

# Fluids

## Air Conditioning

Depending on its intended sales region, the air conditioning system is filled with R134a or 1234yf refrigerant. Refer to the label on the RH front trunk trim.

**Table 1. Refrigerant**

Fluid	Part Number
<b>EMEA only:</b> R1234yf Refrigerant	2006643-00-A
<b>USA, CA, and APAC only:</b> R134a Refrigerant	1012403-00-B

If oil needs to be added to the system, use only POE ND-11 (part number 1023305-00-A) or equivalent.

 **Caution:** Do not mix different types of air conditioning system oil. Model S, Roadster 1.5 and Roadster 2.0/2.5 all use different oils. Model S and Model X use the same A/C system oil.

If ultraviolet dye needs to be added to the system to troubleshoot a leak, use only Tracerline Tracer-Stick TP-3811 (Hybrid / POE) dye.

## Coolant Solutions

The cooling system contains an ethylene glycol (phosphate and nitrate free) based coolant.

Tesla G-48 coolant (part number 1029320-00-A or 1061466-00-A) is a pre-mixed 50/50 solution of antifreeze and water. The coolant is ready to use. Do not add water.

 **Caution:** Do not top-up or refill the cooling system with any other type of coolant.

## Coolant Concentration

The overall coolant concentration should not fall below 50% by volume to ensure that the anti-corrosion properties of the coolant are maintained. Coolant concentrations greater than 60% are not recommended as cooling efficiency will be impaired.

Tesla G-48 coolant (part number 1012820-00-A) is a pre-mixed 50/50 solution of coolant and water. The coolant is ready to use. Do not add water.

## Brake Fluid

DOT 3 Dow 372LB (part number 1060099-00-A) is the recommended brake fluid. Only use new fluid from sealed containers.

**Note:** Avoid mixing DOT 3 and DOT 4 type brake fluids. Perform the brake system flush procedure if changing brake fluid types. Vehicles are originally supplied with DOT 3 brake fluid.

# Electrical Joint Compound

Penetrox A-13 electrical joint compound (part number 2006271).

# Transmission Fluid

Front drive unit part number 1035000-00-F and earlier: Mobil SHC 629

Front drive unit part number 1035000-00-J and later: Automatic transmission fluid - SK lubricant 212-B – quart (part number 1031106-00-A)

Rear drive unit (small and large): Automatic transmission fluid - SK lubricant 212-B – quart (part number 1031106-00-A)

Rear drive unit (small and large): Automatic transmission fluid - SK lubricant 212-B – drum (part number 1061469-00-A)

# Washer Fluid

Tesla Windshield Wash, part number 6005944-00-A (1 gallon) or 1061464-00-A (drum).