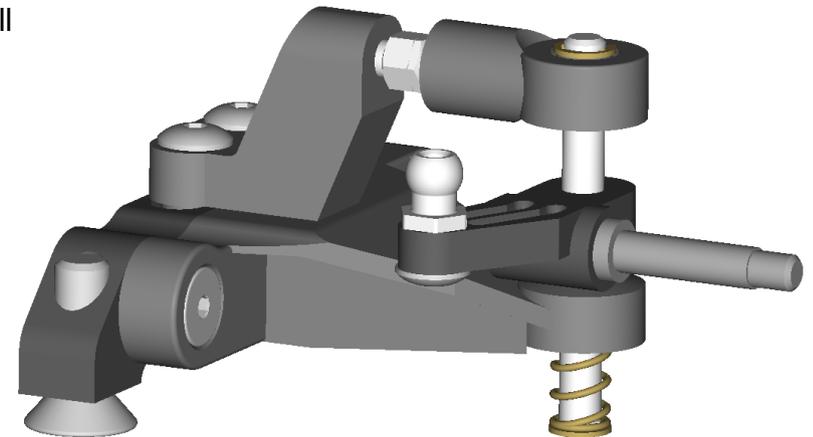
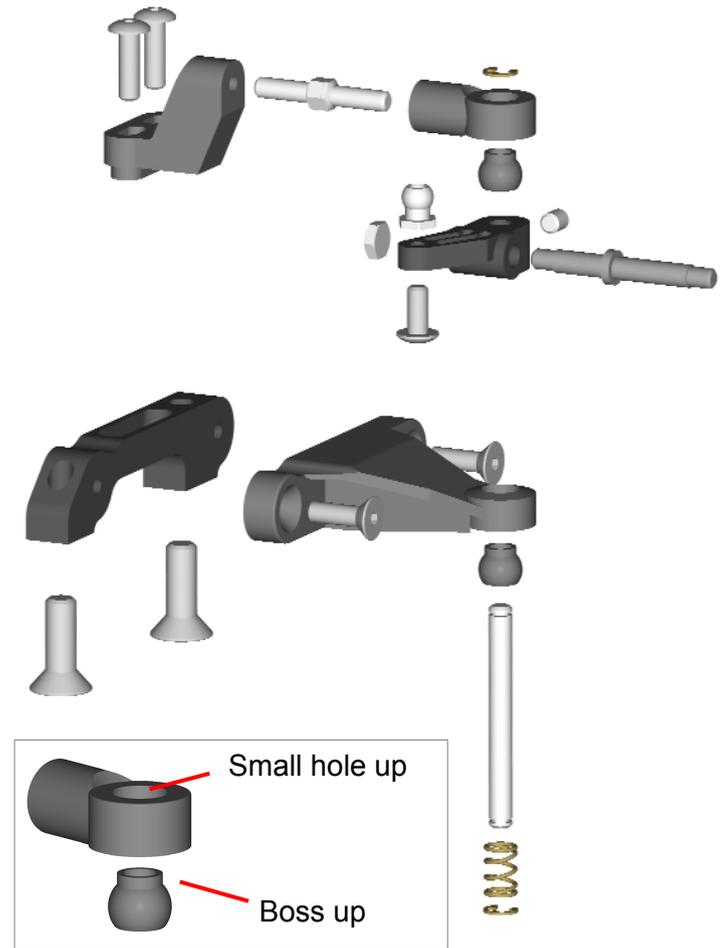
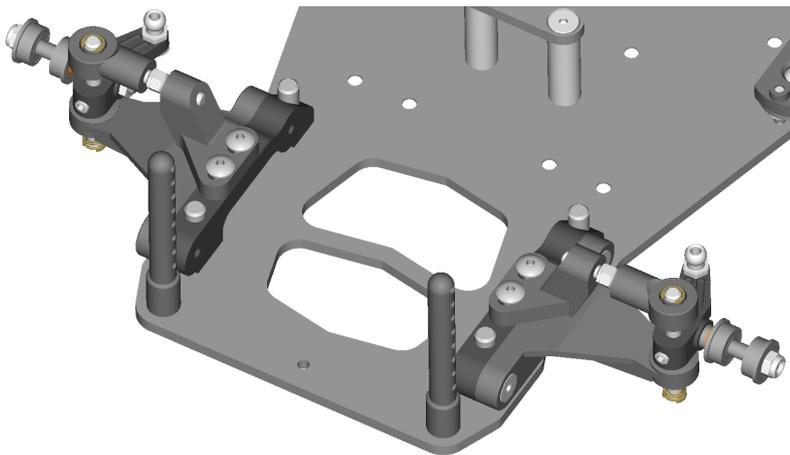


New School front suspension

Assembly notes:

1. Prep the kingpin by polishing with Mothers mag and aluminum polish or some type of metal polish until silky smooth.
2. Note that the boss on the pivot ball is installed from the bottom of the lower arm (side with larger hole). See illustration on right.
3. Note that the boss for the ball is inserted into the bottom of the upper arm eyelet (the side with the larger hole).
4. The bosses on the pivot balls are designed to face up. The pivot balls are designed to fit tight, this is not a mistake. Do not polish to loosen the pivot. Recommended install tool is the IRS pivot ball install tool IRS1376.
5. The lever arm of the steering knuckle faces up.
6. When installing the upright, the turnbuckle is toward the back of the chassis.
7. For ease of adjustments we recommend installing the notched side of the turnbuckles to the right side of the chassis (looking from back to front).
8. Tighten the knuckle set screw only after assembly is completed. Knuckle rests on the lower pivot ball, then tighten the set screw. This is not a ride height adjustment.
9. No shims are required for the suspension spring. If there is a gap, that is an indication of a spring in need of replacement.
10. Springs provided with the suspension are .018 thick.
11. To adjust caster, with the suspension assembled and installed, remove front wheels and let chassis rest on pit board, turn knuckle so that the leading edge of the pivot ball sockets are clear. Use camber gauge to measure against leading edge of upper and lower pivot ball sockets.
12. To adjust camber, with suspension assembled and installed, remove front wheels and let chassis rest on pit board, turn knuckle so that the side edge of pivot ball sockets are clear. Use camber gauge to measure against upper and lower pivot ball sockets.



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