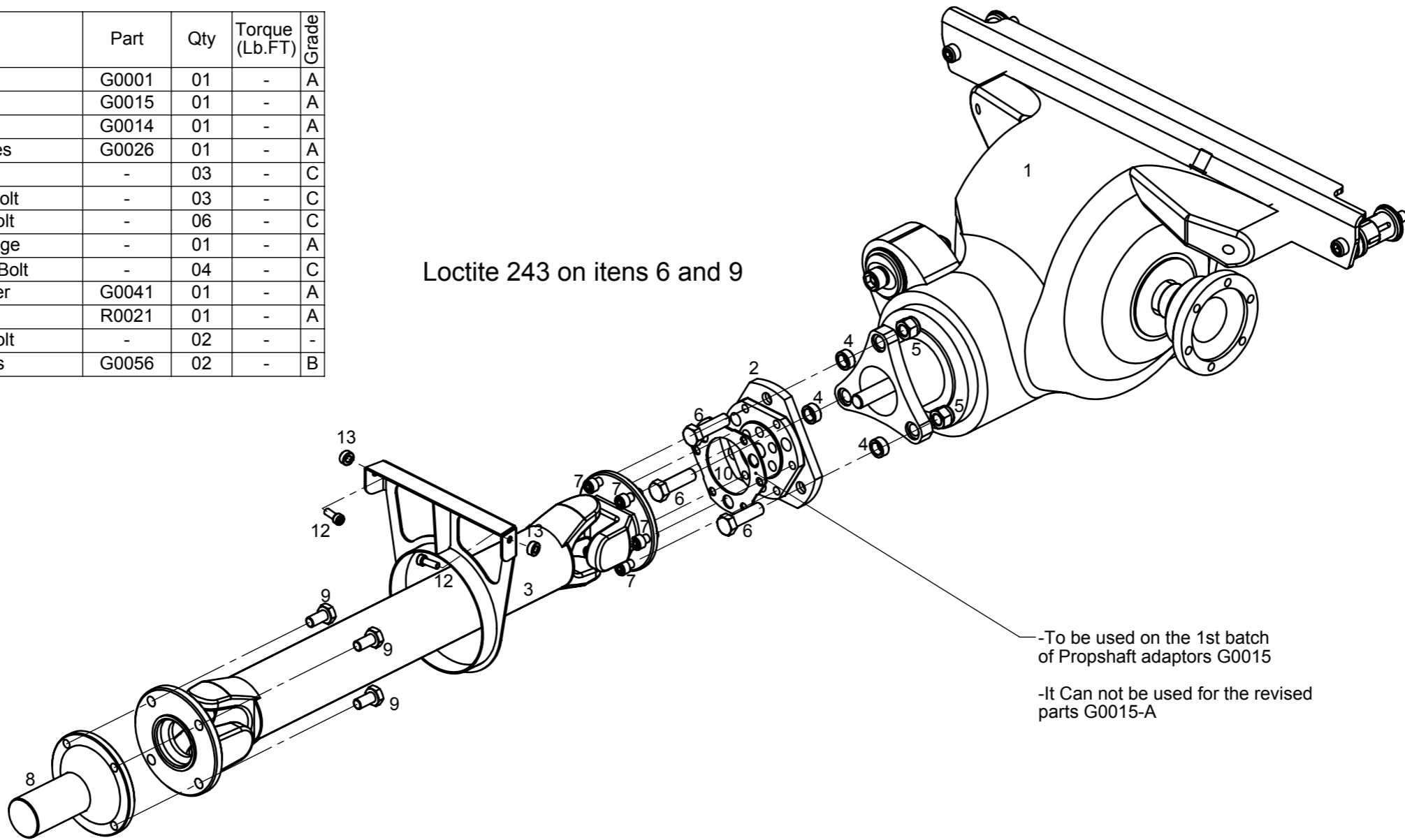


WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN DM	DESCRIPTION X0048-A Transmission Cooling System	QUANTITY PER CAR:	
DATE 29/08/08		REV. A	
APPROVED ML	SCALE N/A A3	SHEET 2 OF 2	DRG. NO. X0048-A

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REV.	MODIFICATION	DRAWN	CHECKED	DATE
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REF	Description	Part	Qty	Torque (Lb.FT)	Grade
1	Diff	G0001	01	-	A
2	Propshaft Adaptor	G0015	01	-	A
3	Propshaft	G0014	01	-	A
4	Prop Adaptor Bushes	G0026	01	-	A
5	M12 Nyloc Nut	-	03	-	C
6	M12x40 Hex Head Bolt	-	03	-	C
7	M8x20 Cap Head Bolt	-	06	-	C
8	Gearbox Outout Flange	-	01	-	A
9	M10x1x20 Hex Head Bolt	-	04	-	C
10	Prop Adapter Spacer	G0041	01	-	A
11	Prop Hoop	R0021	01	-	A
12	M6x16 Cap Head Bolt	-	02	-	-
13	Prop Hoop Spacers	G0056	02	-	B

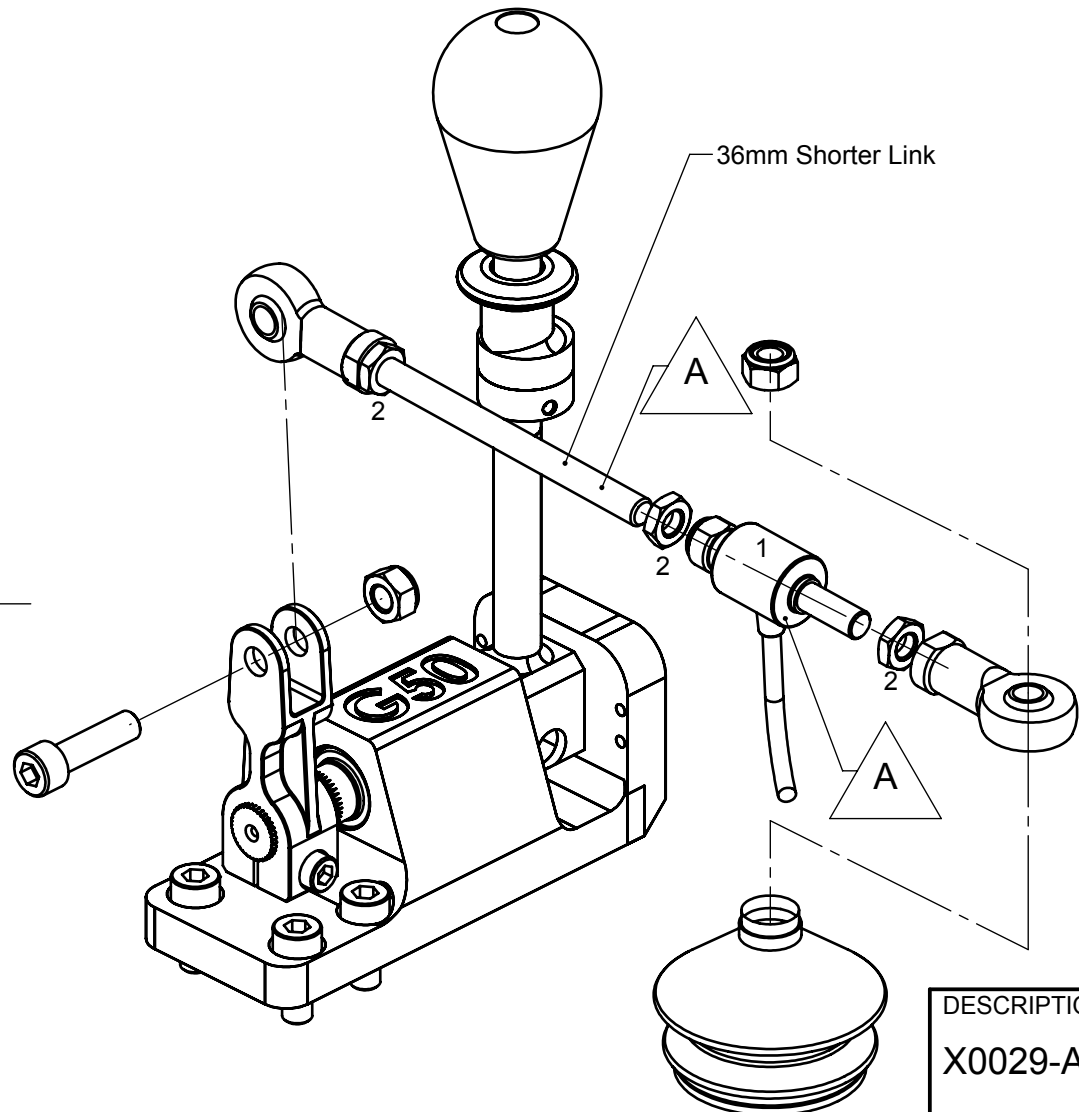


WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN: ML	DESCRIPTION: X0028 Propshaft	QUANTITY PER CAR:	
DATE: 10/03/2008	SCALE N/A A3 SHEET 1 OF 1 DRG. NO. X0028	REV.	
APPROVED: ML			LNT automotive

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1 2 3 4 5 6

REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	From micro switch to load cell; 36mm shorter link	ML	ML	14/11/2008



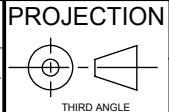
Ref.	Description	Part	Qty.	Grade
1	Flat Shift Load Cell	L0075	01	A
2	M8 Plain Nut	-	03	B

DESCRIPTION	WEIGHT(g)
X0029-A Flat Shift System	
TOLERANCE :	UNLESS STATED
LINEAR ±0.1mm	ANGULAR ±0.5°

DRAWN: ML	MATERIAL N/A
DATE: 19/03/2008	FINISH N/A
APPROVED: ML	REMOVE ALL BURRS AND SHARP EDGES

SCALE	1:5	A4	SHEET	1 OF 1	DRG. NO.	X0029-A
QTY. PER CAR						REV.-A

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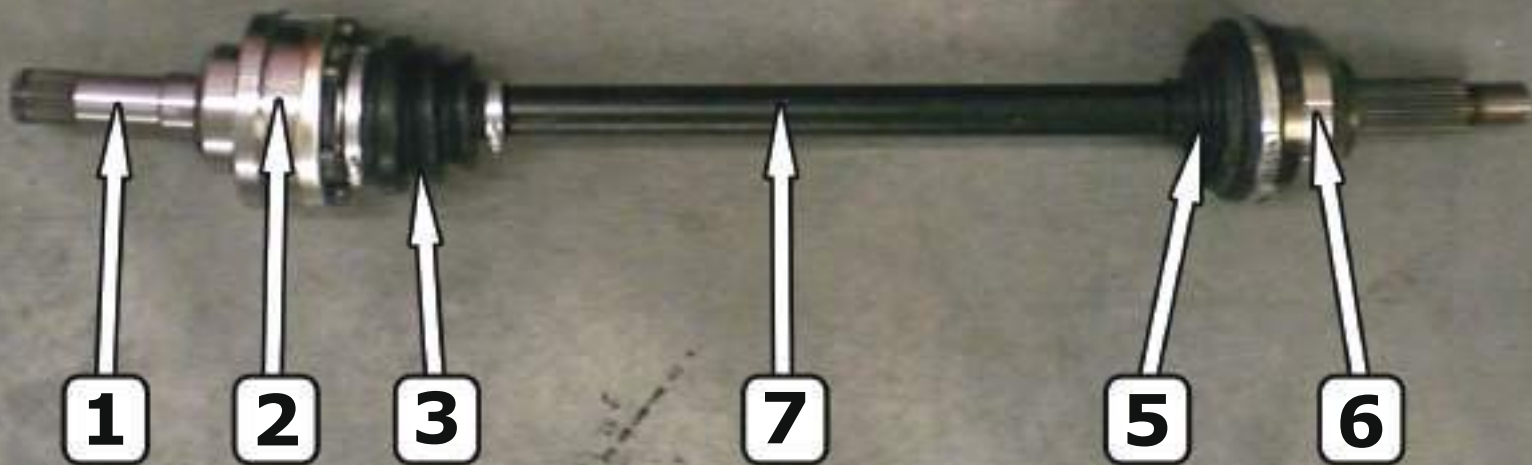
DO NOT SCALE IF IN DOUBT
 ASK ALL DIMENSIONS IN MILLIMETRES

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1 2 3 4 5 6

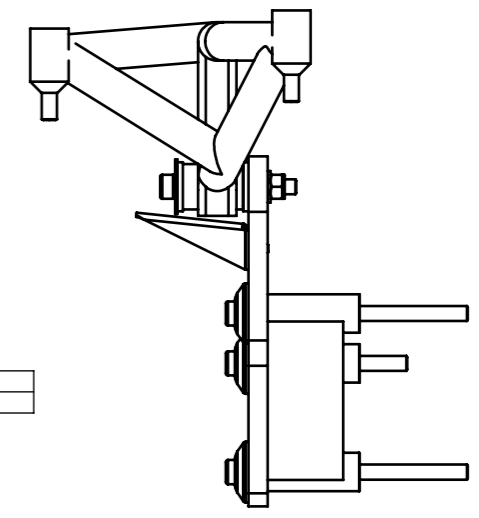
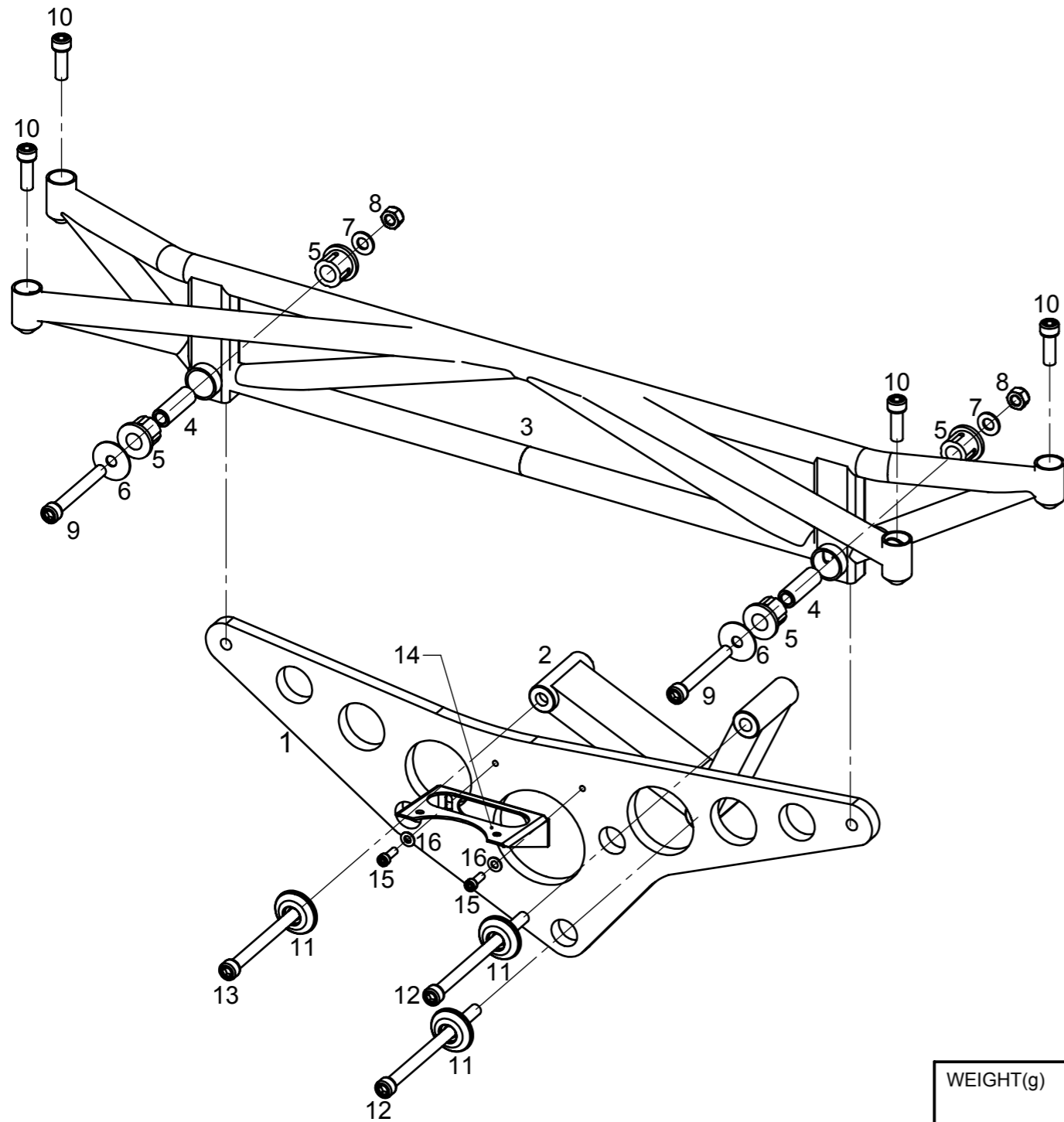
Ref.	Part	Description	Qty	Grade
1	G0002	Diff Output Flange	2	A
2	G0005	Diff CV Joint Inner	2	A
3	G0037	CV Boot Plate Inner	2	A
4	G0004	Drive Shaft Right	1	A
5	G0035	CV Booou Outer	2	A
6	G0006	Diff CV Joint Outer	2	A
7	G0003	Drive Shaft Left	1	A

Part #: X0035
Ginetta G50 Driveshaft



REV.	MODIFICATION	DRAWN	CHECKED	DATE
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REF.	Description	Part	Qty.	Grade
1	Engine Mounting Plate	E0001	01	A
2	Engine Mounting Billet	E0008	01	A
3	Engine Mounting Frame	E0003	01	A
4	Diff/Engine Inner Sleeve Bush	G0039	02	A
5	Suspension Poly Bush	C0064	04	A
6	M10 Large Washer	-	02	C
7	M10 Plain Washer	-	02	C
8	M10 Nyloc Nut	-	02	C
9	M10x80 Cap Head	-	02	C
10	M10x30 Cap Head	-	04	C
11	Engine Mounting Washer	-	03	A
12	M10x150 Cap Head Bolt	-	02	C
13	M10x110 Cap Head Bolt	-	01	C
14	Bkt Intake Extension	E0007	01	A
15	M6x16 Cap Head Bolt	-	02	C
16	M6 Plain Washer	-	02	C



FRONT OF CAR

WEIGHT(g)		MATERIAL N/A		COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°		FINISH N/A REMOVE ALL BURRS AND SHARP EDGES		PROJECTION THIRD ANGLE 	
DRAWN ML		DESCRIPTION X0030 Engine Mounting Assy		QUANTITY PER CAR: -	
DATE 19/03/2008				REV.	
APPROVED ML		SCALE N/A	A3	SHEET 1 OF 1	DRG. NO. X0030

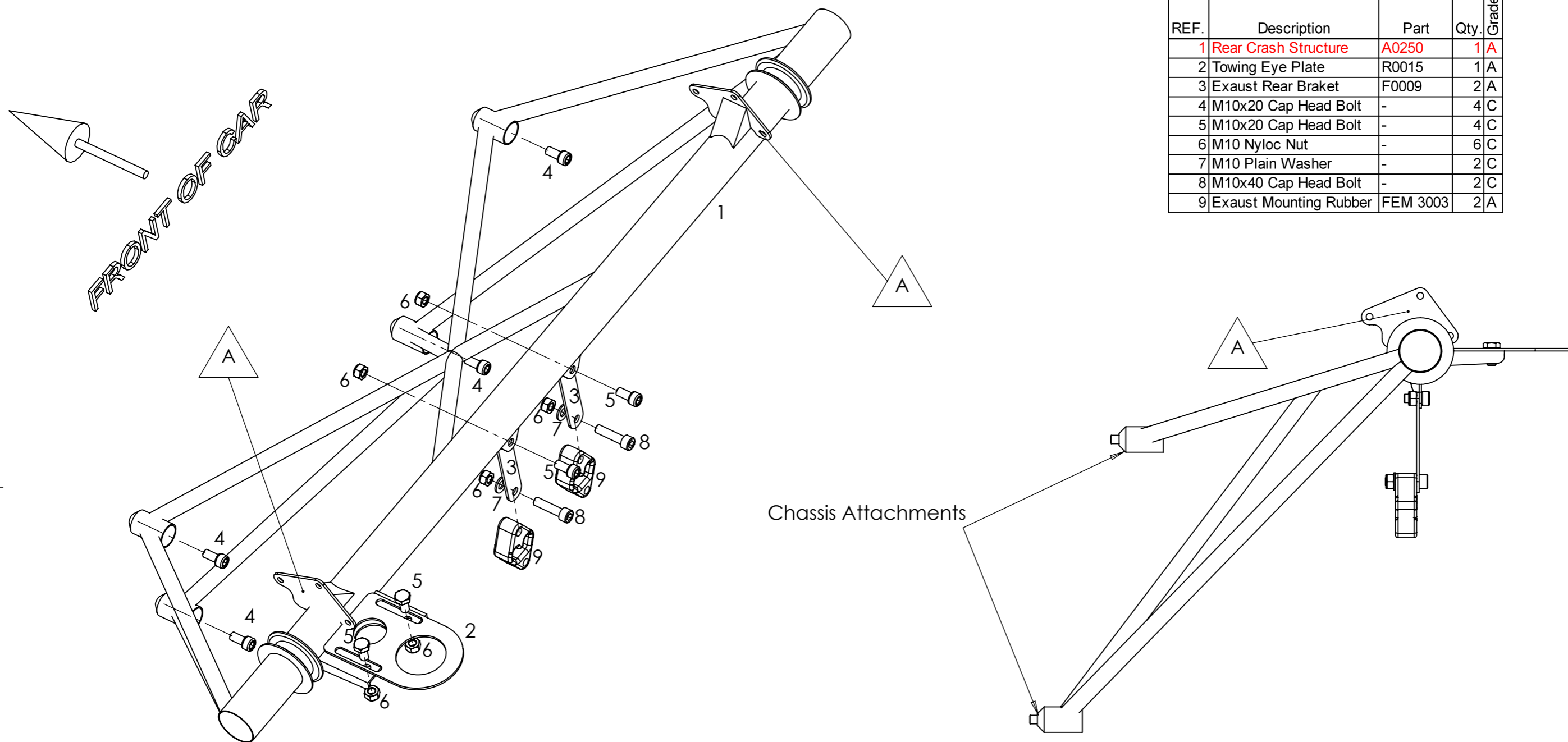
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REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	Wing mounting points on the rear crash structure	ML	ML	26/11/2008

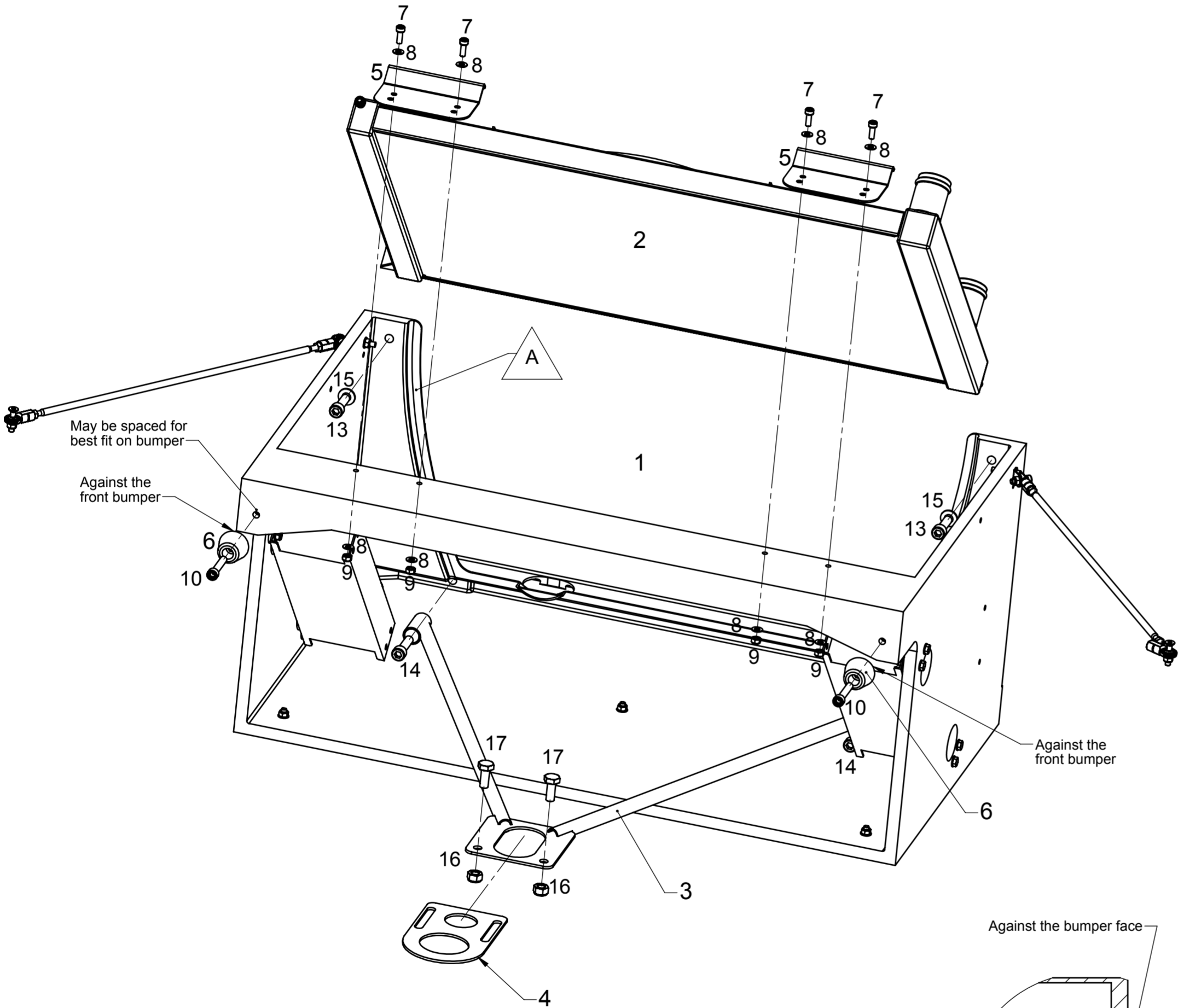
REF.	Description	Part	Qty.	Grade
1	Rear Crash Structure	A0250	1	A
2	Towing Eye Plate	R0015	1	A
3	Exhaust Rear Braket	F0009	2	A
4	M10x20 Cap Head Bolt	-	4	C
5	M10x20 Cap Head Bolt	-	4	C
6	M10 Nyloc Nut	-	6	C
7	M10 Plain Washer	-	2	C
8	M10x40 Cap Head Bolt	-	2	C
9	Exhaust Mounting Rubber	FEM 3003	2	A



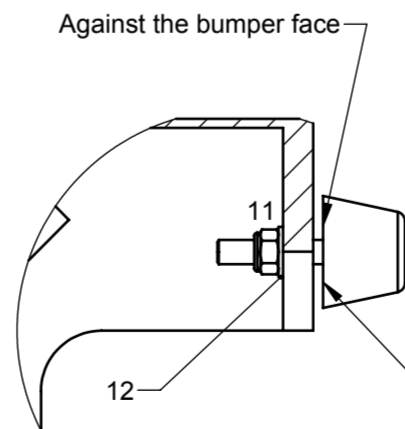
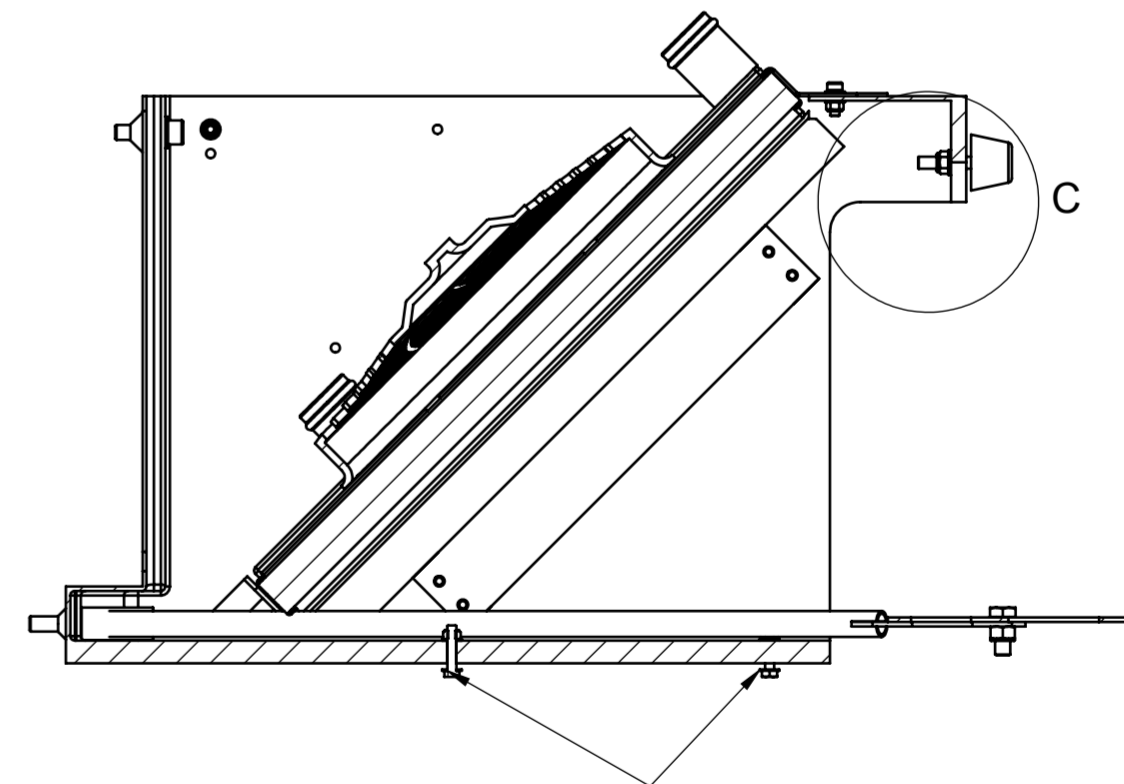
WEIGHT(g)	MATERIAL N/A	COPYRIGHT NOTE THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.	
TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN: ML	DESCRIPTION: X0031-A Rear Crash Structure	QUANTITY PER CAR:	
DATE: 19/03/2008			
APPROVED: ML	SCALE N/A	A3	SHEET 1 OF 1
	DRG. NO. X0031-A	REV. A	


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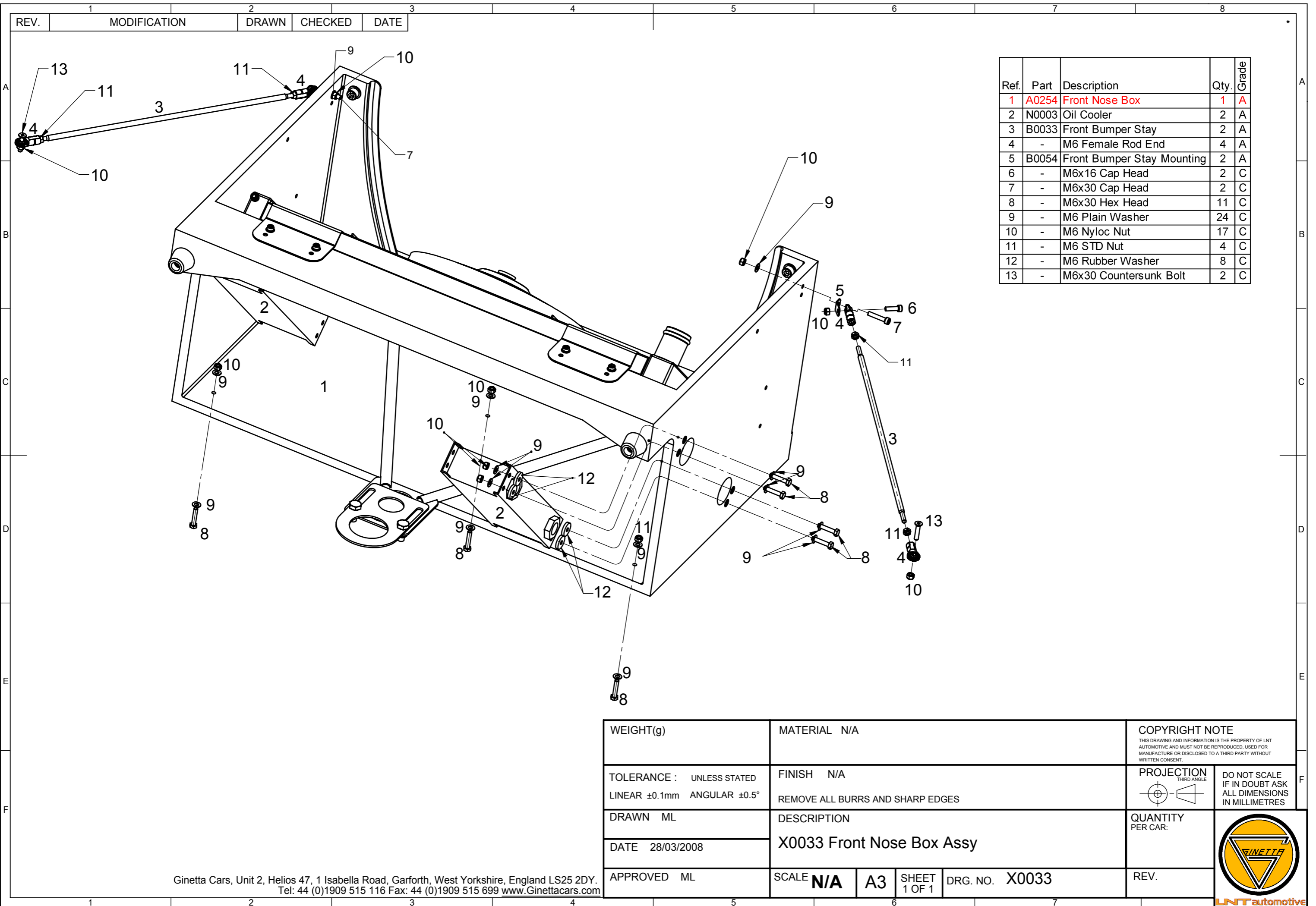
REV.	MODIFICATION	DRAWN	CHECKED	DATE
A	Cut out at the back face of the nose box	ML	ML	26/11/2008



Ref.	Part	Description	Qty.	Grade
1	A0254	Front Nose Box	1	A
2	P0001	Water Radiator	1	A
3	R0039	Towing Eye Frame	1	A
4	R0015	Towing Eye Plate	1	A
5	R0013	Rad Mounting Clamp	2	A
6	B0072	Front Bumper Locator	2	A
7	-	M6x16 Cap Head Bolt	4	C
8	-	M6 Plain Washer	8	C
9	-	M6 Nyloc Nut	4	C
10	-	M8x45 Cap Head	2	C
11	-	M8 Nyloc Nut	2	C
12	-	M8 Plain Washer	2	C
13	-	M10x35 Cap Head Bolt	2	C
14	-	M10x40 Cap Head Bolt	2	C
15	-	M10 Plain Washer	2	C
16	-	M10 Nut	2	C
17	-	M10x25 Hex Head Bolt	2	C



WEIGHT(g)	MATERIAL	COPYRIGHT NOTE	
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TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°	FINISH	PROJECTION	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
	N/A	THIRD ANGLE	
DRAWN ML	DESCRIPTION	QUANTITY PER CAR:	
DATE 28/03/2008	X0032-A Front Nose Box Assy	N/A	
APPROVED ML	SCALE 1:20 A2 SHEET 1 OF 1 DRG. NO. X0032-A	REV. A	



REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

Ref.	Part	Description	Qty.	Grade
1	A0254	Front Nose Box	1	A
2	N0003	Oil Cooler	2	A
3	B0033	Front Bumper Stay	2	A
4	-	M6 Female Rod End	4	A
5	B0054	Front Bumper Stay Mounting	2	A
6	-	M6x16 Cap Head	2	C
7	-	M6x30 Cap Head	2	C
8	-	M6x30 Hex Head	11	C
9	-	M6 Plain Washer	24	C
10	-	M6 Nyloc Nut	17	C
11	-	M6 STD Nut	4	C
12	-	M6 Rubber Washer	8	C
13	-	M6x30 Countersunk Bolt	2	C

WEIGHT(g)		MATERIAL N/A		COPYRIGHT NOTE <small>THIS DRAWING AND INFORMATION IS THE PROPERTY OF LNT AUTOMOTIVE AND MUST NOT BE REPRODUCED, USED FOR MANUFACTURE OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT.</small>	
TOLERANCE : UNLESS STATED LINEAR ±0.1mm ANGULAR ±0.5°		FINISH N/A REMOVE ALL BURRS AND SHARP EDGES		PROJECTION THIRD ANGLE 	
DRAWN ML		DESCRIPTION		QUANTITY PER CAR:	
DATE 28/03/2008		X0033 Front Nose Box Assy			
APPROVED ML		SCALE N/A	A3	SHEET 1 OF 1	DRG. NO. X0033
				REV.	

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REV.	1	2	3	4	5	6	7	8
	MODIFICATION	DRAWN	CHECKED	DATE				

GT4 2010 Update

Step 1

Ref.	PART	DESCRIPTION	STEP 1/QTY.
1	A0283	Hinge Mounting Plate Bush Lower	2
2	A0282	Hinge Mounting Plate Bush Upper	2
3	A0431	Hinge MTG Plate RH - Assy	1
4	-	M8 Lock Nut	4
5	-	M8 WASHER	4
6	-	M8x30 cap head	2
7	-	M8x65 cap head	2

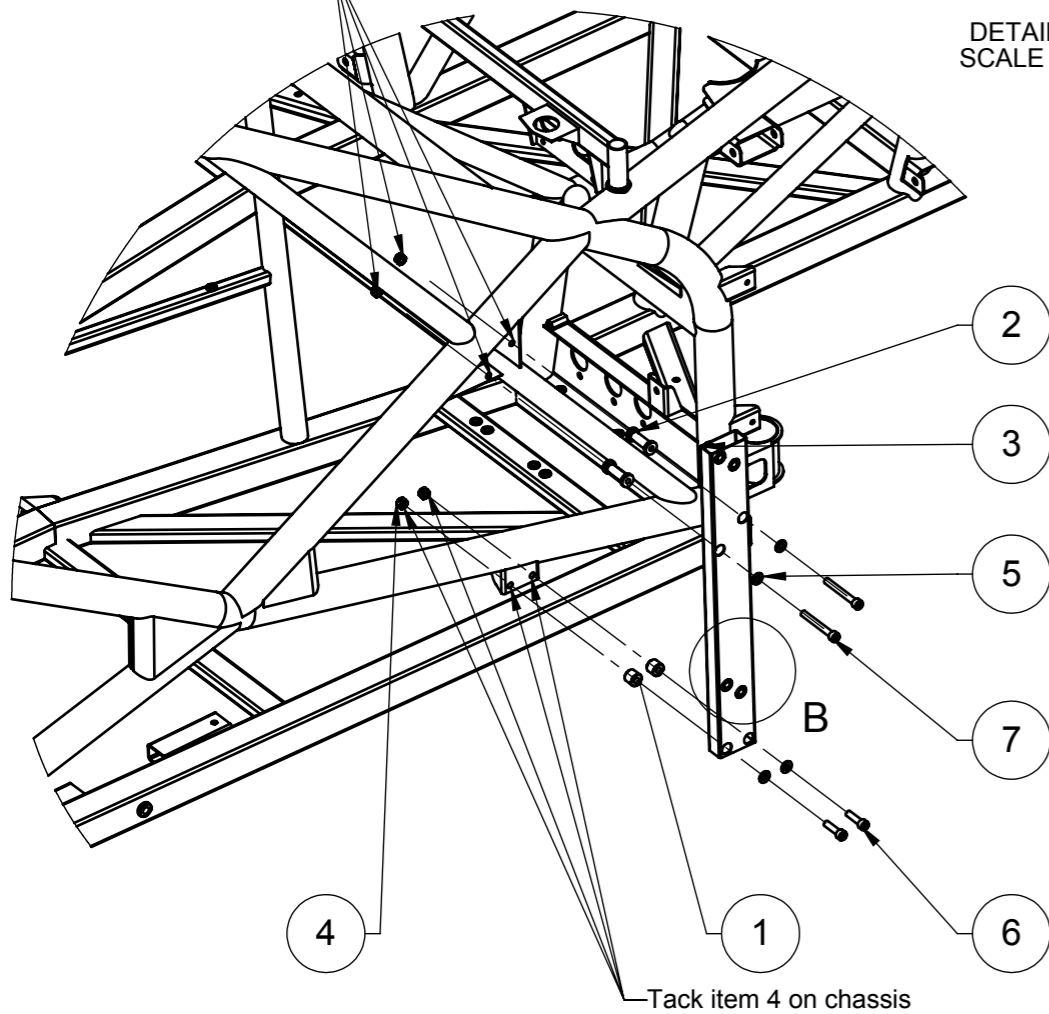
-Item 3 to replace part A0280-B
-Drill item 2 in order to clear a M8 bolt



DETAIL B
SCALE 1 : 5

Tack item 4 on chassis

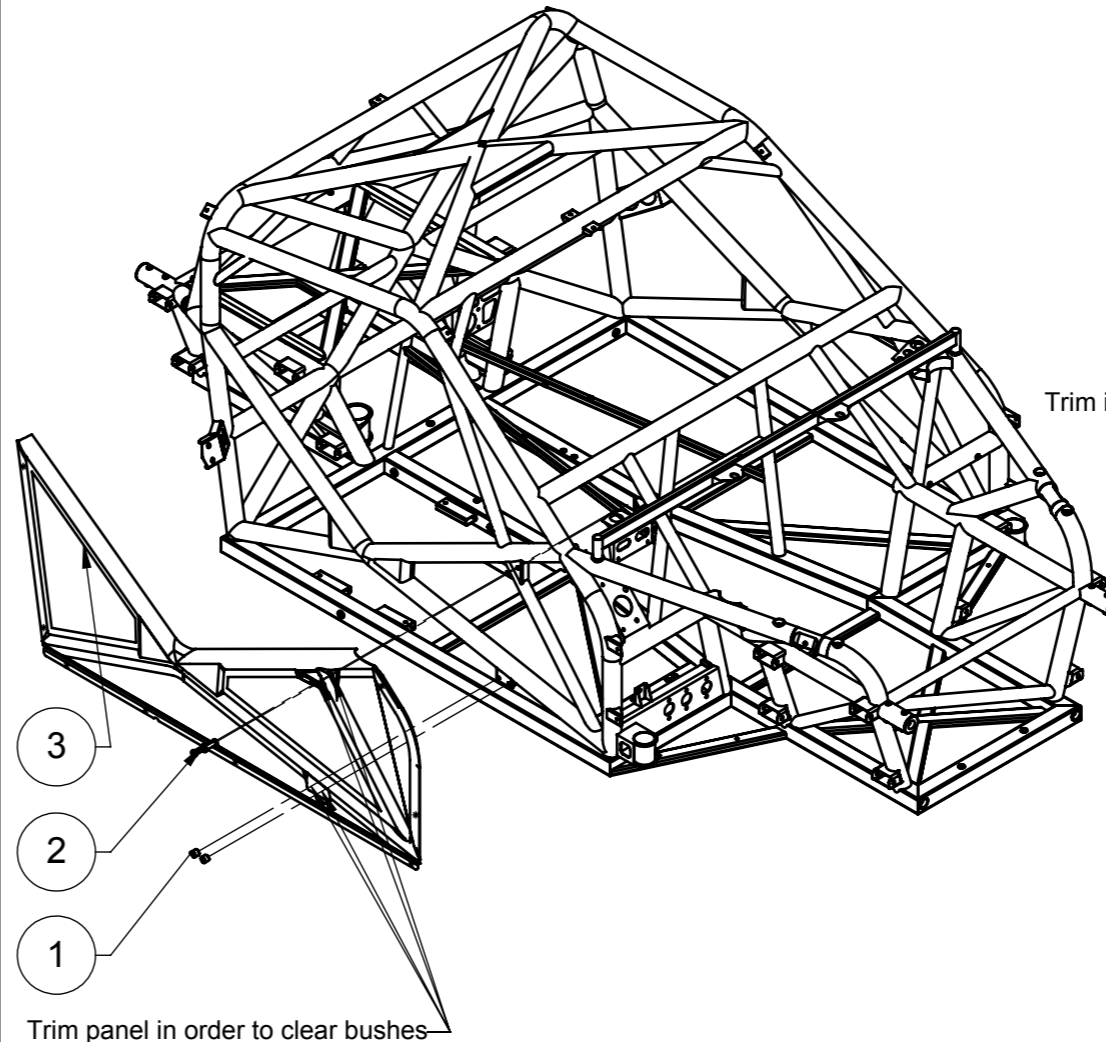
Threaded inserts for hinge MTG



Tack item 4 on chassis

Step 2

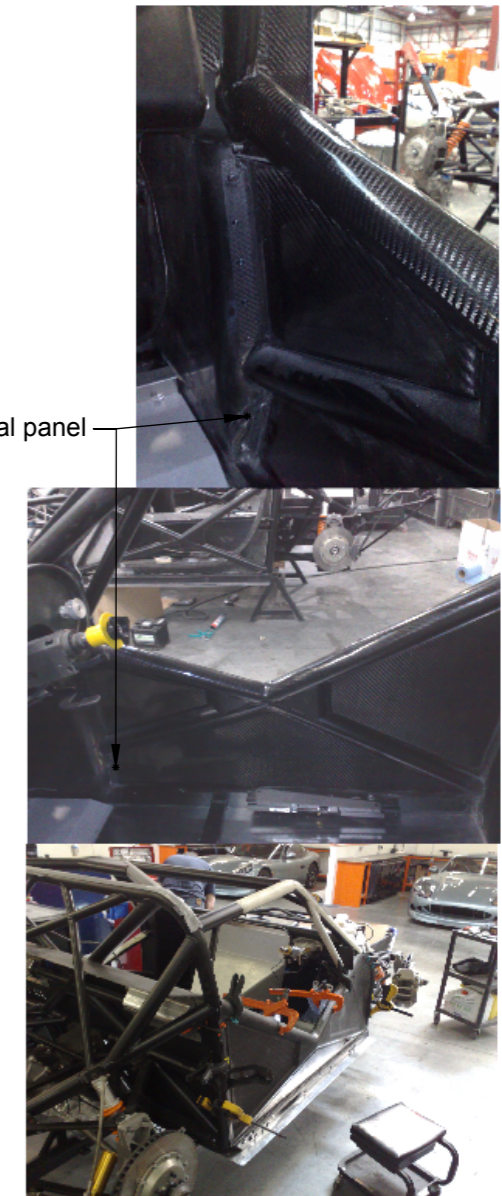
REF.	PART	DESCRIPTION	STEP 2/QTY.
1	A0283	Hinge Mounting Plate Bush Lower	2
2	A0282	Hinge Mounting Plate Bush Upper	2
3	B0157-A	G-50Z Inner Side Chassis Panel RH Assy	1



Trim panel in order to clear bushes

-Bond item 1 in place using sikaflex
-Rivet and clamp panel in place whilst the bonding process

Trim internal panel



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TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN ML	DESCRIPTION X0064 Side Impact Structure Assy	QUANTITY PER CAR:	-
DATE 25/02/2010	SCALE N/A	DRG. NO. X0064	REV.
APPROVED ML	A3	SHEET 1 OF 2	

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1	2	3	4	5	6	7	8
REV.	MODIFICATION	DRAWN	CHECKED	DATE			

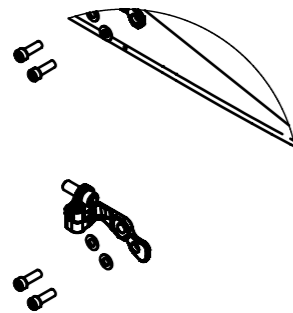
GT4 2010 Update

Step 3

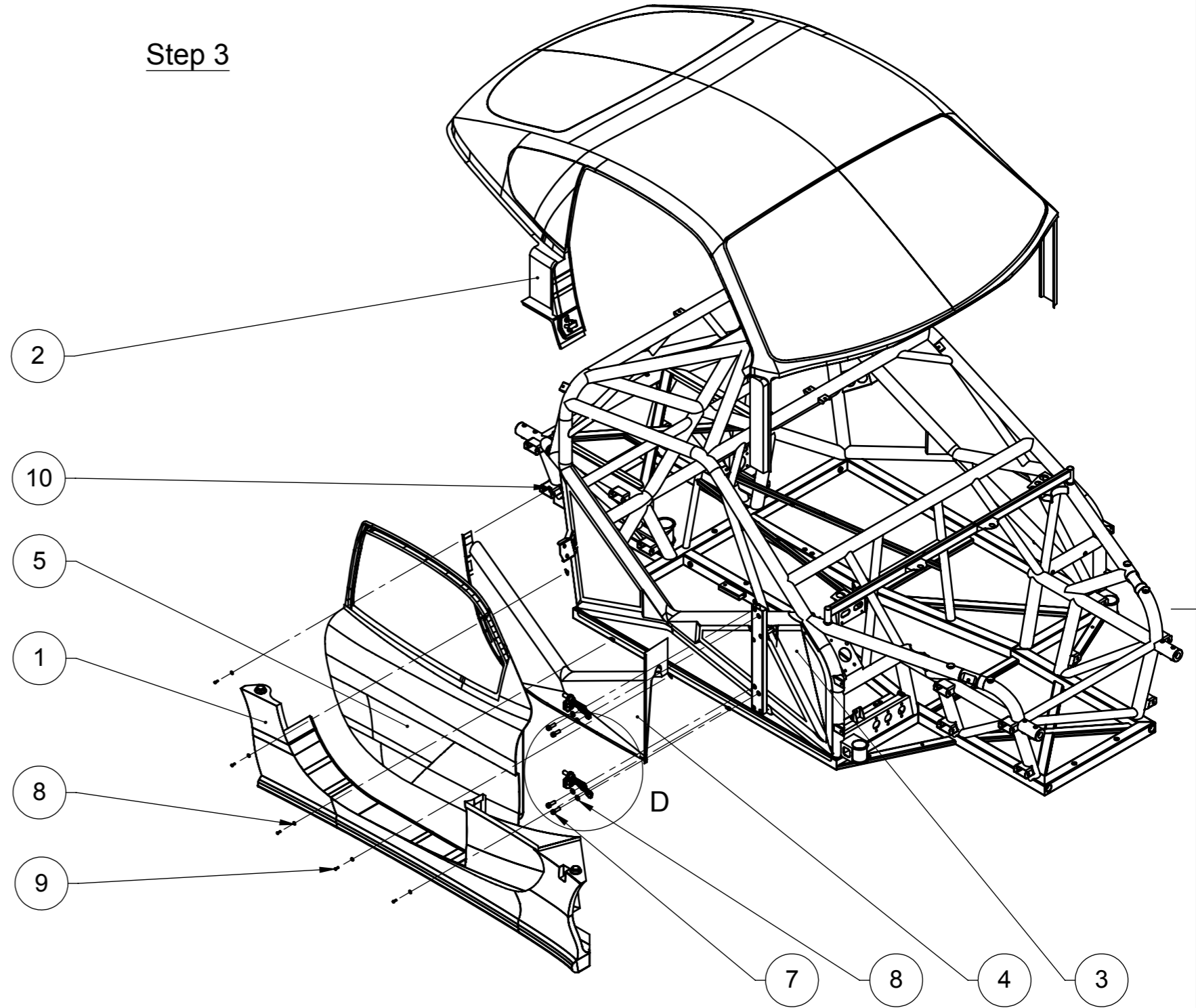
Ref.	PART	DESCRIPTION	STEP 3/QTY.
1	B0022	Side Sill RH	1
2	B0024	Roof	1
3	B0157-A	G-50Z Inner Side Chassis Panel RH Assy	1
4	B0170	Zytek G50 Side impact infill	1
5	B0185	GT4 Foam Filled RH Door	1
6	-	M10 plain washer	4
7	-	M10x30 cap head	4
8	-	M5 washer	5
9	-	M5 x 15 button head	5
10	-	M5 Captive Nut	5

-Item 10 to be rivet on item 4

DETAIL D
SCALE 1 : 10



-Door hinge to be nut and bolt trough the door using M14x40 cap head bolts



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TOLERANCE : LINEAR ±0.1mm ANGULAR ±0.5°	FINISH: N/A REMOVE ALL BURRS AND SHARP EDGES	PROJECTION THIRD ANGLE 	DO NOT SCALE IF IN DOUBT ASK ALL DIMENSIONS IN MILLIMETRES
DRAWN: ML DATE: 23/02/2010	DESCRIPTION X0064 Side Impact Structure Assy	QUANTITY PER CAR: -	
APPROVED: ML	SCALE N/A	DRG. NO. X0064	
	A3	SHEET 2 OF 2	REV.

Part #: X0039
Ginetta G50 Fire Extinguisher
Assembly: G50R0008





ROLL OVER PROTECTION SYSTEM CERTIFICATE

(Please complete in BLOCK CAPITALS)

MANUFACTURERS DETAILS

MANUFACTURER: GINETTA CARS LTD

ADDRESS: HEWDS 47, BARFORTH, LEEDS, LS25 2DY

TEL. NO: 08457 10 30 30 FAX NO: 0113 385 41 41

E-MAIL: enquiries@ginetta.cars.com

SYSTEM DETAILS

	Main rollbar	Longitudinal strut	Diagonal strut	Front rollbar	Optional Bars
Material	SAE 4130	SAE 4130	CDS2153BK	SAE 4130	SAE 4130
External diameter	50.8 mm	50.8 mm	50.8 mm	50.8 mm	50.8 mm
Wall thickness	2.03 mm	2.03 mm	1.6 mm	2.03 mm	2.03 mm
Elastic limit	62.8 daN/mm ²	62.8 daN/mm ²	36 daN/mm ²	62.8 daN/mm ²	62.8 daN/mm ²
Tensile strength	75.6 daN/mm ²	75.6 daN/mm ²	61.6 daN/mm ²	75.6 daN/mm ²	75.6 daN/mm ²

CAR/S FOR WHICH ROPS IS DESIGNED

MAKE: GINETTA FIA HOMOLOGATION NO(s): N/A

MODEL(s): 650

CAR WEIGHT: 1000 (kg)

DISCIPLINE(S): 650 CUP, BARON ET4, EUROPEAN 614 CUP

THIS CERTIFICATE BECOMES INVALID IF THE STRUCTURE IS MODIFIED IN ANY WAY FROM THE DESIGN SHOWN HEREIN

THIS CERTIFICATE IS ONLY VALID IF FULLY COMPLETED, APPROVED BY THE MSA AND PRINTED ON MSA SECURITY PAPER

MSA REF. NO.



DECLARATION BY DESIGNER for ROPS not complying with FIA/MSA basic designs

I declare that the roll over protection system described herein has been:

(a) ~~tested under my personal supervision~~
(b) ~~shown by stress calculations, or~~
(c) shown by stress calculations carried out under my personal supervision

to meet the strength requirements specified in current FIA/MSA regulations. In addition I declare that all details of the ROPS design including joints, mountings and attachments are in conformity with these regulations. (*Delete as appropriate)

DATE: 14th Dec 2007 SIGNATURE: *[Signature]* NAME: D. M. TOMLIN

PROFESSIONAL QUALIFICATIONS: *C.Eng. MIMechE*

Acceptable signatories must be Corporate Members of the Royal Aeronautical Society, Institution of Civil, Mechanical or Structure Engineers, or their equivalent, or FIA accredited laboratory.

DECLARATION BY MANUFACTURER.

I certify that the ROPS described herein complies with FIA/MSA criteria, in particular with regard to its mountings, joints, connections and stress resistances.

DATE: 4/12/07 SIGNATURE: *[Signature]* NAME: *Paul Barber*

STATUS: *Senior Engineer*

MSA REGISTRATION

The MSA accepts that this document has been completed in accordance with the prevailing regulations.

[Signature]
John Symes
Technical & Risk Control Manager

[Signature]
John Ryan
Technical Executive



MSA STAMP

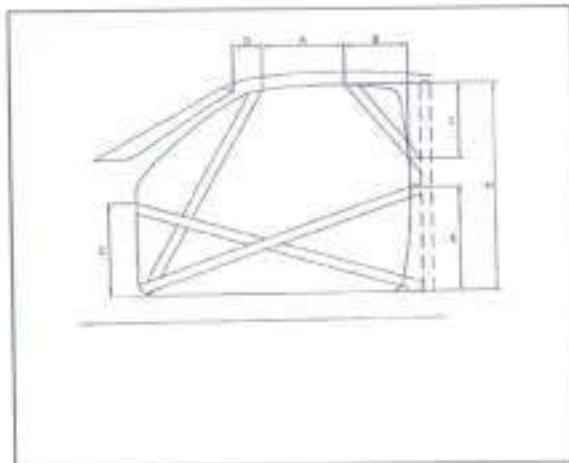
NOTES:

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MSA REF. NO:



MSA REF. NO:



**Door Aperture Reinforcements-
Dimensions.**

Dimension (Please insert where applicable)

- A = (min 300mm)
- B = (max 250mm)
- C = (max 300mm)
- D = (max 100mm)
- E = (max 1/2 height H)

MSA REF. NO



Additional Information Page

Reason for Amendment:

Date:

MSA Signature & Stamp:

Msarops - 12 May 2004

6



FÉDÉRATION INTERNATIONALE DE L'AUTOMOBILE

**DOSSIER DE CERTIFICATION
POUR STRUCTURES DE SECURITE
CERTIFICATION DOSSIER
FOR SAFETY STRUCTURES**

CONSTRUCTEUR DE LA VOITURE
CAR MANUFACTURER

GINETTA CARS LTD
Helios 47
Leeds
UK

TYPE DE VOITURE
CAR TYPE

G50 (LS25 2DY)

DATE DE FABRICATION DU 1^{er} EXEMPLAIRE
DATE OF MANUFACTURE OF THE 1st UNIT

12.2007



NUMERO DE DOSSIER
DOSSIER NUMBER

TAMPON ET SIGNATURE
STAMP AND SIGNATURE

DATE

ST-08-0A

Fédération Internationale de l'Automobile
Chemin de St-Jeannet, 2
CH-1291 COUVREVE 15
Tél: 41 22 544 44 00
Fax Sport: 41 22 544 44 50

04/12/2009

STRUCTURE ABSORBANTE FRONTALE FRONTAL ABSORBING STRUCTURE

NUMERO D'APPROBATION
APPROVAL NUMBER

ST-CB-08-0A

ESSAI DE CHOC / CRASH TEST

(conformément à l'article 258A-16 de l'Annexe J / in accordance with article 258A-16 of Appendix J)

EFFECTUE PAR CARRIED OUT BY	DATE	DELEGUE TECHNIQUE FIA FIA TECHNICAL DELEGATE	MASSE / VITESSE MASS / VELOCITY
TRL Old Wokingham Road Crowthorne Berkshire RG45 6AU UK	04.06.2008	J. CROOK	1050 kg / 14 m.s ⁻¹

**Ginetta G-50
GT4 Homologation
number**

Nat-GT4-009