

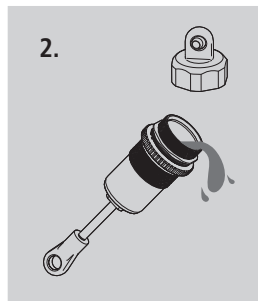
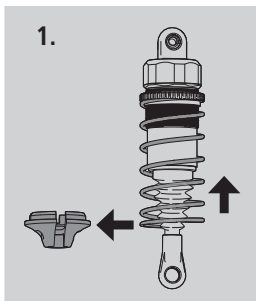
VEHICLE MAINTENANCE

The following items require semi-frequent maintenance. Always clean screw threads and apply removeable thread locking compound when threading machine screws into metal parts.

SHOCK DISASSEMBLY/CLEANING

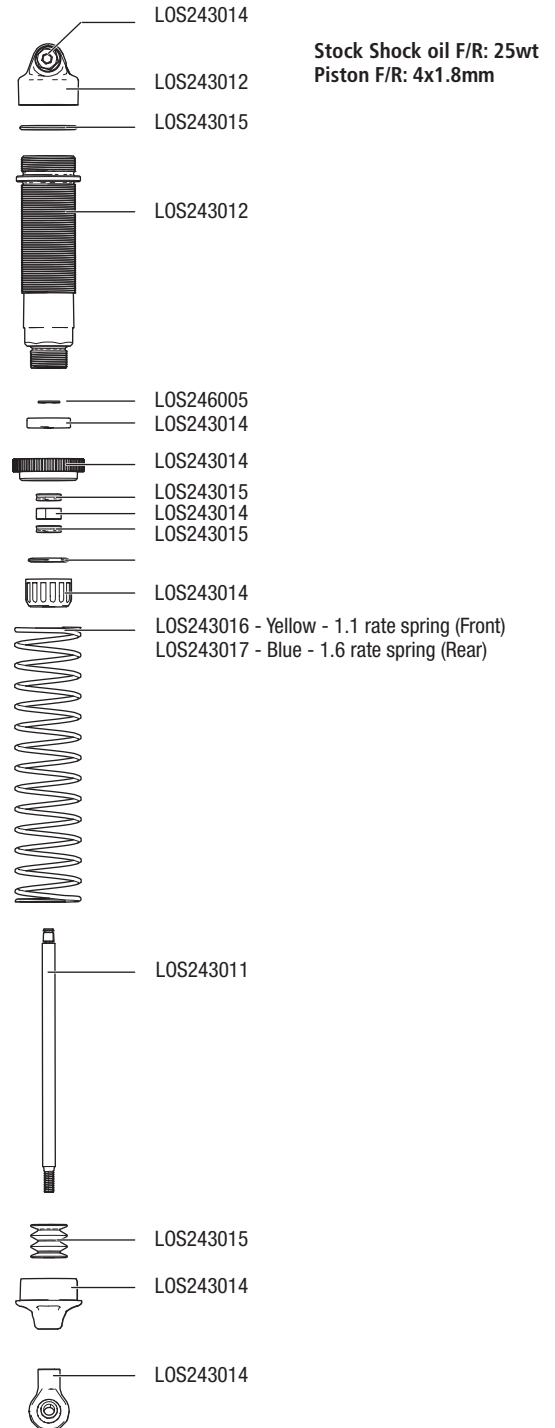
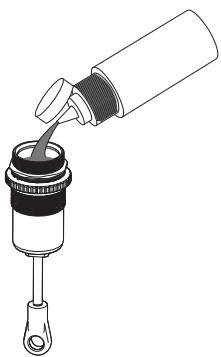
Remove the shocks and service as needed. Replace worn parts.

1. Pull the spring up and away from the lower cup. Slide the lower spring cup up and off of the shaft. Clean with a soft brush. Remove the shock boot.
2. Use the wheel wrench to hold the shock body and remove the top cap. Empty the fluid from out of the shock.
3. Hold the shaft with a multi-wrench and remove the shock end. Push the shaft into the shock body and remove through the top. Remove the lower shock cap, dust cover, O-rings and spacer. Clean the shock body. Install new O-rings, re-install the spacer, replace the O-ring and install the lower shock cap. **DO NOT TIGHTEN**. Install the shock shaft through the shock bottom and tighten the bottom cap. Re-install the boot and shock end on the shaft.



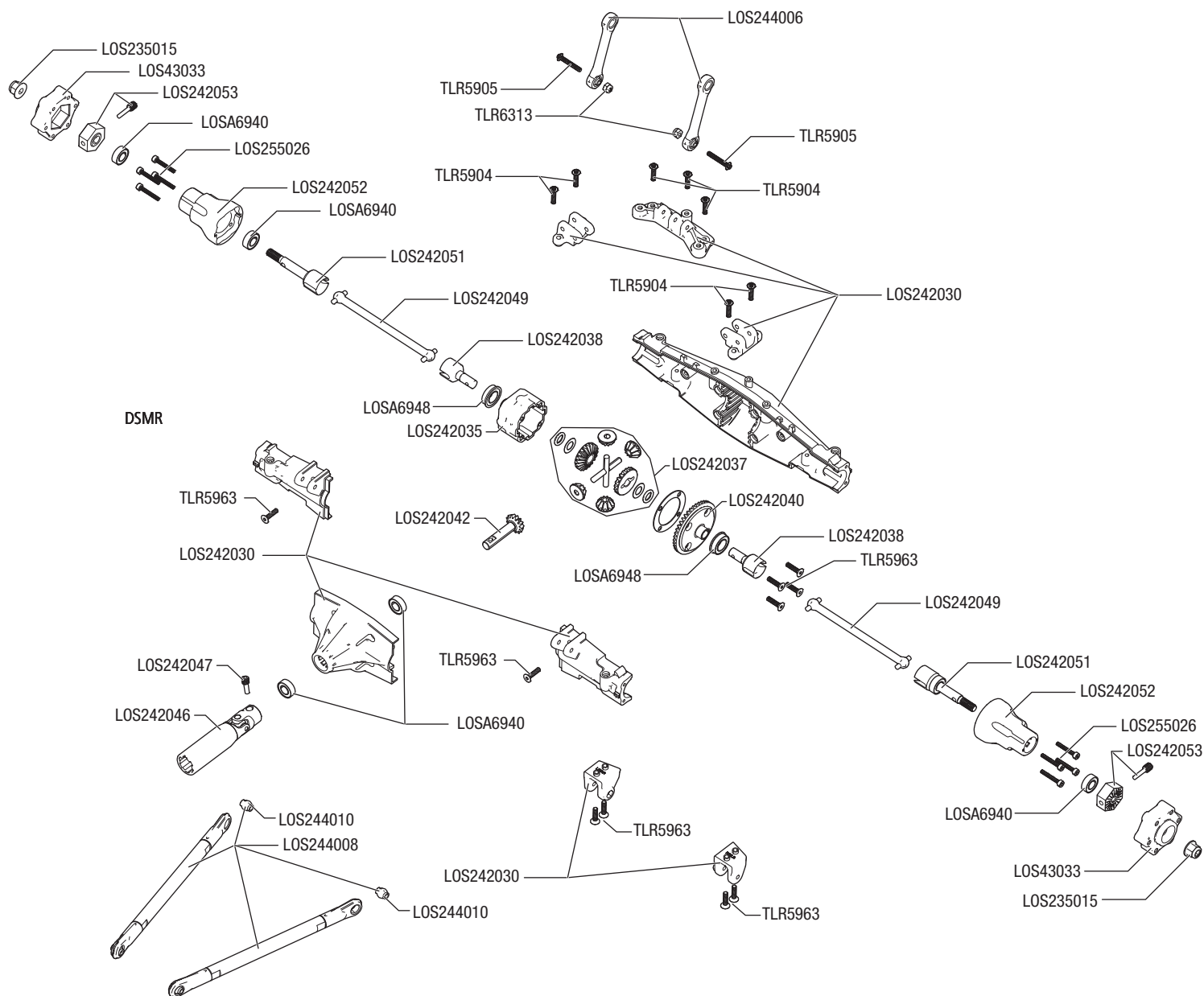
REFILLING/BLEEDING SHOCKS

1. Fill the shock body 5mm (0.2 in) from the top with 25wt silicone shock oil (TLR74004 2oz, TLR74022 4oz).
2. Slowly move the piston up and down 5 times, allowing air to rise to the top. Let the shock sit for 5 minutes.
3. With the piston all the way down, fill the shock body 1mm (0.04 in) from the top. Replace the shock cap, spring and spring cup.

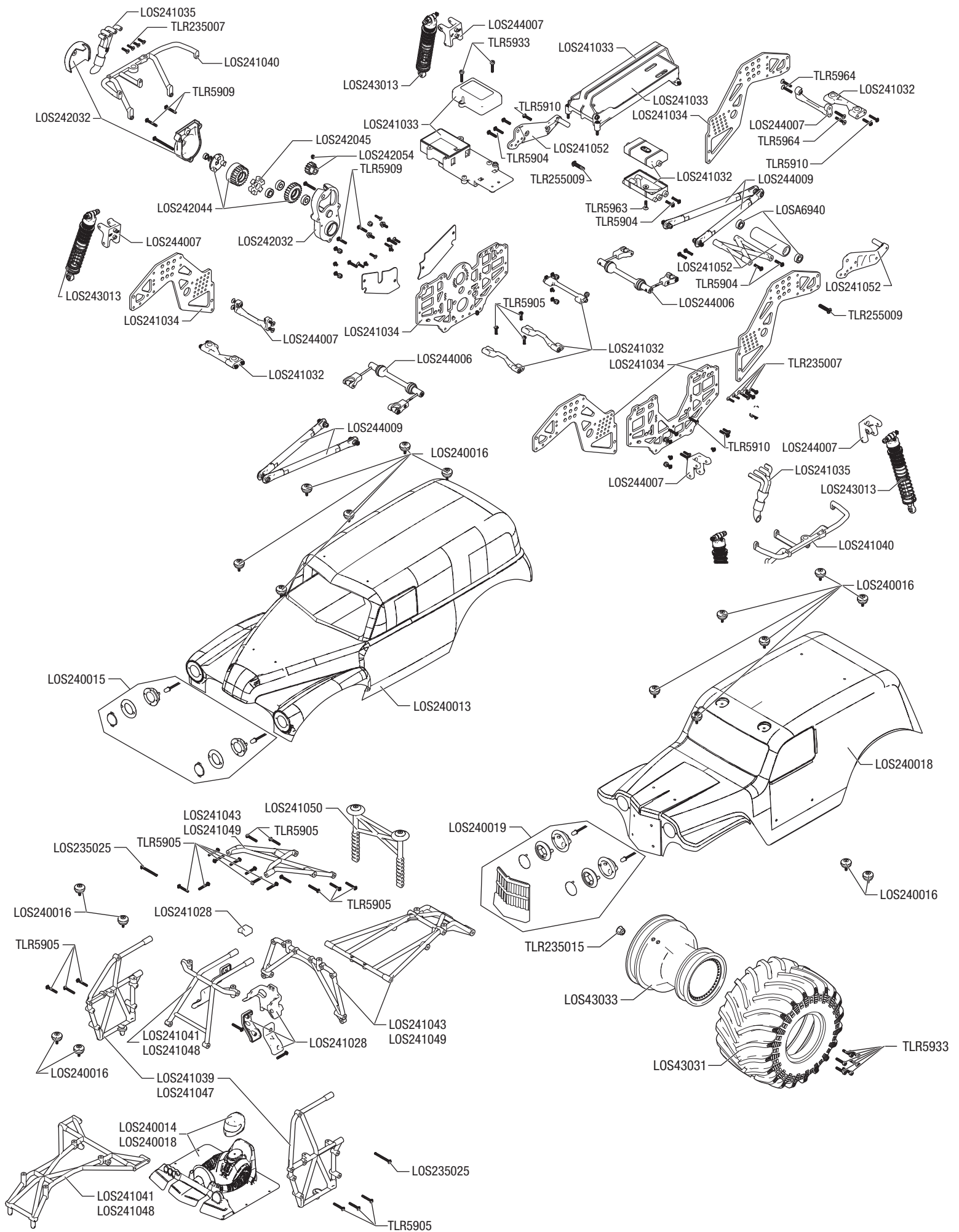


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- A diagram illustrating the application of grease. A hand is shown holding a tube of grease, with the tip of the tube positioned to apply grease to the top of a ball bearing assembly. The assembly consists of a central shaft with a ball bearing and a surrounding housing.

Rear Differential Fluid : 100.000

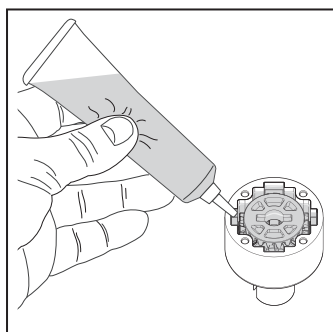


CHASSIS



CENTER DIFFERENTIAL

1. To remove the center differential from the vehicle, remove the two screws in the center cover to expose the center differential.
2. Remove the four screws holding the diff support blocks, and remove the diff support blocks.
3. Remove the two screwpins holding the front and rear drivelines, and remove the center halves of the driveline. This will provide enough clearance to remove the differential out of the bottom of the vehicle.
4. Check the ring and pinion as well as the bevel gears in the differential. Replace as needed. If fluid is leaking, replace the outdrive o-rings and ring gear gasket. Be sure to grease the outdrives prior to sliding them through the o-rings.. Apply more grease to the ring and pinion (LOSA99209).
5. Check the differential fluid and refill or replace as needed with TLR75009 (500k) fluid. The fluid level should be about 0.12 in (3.0mm) from the top surface of the case. Do not overfill or the differential unit might leak.



Center Differential Fluid : 500,000

