

**MCD**  
*Racing*

**BBU4**

**SPARE PARTS LOCATOR**

001300V4 RACE RUNNER V4 COMPETITION

Rev 3.0 07/2010





# THANK YOU

Thank you for selecting MCD RRV4. This car is designed to ensure you the best driving experience possible. With its highly engineered and durable composite parts you will have a dedicated constancy and rapid responses to your commands. Please enjoy driving your rock solid MCD.



**CAUTION**

Please take attention on the instructions. Otherwise you can damage your kit and cause serious injury or death.



**CAUTION**

Please use extreme caution when operating fuel powered R/C cars. These models use use highly poisonous and flammable fuels. The cars can exceed speeds of 50 m.p.h. and cause serious self injury and damage to property.

## **Safety Guides When Operating Gasoline Engines**

- For operating the engine a mixture of gasoline and two cycle oil are required. Please use extreme caution with gasoline.
- Running the car near open flames can cause your car to catch fire. Do not smoke while refueling your model.
- Always store fuel in a well ventilated place, Keep away from heating devices, open flames, direct sunlight, or batteries while storing.
- Gasoline is flammable and poisonous. Gasoline powered model engines emit poisonous vapours. These vapours can irritate eyes and can be highly dangerous to your health.
- For the engine you can mount on our car, you must only use a mixture of gasoline and two cycle oil as fuel .
- Operation overheats some parts such as the exhaust and the engine. Do not touch them until they have cooled.
- Before storing the car please empty the fuel tank .
- Keep fuel away from children.
- Store in a well ventilated area.
- Do not touch the moving parts while the engine is running.



**ATTENTION**

Apply lock nut cement to all metric screws.

WASH BODY SHELL BEFORE PAINTING  
WITH WASHING UP LIQUID  
REMOVE PROTECTION FILM AFTER PAINTING

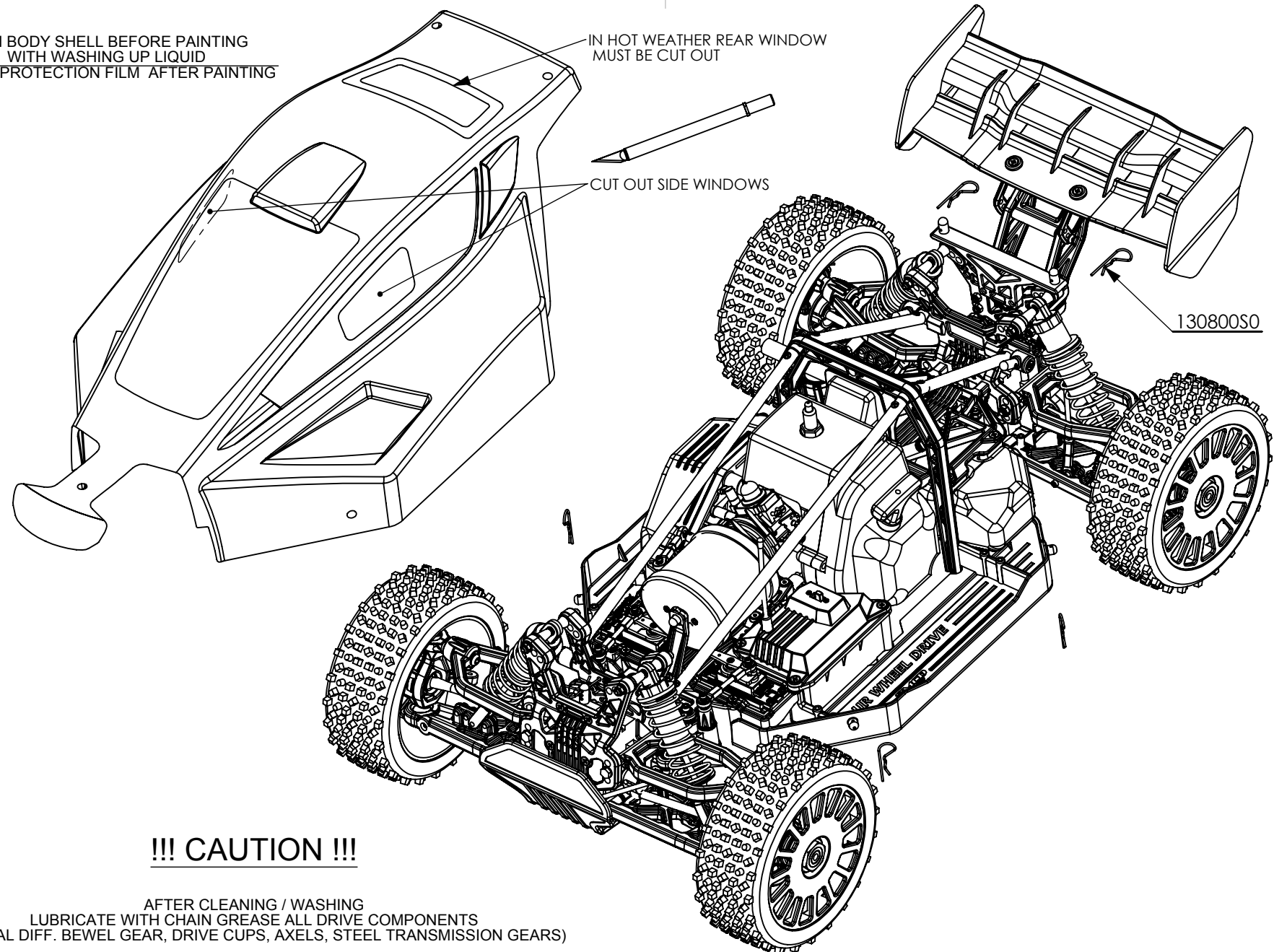
IN HOT WEATHER REAR WINDOW  
MUST BE CUT OUT

CUT OUT SIDE WINDOWS

130800S0

**!!! CAUTION !!!**

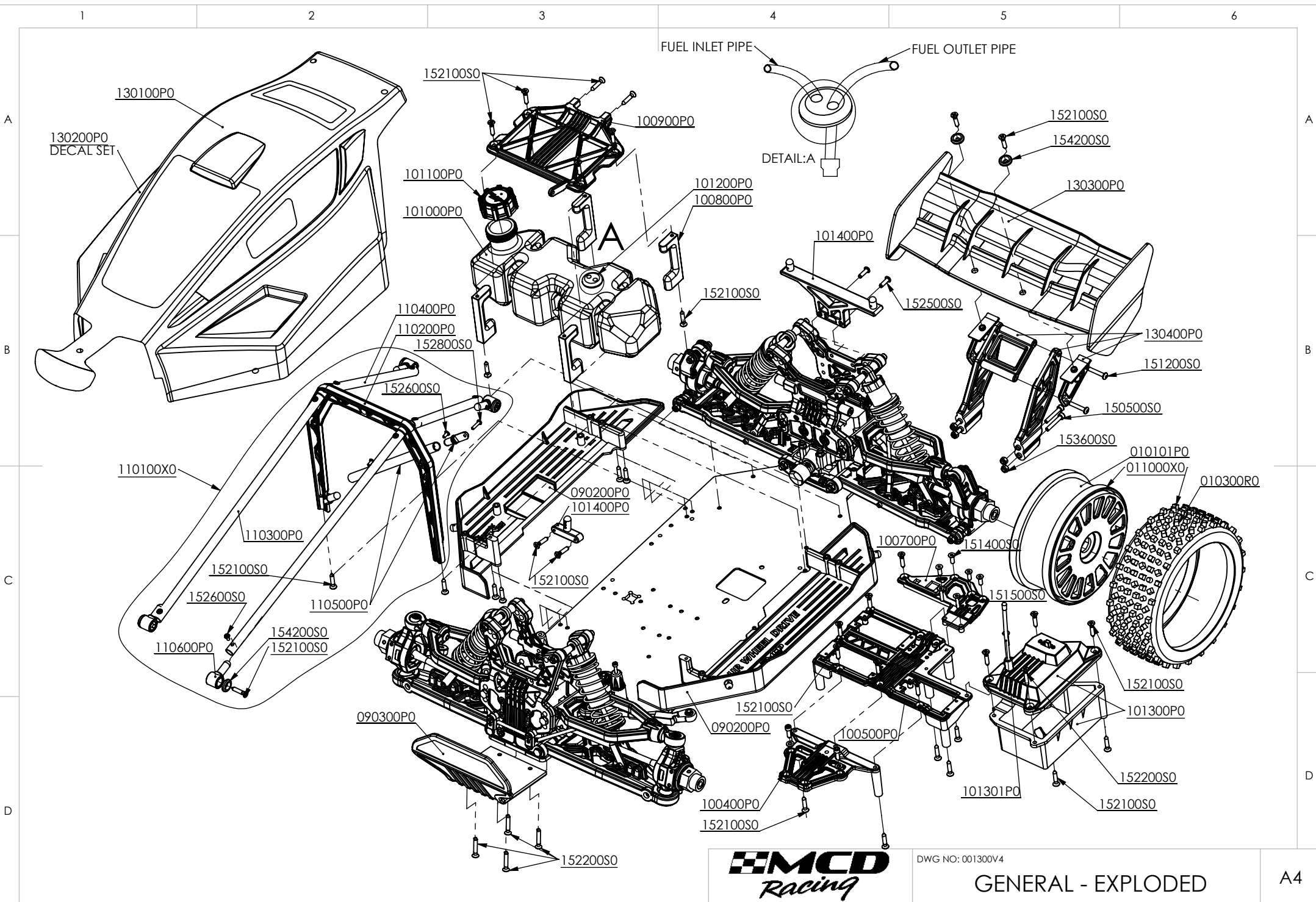
AFTER CLEANING / WASHING  
LUBRICATE WITH CHAIN GREASE ALL DRIVE COMPONENTS  
(CENTRAL DIFF. BEWEL GEAR, DRIVE CUPS, AXELS, STEEL TRANSMISSION GEARS)



DWG NO: 001300V4

GENERAL VIEW

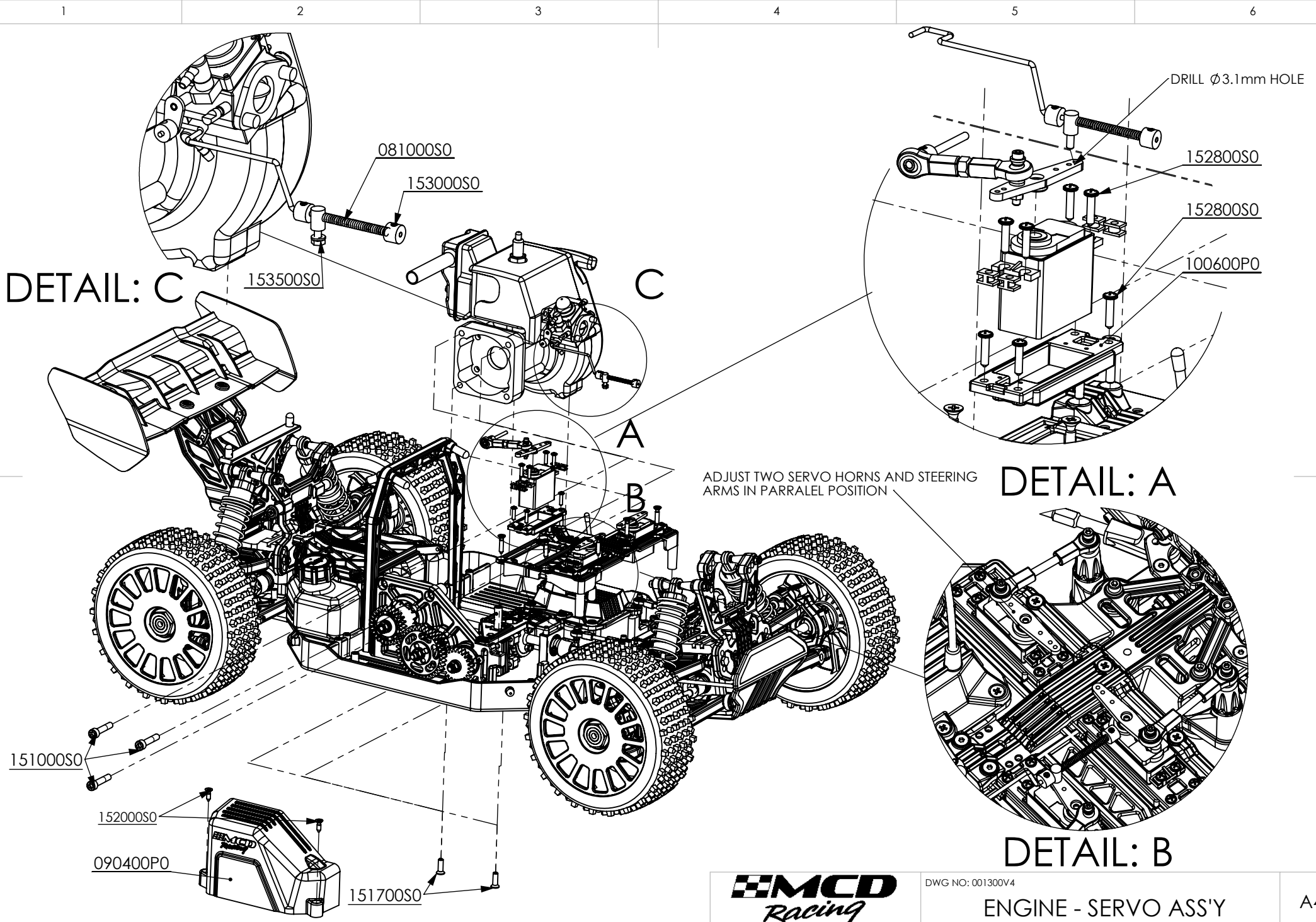
A4



DWG NO: 001300V4

GENERAL - EXPLODED

A4



DETAIL: C

DETAIL: A

DETAIL: B

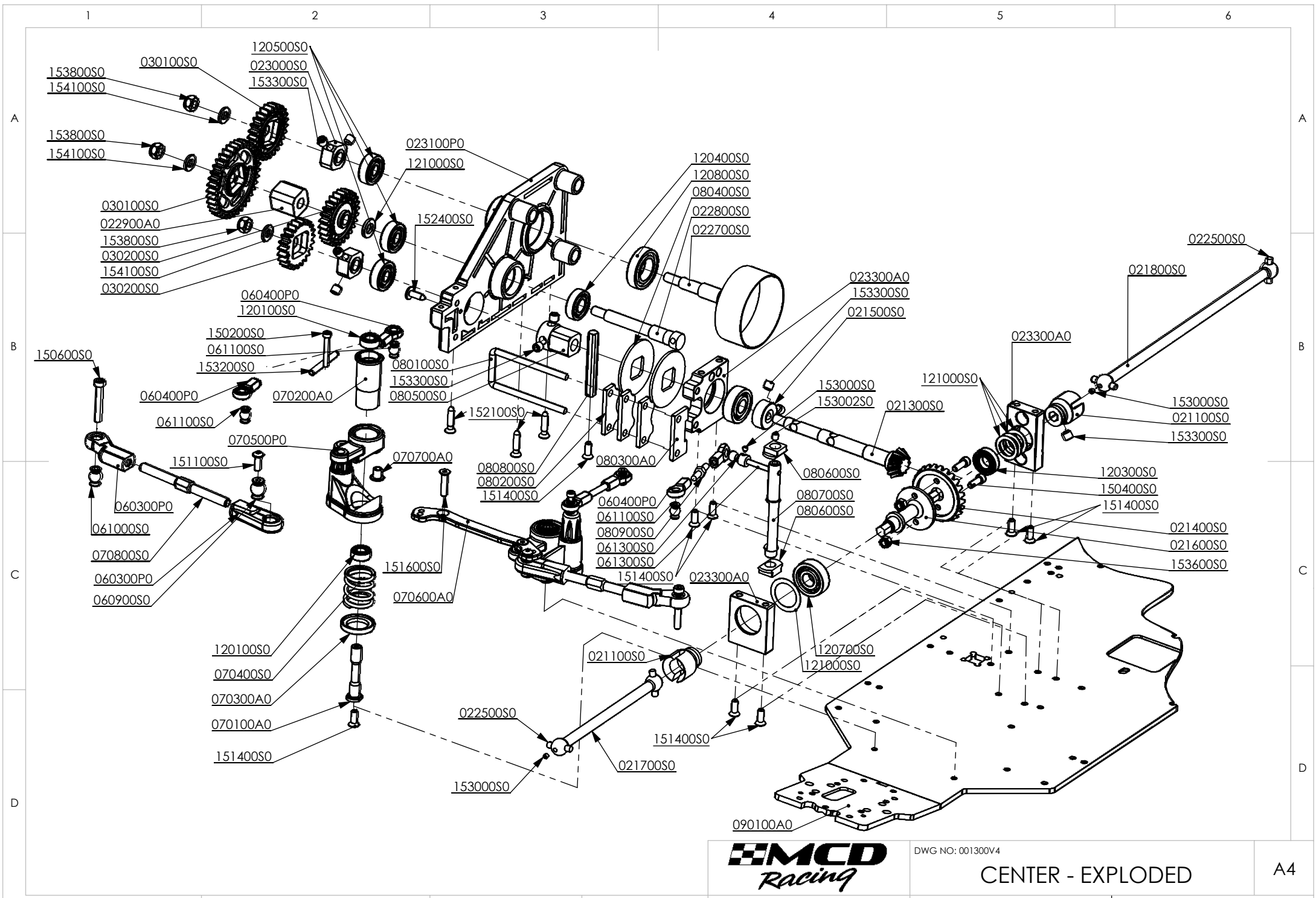
ADJUST TWO SERVO HORNS AND STEERING ARMS IN PARRALEL POSITION



DWG NO: 001300V4

ENGINE - SERVO ASS'Y

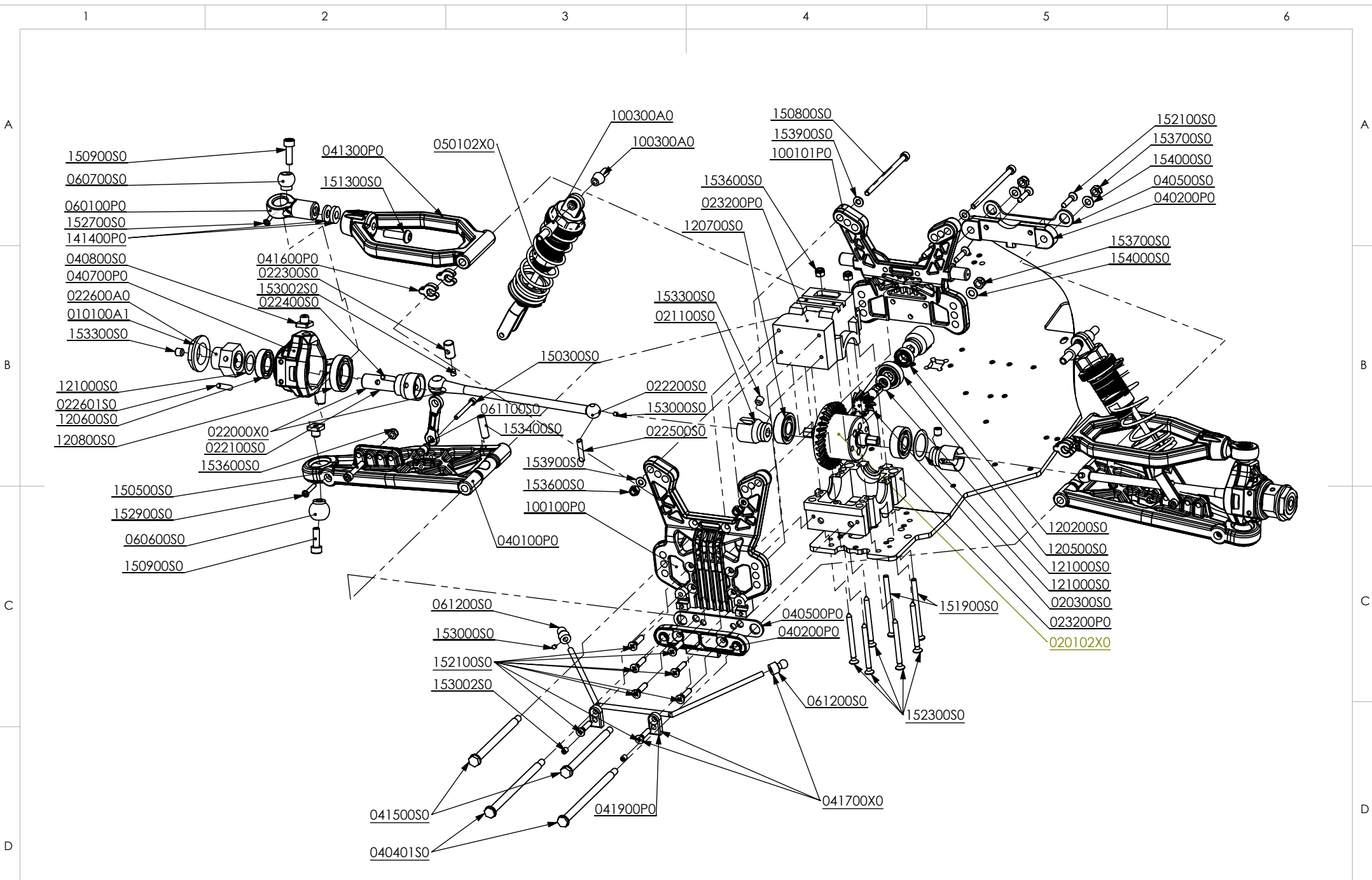
A4



DWG NO: 001300V4

CENTER - EXPLODED

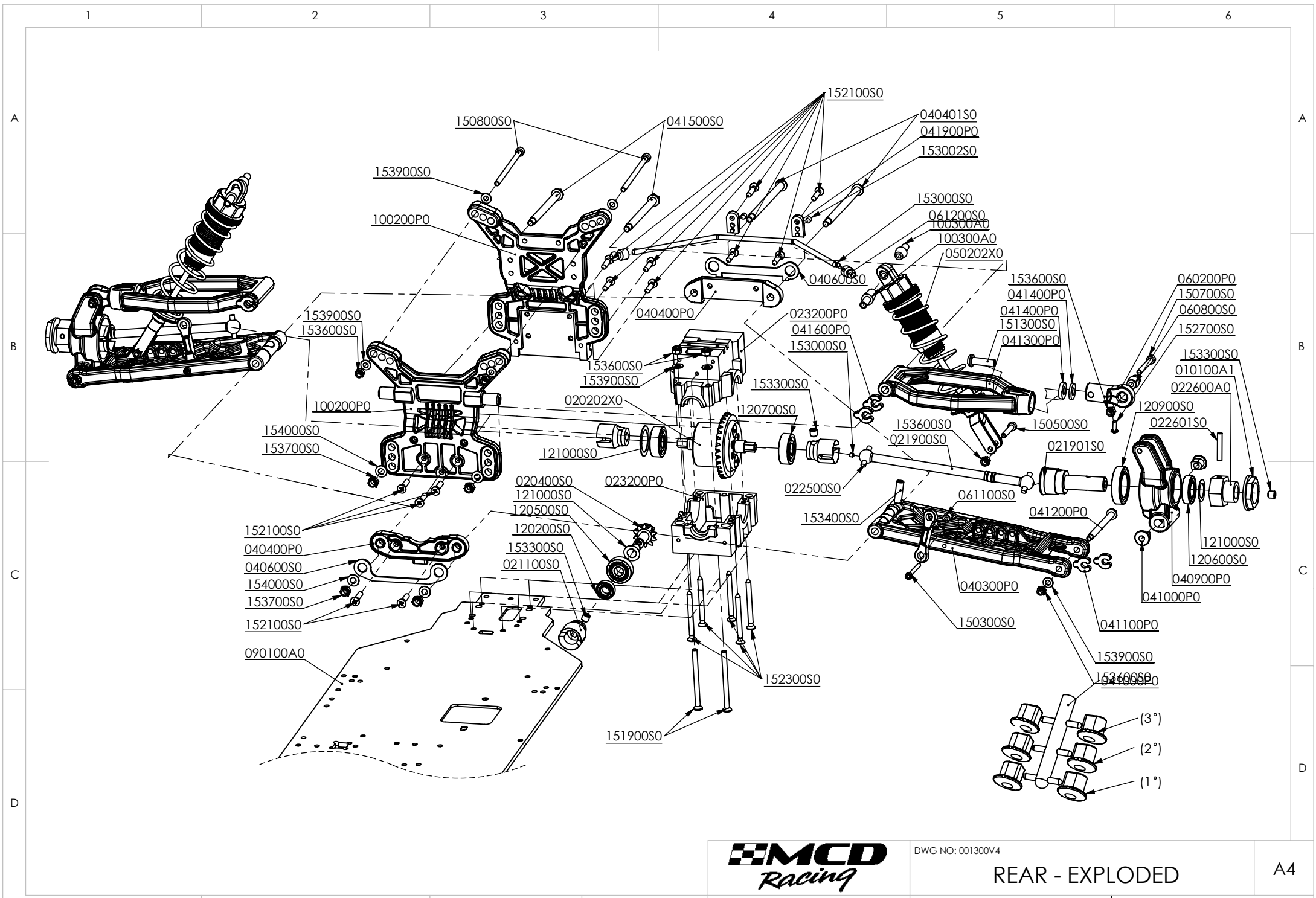
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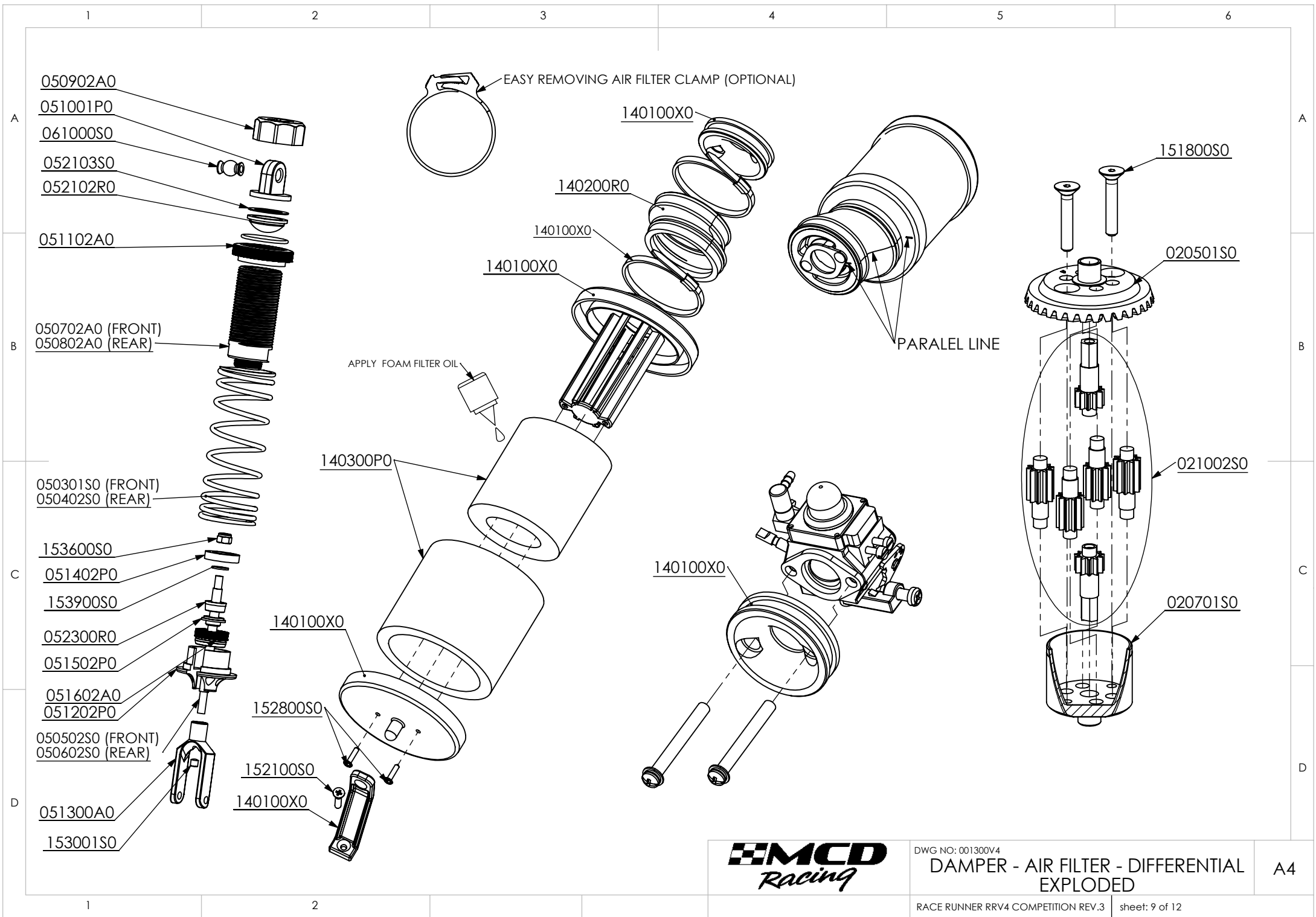
DWG NO: 001300V4

FRONT - EXPLODED

A4







1

2

3

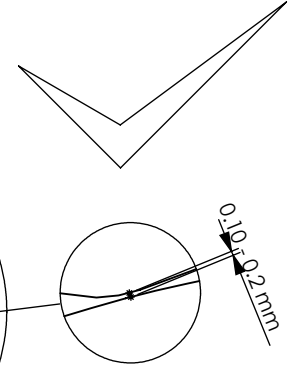
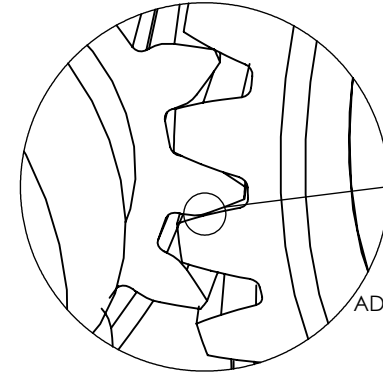
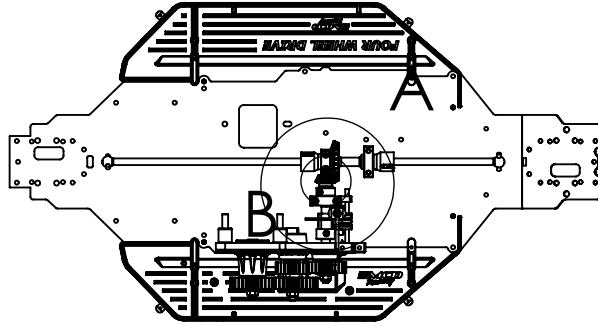
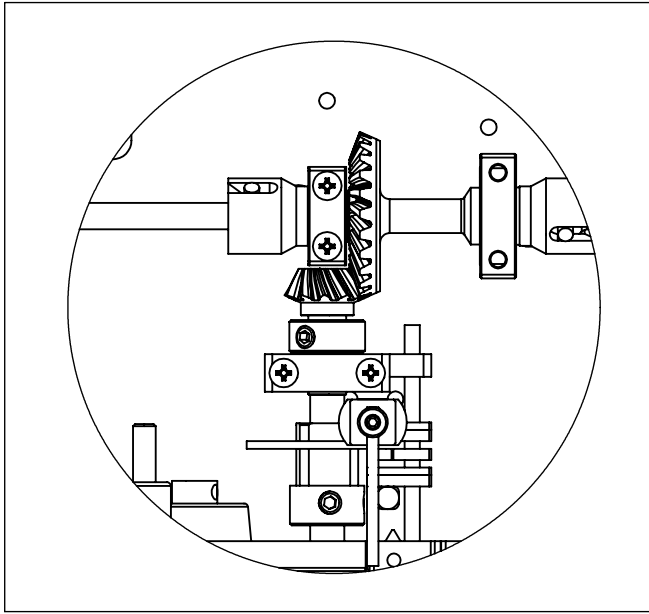
4

5

6

A

B



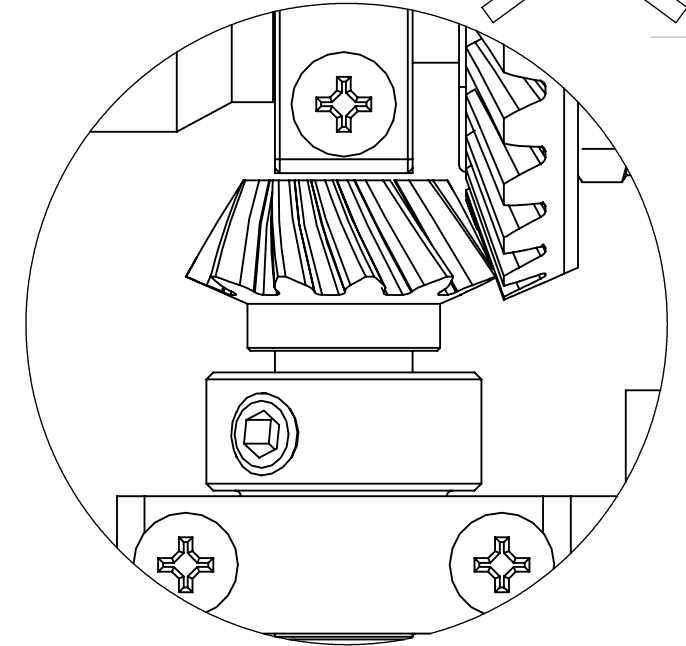
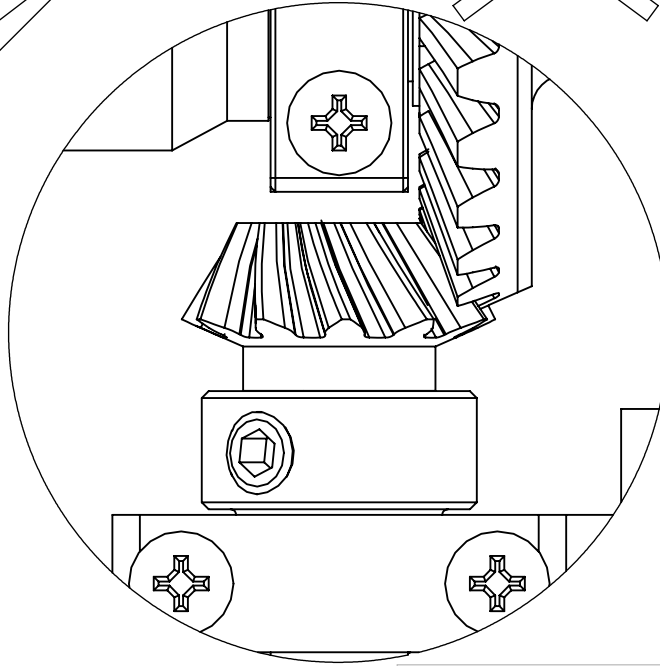
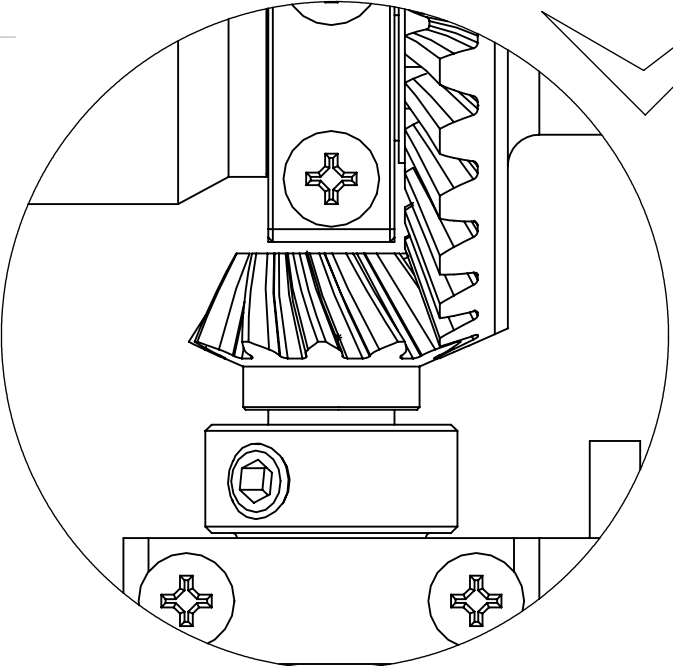
ADJUST GEARS GAP 0,1 - 0,2 mm

A

B

C

D



C

D

ADJUST CORRECT GEAR MESHING BY USING BEARING SHIMS AND LAY SHAFT SET SCREW



CENTER GEARS ASSEMBLY

A4

1

2



080600S0	Brake Square Eccentric Shaft Carrier	050602S0	Rear Shock Shaft Q5x86mm 07/2010
080700S0	Brake Eccentric Shaft.	050702A0	Front Shock Body 07/2010
080800S0	Brake Pad Stopper pin ( Square)	050703P0	Front-Rear Shock Body Set. (SPORT) 07/2010
080900S0	Brake Turnbuckle M4x25mm	050802A0	Rear Shock Body 07/2010
081000S0	Throttle Linkage	050902A0	Shock Absorber Upper Lid 07/2010
<b>Chassis, Guards &amp; Bumpers</b>			
090100A0	Chassis 532-540	051001P0	Shock Absorber Upper Plastic Joint 07/2010
090200P0	Chassis Side Guard L/R Set	051103A0	Shock Absorber Spring Adjustment Wheel (SPORT) 07/10
090300P0	Front Bumper	051202P0	Shock Spring Table 07/2010
090400P0	Gear Guard	051300A0	Shock Absorber Fork Alloy
090500P0	Side Guard Lexan Monster (PulStart Left)	051402P0	Shock Absorber Piston 07/2010
090600P0	Side Guard Lexan Monster (Gear Right)	051502P0	Shock Absorber Inner Lid 07/2010
<b>Other, Towers, Holders &amp; Plates</b>			
100100P0	Front Shock Tower Inner Outer Set	051602A0	Shock Absorber Lower Lid Alloy 07/2010
100200P0	Rear Shock Tower Inner Outer Set	052102R0	Shock Absorber Air Cell Rubber 07/2010
100300A0	Tower Shock Mounting Posts Set	052103S0	Shock Absorber Air Cell Washer Ø15XØ22X0.5mm 07/10
100400P0	Steering Upper Deck Plate	052300R0	Shock Absorber Oil Seal Q5-11-5 07/2010
100500P0	Servo Mount Plate	<b>Roll Bars</b>	
100600P0	Standard Size Servo Adapters	110100X0	Roll Cage Set Complete
100700P0	Brake Upper Deck Plate	110200P0	Roll Cage U Plastic
100800P0	Fuel Tank Holders	110300P0	Roll Cage Front Pipes
100900P0	Fuel Tank Upper Deck Plate	110400P0	Roll Cage Rear Pipes
101000P0	Fuel Tank.	110500P0	Roll Cage Central Brace
101100P0	Fuel Tank Lid.	110600P0	Roll Cage Pipe - Tower Joints
101200P0	Fuel Tank I/O Holder Rubber + Hose Set	<b>Bearings</b>	
101300P0	Radio / Battery Box	120100S0	Ball Bearing 687 7x14x5
101301P0	RX Antenna Stick	120200S0	Ball Bearing 688 8x16x5
101400P0	Race Runner Body Holder Set	120300S0	Ball Bearing 6800 10x19x5
101500P0	Monster Truck Body Holder Set	120400S0	Ball Bearing 6900 10x22x6
101600P0	Servo Plate / Chassis Spacer For Monsters	120500S0	Ball Bearing 608 8x22x7
101700P0	Cheetah Body Holder Set	120600S0	Ball Bearing 6901 12x24x6
<b>Product Code</b>	<b>Product Name</b>	120700S0	Ball Bearing 6000 10x26x8
<b>Screws, Nuts &amp; Washers</b>			
150100S0	ISB3x20 Hex Socket Head Type Screw M3x20	120800S0	Ball Bearing 6903 17x30x7
150200S0	ISB3x25 Hex Socket Head Type Screw M3x25	120900S0	Ball Bearing 6804 20x32x7
150300S0	ISB3x30 Hex Socket Head Type Screw M3x30	121000S0	Bearing Adjustment Shims Complete Set
150400S0	ISB4x12 Hex Socket Head Type Screw M4x12	<b>BodyShells, Decals &amp; Wings</b>	
150500S0	ISB4x25 Hex Socket Head Type Screw M4x25	130100P0	Race Runner V4 Body Shell
150600S0	ISB4x30 Hex Socket Head Type Screw M4x30	130200P0	Race Runner V4 Decal Set
150700S0	ISB4x35 Hex Socket Head Type Screw M4x35	130300P0	V4 Rear Wing
150800S0	ISB4x70 Hex Socket Head Type Screw M4x70	130400P0	V4 Wing Mounts
150900S0	ISB5x16 Hex Socket Head Type Screw M5x16	130500P0	Monster Truck Body Shell.
151000S0	ISB6x30 Hex Socket Head Type Screw M6x30	130600P0	Monster Truck Decal Set
151100S0	BBI4x12 Round Head Hex type Screw 4x12	130700P0	Monster Truck Body Shell Roll Cage
151200S0	BBI4x20 Round Head Hex type Screw 4x25	130800S0	Body Mount Clips
151300S0	BBI6x20 Round Head Hex type Screw 6x20	130900P0	Cheetah V4 Body Shell
151400S0	IHB4x12 Countersink head type Hex Socket Screw M4x12	131000P0	Cheetah V4 Decal Set
151500S0	IHB4x16 Countersink head type Hex Socket Screw M4x16	<b>Accessories</b>	
151600S0	IHB4x20 Countersink head type Hex Socket Screw M4x20	140100X0	Off- Road Air Filter Complete
151700S0	IHB5x16 Countersink head type Hex Socket Screw M5x16	140200R0	Off-Road Air filter Hose
151800S0	IHB5x30 Countersink head type Hex Socket Screw M5x30	140300P0	Off-Road Air Filter Foam Standard
151900S0	YHB4x55 Countersink head type Cross Socket Screw M4x55	140400P0	Off-Road Air Filter Foam Race
152000S0	YHB4x13 Countersink head Cross Self Tap V4x13	140500P0	Air Filter Easy Clamp
152100S0	YHB4x20 Countersink head Cross Self Tap V4x20	140600P0	Shock Absorber Silicon Oil 1000 ( 50ml )
152200S0	YHB4x25 Countersink head Cross Self Tap V4x25	140700P0	Shock Absorber Silicon Oil 1500 ( 50ml )
152300S0	YHB4x50 Countersink head Cross Self Tap V4x50	140800P0	Shock Absorber Silicon Oil 2000 ( 50ml )
152400S0	RYSB4x13 Socket Cross head Self Tap V4x13	140900P0	Shock Absorber Silicon Oil 2500 ( 50ml )
152500S0	YSB4x13 Socket Cross head Self Tap V4x13	141000P0	Shock Absorber Silicon Oil 3000 ( 50ml )
152600S0	YSB3x7 Socket Cross head Self Tap V3x7	<b>Screws, Nuts &amp; Washers</b>	
152700S0	YSB3x9 Socket Cross head Self Tap V3x9	153600S0	SKM4 Self Lock Hex Nut M4
152800S0	YSB3x13 Socket Cross head Self Tap V3x13	153700S0	SKM5 Self Lock Hex Nut M5
152900S0	YSB3x19 Socket Cross head Self Tap V3x19	153800S0	SKM6 Self Lock Hex Nut M6
153000S0	SET3X4 Hex Socket Set Screw M3x4	153900S0	PM4 Plain Washer 4mm
153001S0	SET4X4 Hex Socket Set Screw M4x4	154000S0	PM5 Plain Washer 5mm
153002S0	SET4X5 Hex Socket Set Screw M4x5	154100S0	PM6 Plain Washer 6mm
153100S0	SET4X20 Hex Socket Set Screw M4x20	154200S0	Countersink Alloy Washer 4mm
153200S0	SET4X35 Hex Socket Set Screw M4x35	154300S0	Countersink Plastic Washer 4mm
153300S0	SET6X6 Hex Socket Set Screw M6x6	154400S0	E-Ring Ø6mm (SPORT)
153400S0	SET6X20 Hex Socket Set Screw M6x20	154500S0	E - Ring Ø5mm (SPORT)
153500S0	SKM3 Self Lock Hex Nut M3		