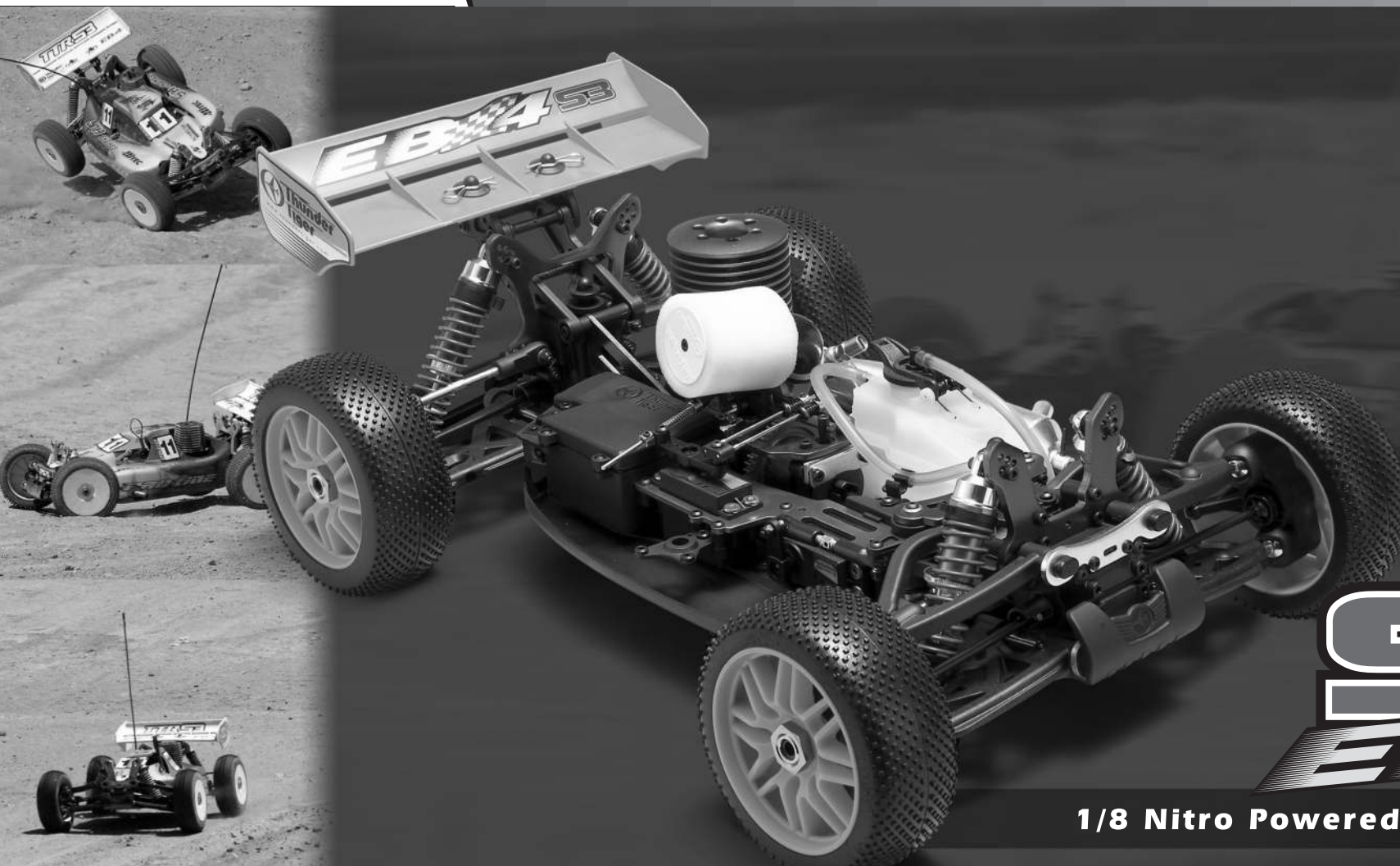




PARTS CATALOG FOR EB-4 S3 RTR

No.6231-F



S3 EB-4

1/8 Nitro Powered 4WD Racing Buggy

The contents shown are subject to change without prior notice due to product improvements and specification changes.

Manufactured by **THUNDER TIGER CORPORATION**

<http://www.thundertiger.com>



No.6231-F

1/8 Nitro Powered RTR Racing Buggy



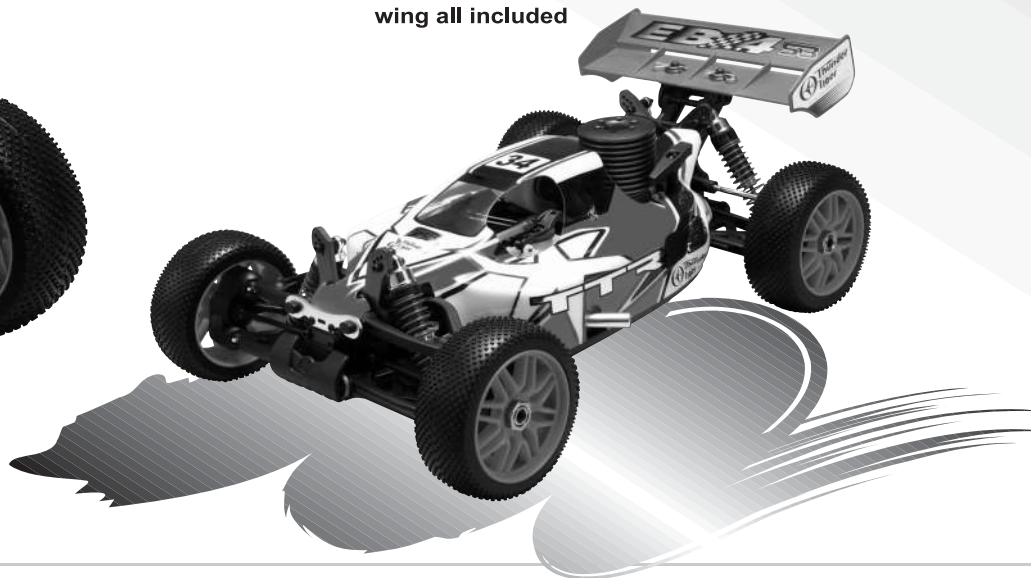
Experience the most outstanding performance ready to run buggy ever. The EB-4 S3 RTR is a fully assembled nitro racing buggy that shares 90% of the same parts as the ROAR championship winner-the EB-4 S3 Pro Kit.

The EB-4 S3 RTR features the powerful Thunder Tiger Pro-21 / PRO-28 pull start engine and the ever popular TT Jaguar radio system, all factory installed for complete and total driving control. A full line of Factory Approved Team performance parts are available for the EB-4 S3 RTR, to let you trick out your buggy to your specifications!



INNOVATIVE FEATURES

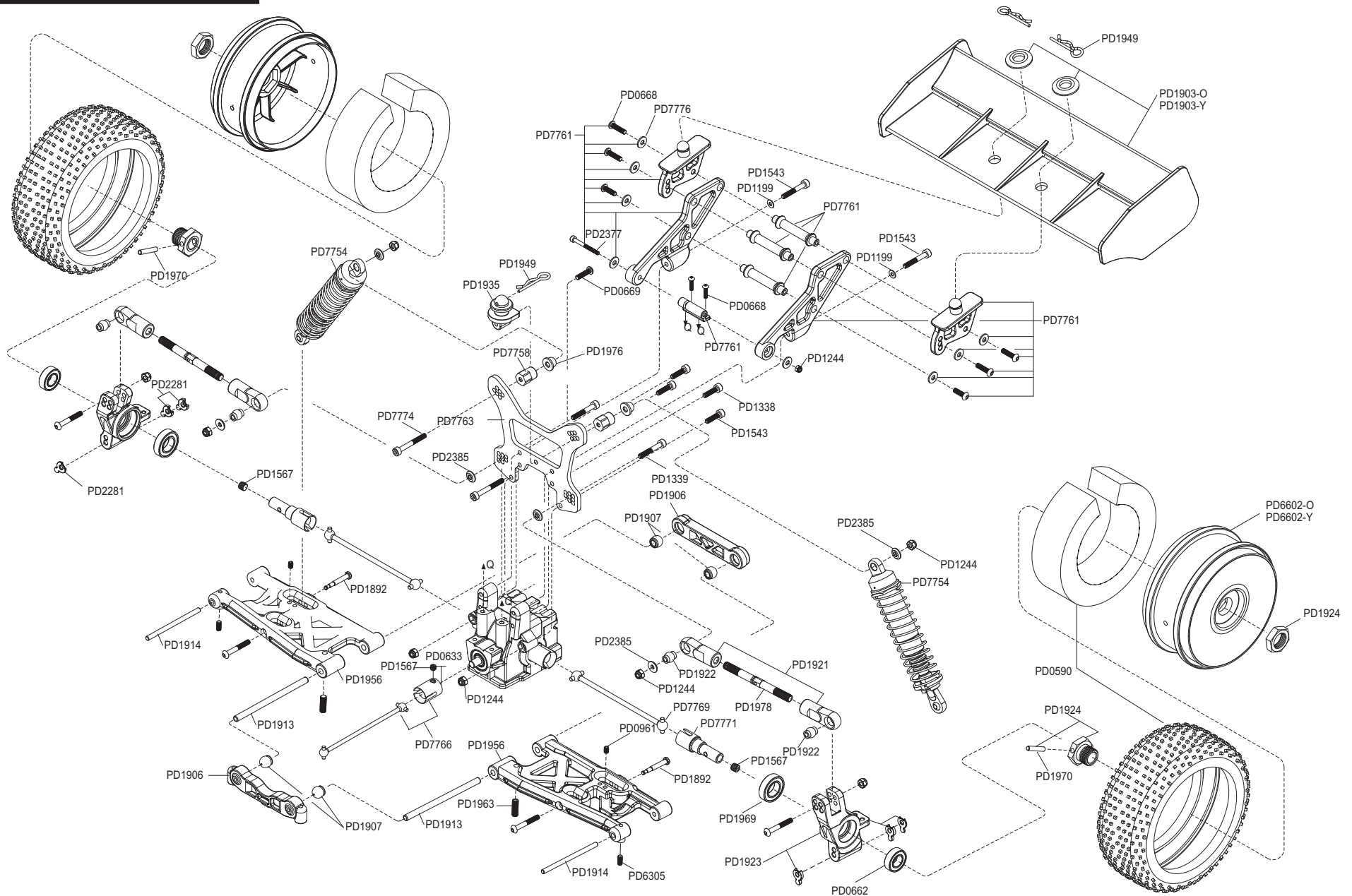
- Anodized chassis with narrow configuration for stable handling.
- Easily adjustable front pivot-ball suspension
- Full metal oil-filled shocks with large volume anodized shock bodies
- Thunder Tiger Pro-21 / Pro-28 ball-raced pullstart engine with slide carburetor
- Dual stage air cleaner
- Polished CNC machined aluminum tuned pipe and manifold
- 3 small-lightened gear differentials with constant shaft driven 4WD design
- Dual metal brake disc
- Heavy duty CVD universal front drive train
- Lightened and small size flywheel
- Anodized alloy front brace, radio tray and center diff top plate
- Laid down steering servo for low center of gravity
- Captured hinge pins require no retaining clips
- Complete set of rubber-sealed ball bearings included
- Wheels, printed polycarbonate body and one piece nylon wing all included



FRONT ASSEMBLY

This exploded view diagram illustrates the assembly of a front wheel. The components are arranged in a logical sequence from the wheel hub and tire on the left to the suspension and steering components on the right. Key parts include the wheel hub (PD6602-O, PD6602-Y), tire (PD0590), wheel rim (PD1924), and various suspension components like the upper control arm (PD1915, PD1918, PD1919), lower control arm (PD1916, PD1917), and steering knuckle (PD1913, PD1914). The diagram also shows the steering rack (PD1907, PD1908-T, PD1909-T) and the front suspension assembly (PD1905-T, PD1906-T, PD1907-T). The components are labeled with part numbers such as PD1970, PD1924, PD1915, PD1918, PD1919, PD1916, PD1917, PD0662, PD0663, PD0664, PD0665, PD0666, PD0667, PD0668, PD0669, PD0670, PD0671, PD0672, PD0673, PD0674, PD0675, PD0676, PD0677, PD0678, PD0679, PD0680, PD0681, PD0682, PD0683, PD0684, PD0685, PD0686, PD0687, PD0688, PD0689, PD0690, PD0691, PD0692, PD0693, PD0694, PD0695, PD0696, PD0697, PD0698, PD0699, PD0700, PD0701, PD0702, PD0703, PD0704, PD0705, PD0706, PD0707, PD0708, PD0709, PD0710, PD0711, PD0712, PD0713, PD0714, PD0715, PD0716, PD0717, PD0718, PD0719, PD0720, PD0721, PD0722, PD0723, PD0724, PD0725, PD0726, PD0727, PD0728, PD0729, PD0730, PD0731, PD0732, PD0733, PD0734, PD0735, PD0736, PD0737, PD0738, PD0739, PD0740, PD0741, PD0742, PD0743, PD0744, PD0745, PD0746, PD0747, PD0748, PD0749, PD0750, PD0751, PD0752, PD0753, PD0754, PD0755, PD0756, PD0757, PD0758, PD0759, PD0760, PD0761, PD0762, PD0763, PD0764, PD0765, PD0766, PD0767, PD0768, PD0769, PD0770, PD0771, PD0772, 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REAR ASSEMBLY

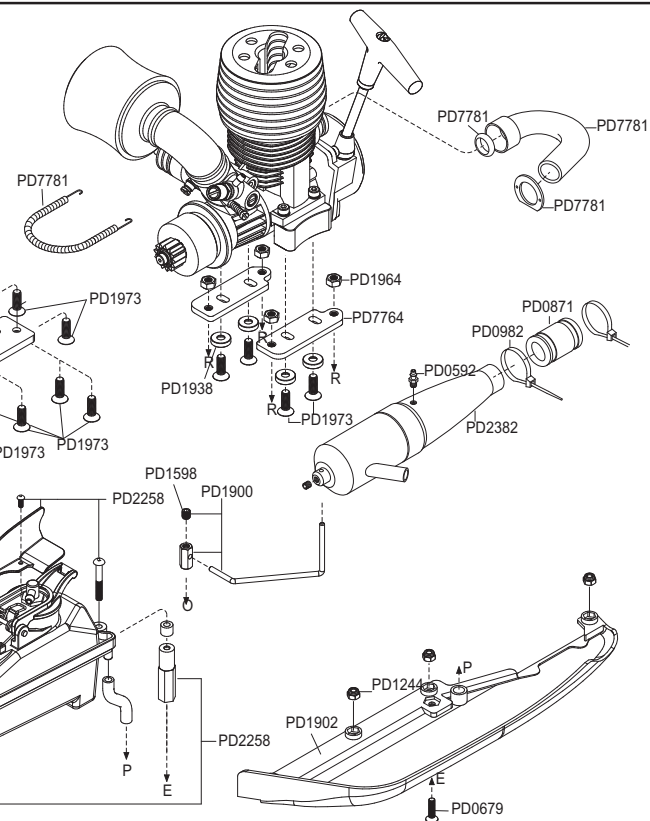


Use the original battery case or rechargeable flat / hump pack battery (TT#2931 Flat, TT#2932 Hump) Connect battery wire to switch.

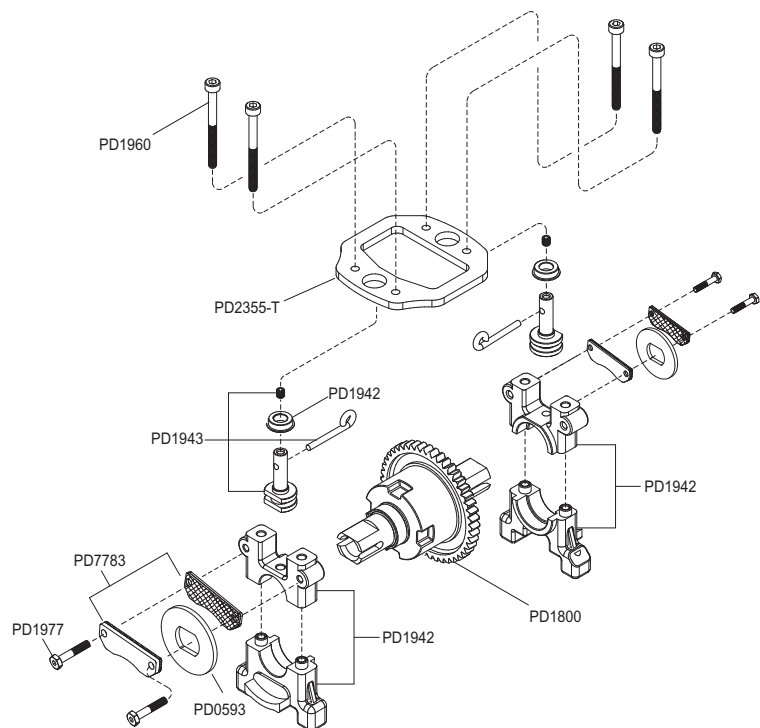


Exploded view diagram of the motor assembly. The diagram shows the following components and their assembly relationships:

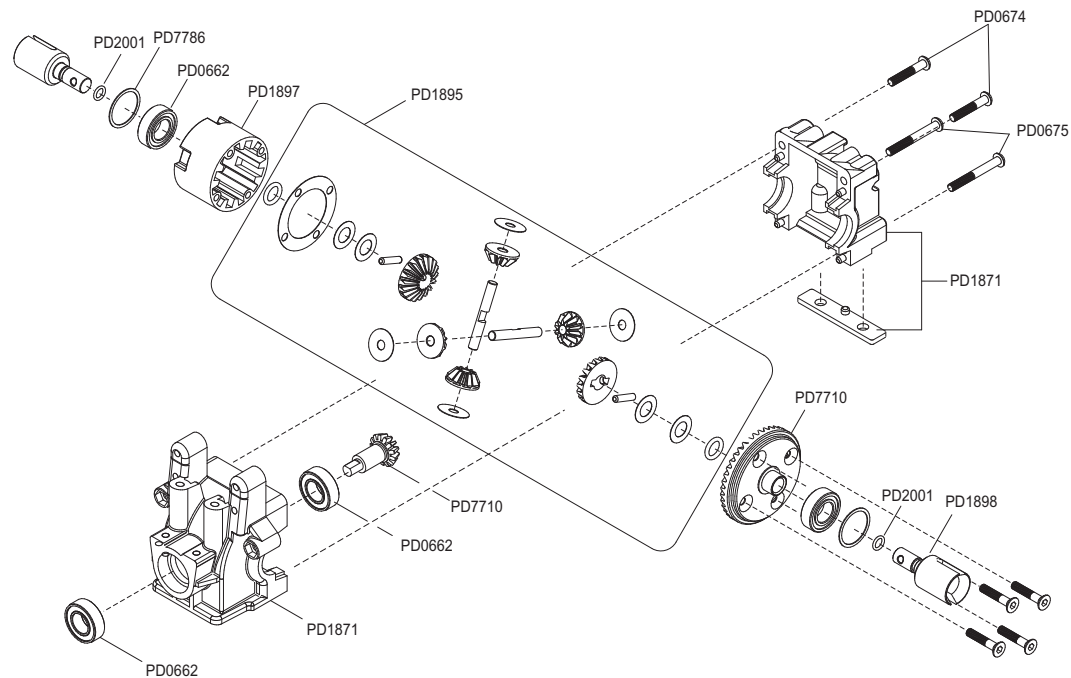
- PD1899**: Motor housing, shown in two positions (top and bottom).
- PD2001**: Motor shaft, shown in two positions (top and bottom).
- PD0662**: Motor pin, shown in two positions (top and bottom).
- PD0680**: Motor pin, shown in two positions (top and bottom).
- PD1893**: Motor gear, shown in two positions (top and bottom).
- PD1895**: Motor gear, shown in two positions (top and bottom).
- PD1897**: Motor gear, shown in two positions (top and bottom).
- PD1896**: Motor gear, shown in two positions (top and bottom).



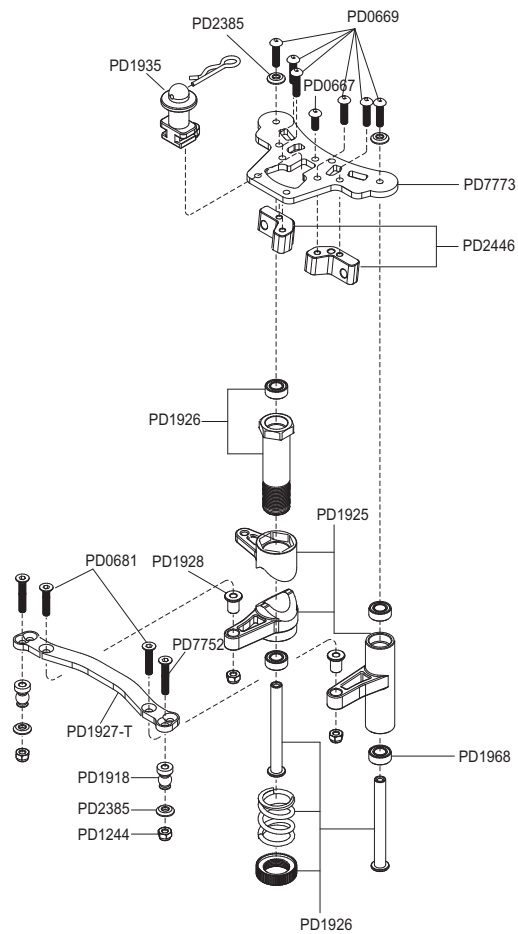
CTR DIFF. MOUNT ASSEMBLY



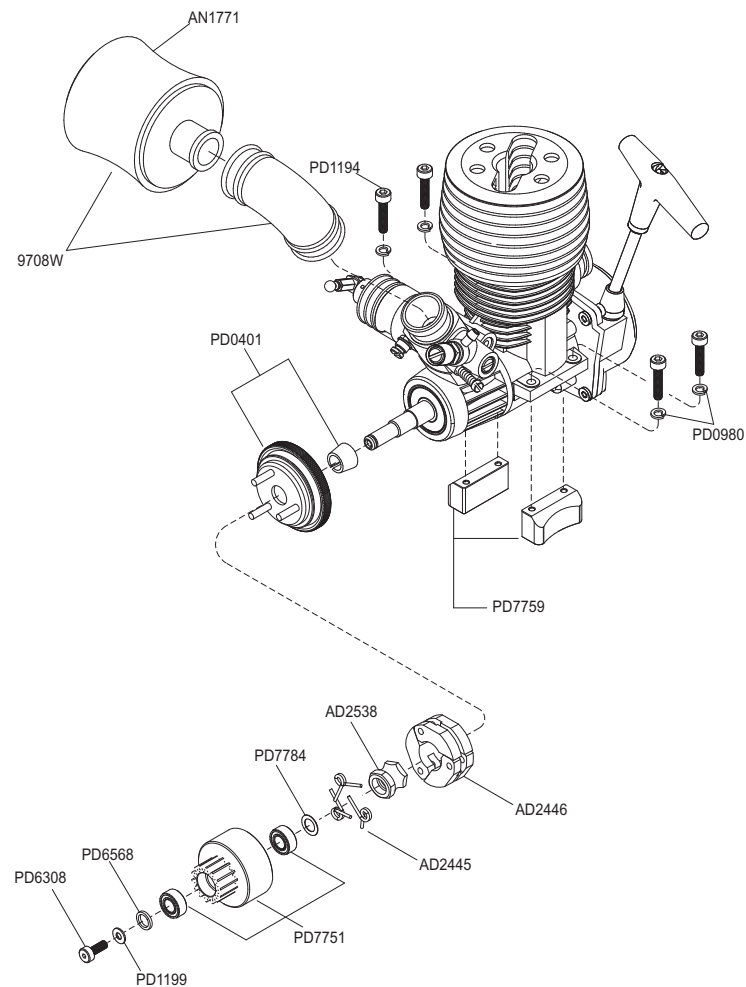
FR/RR DIFF. ASSEMBLY



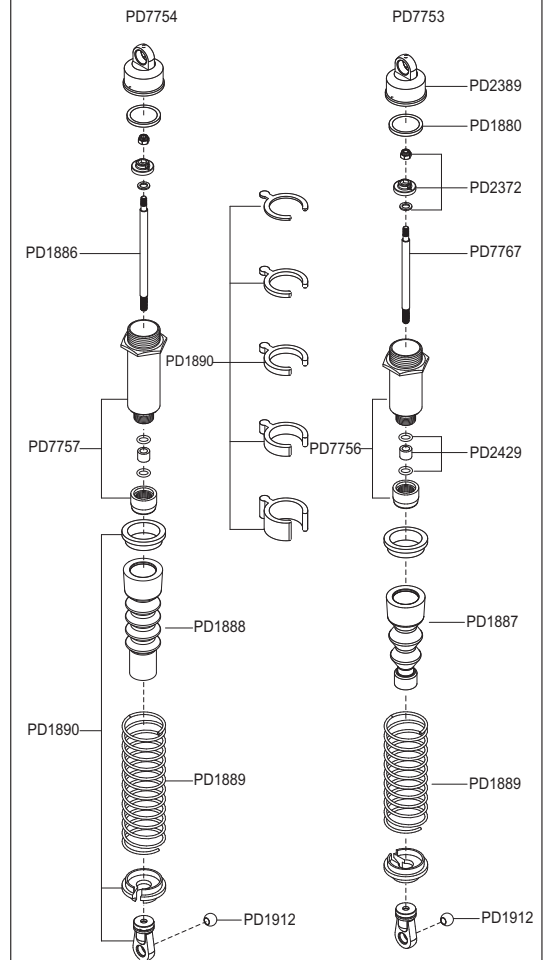
SERVO SAVER ASSEMBLY



ENGINE ASSEMBLY



SHOCK ASSEMBLY



EB-4 S3 RTR PARTS LIST



9708-W AIR FILTER(WHITE),.21



AD2445 1/8 CLUTCH SPRING(3)



AD2446 1/8 CLUTCH SHOE(3),EB



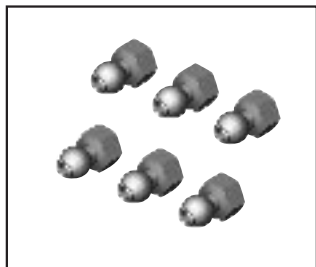
AD2538 1/8 CLUTCH NUT,EB



AN1771 FOAM FILTER(3),1/8



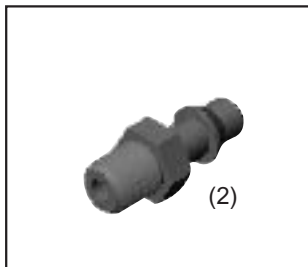
PD0401 FLYWHEEL SET



PD0547 BALL STUD,(L) 4mm



PD0590 1/8 TIRE SET W/ FOAM, CUBIC



PD0592 PRESSURE FITTING



PD0593 STEEL BRAKE DISC, EB/K



PD0633 DRIVE CAP JOINT, EB/K

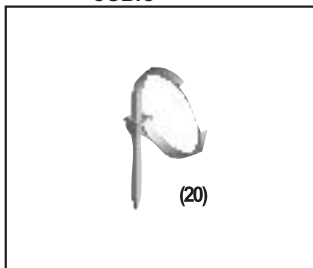


FOR TRANS CASE, OUTSIDE

PD0662 BALL BEARING SET, 8x16x5mm



PD0871 COUPLER EXHAUST



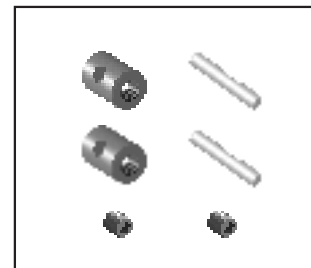
PD0982 NYLON STRAP,LARGE



PD1800 DIFFERENTIAL SET CENTER



PD1871 TRANS CASE/BULKHEAD SET



PD1875 UNIVERSAL REBUILD KIT, S3



PD1880 SHOCK DIAPHRAGM(10),S3



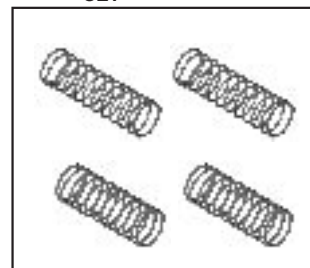
PD1886 FR SHOCK SHAFT(2),S3



PD1887 FR SHOCK BOOT(4),S3



PD1888 RR SHOCK BOOTS(4),S3



PD1889 FR/RR SHOCK SPRING (2),S3



PD1890 SHOCK PLASTIC PARTS, S3

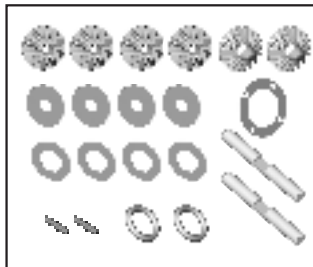


PD1892 FR/RR SHOCK SET PIN S3

EB-4 S3 RTR PARTS LIST



PD1893 STEEL MAIN GEAR, 46T



PD1895 DIFF BEVEL GEARS & PARTS,S3



PD1897 DIFF CASE



PD1898 DIFF OUTDRIVE(2) FR/RR,S3



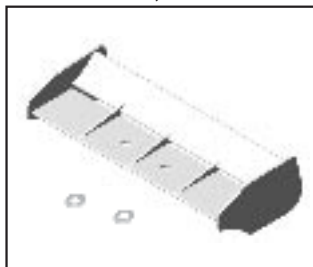
PD1899 DIFF OUTDRIVE(2),CTR, S3



PD1900 MUFFLER MOUNT SET,S3



PD1902 CHASSIS SIDE GUARD,S3



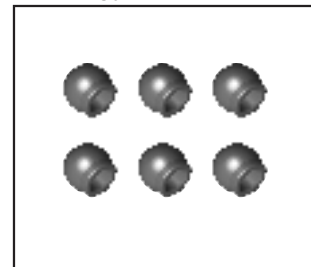
PD1903-O REAR WING(ORANGE),1/8
PD1903-Y REAR WING(YELLOW),1/8



PD1905-T FF SUSP.PLATE SET,S3



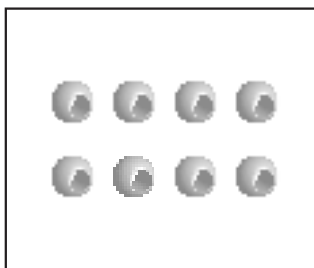
PD1906 SUSP.ARM MOUNT SET ,S3



PD1907 ARM MOUNT BALL SET,S3



PD1908-T UPPER ARM PLATE,S3



PD1912 SHOCK END/SWAY BAR BALL,S3



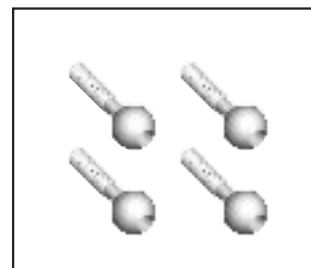
PD1913 SUSP,HINGE PIN SET



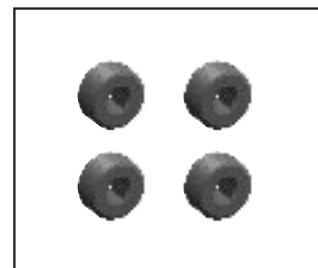
PD1914 RR LOWER HINGE PIN,S3



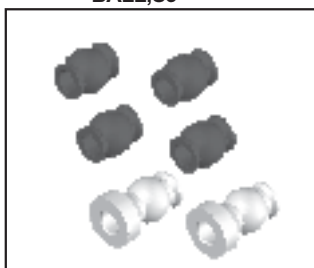
PD1915 KNUCKLE ,S3



PD1916 PIVOT BALL SET(4),S3



PD1917 ADJ. SCREW (4),S3



PD1918 STEERING LINKAGE BALL STUD,S3



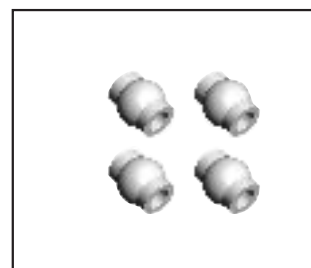
PD1919 STEERING TURNBUCKLE ,S3



PD1920 STEERING TIE END,S3



PD1921 RR TIE END,S3



PD1922 REAR UPPER ARM BALL,S3



PD1923 REAR HUB SET.S3