

## SPECIFICATIONS SUMMARY FOR FIRE ENGINE PURCHASE

Once the order is placed for the new Pierce Velocity fire engine, it will take approximately 38 to 43 months for the new engine to be built and delivered. This is due to the ongoing supply chain issues globally. After delivery, the new fire engine will spend some time at the Olympia Vehicle Repair Facility being outfitted with some equipment. Upon delivery to the Tumwater Fire Department, crews will spend about 3-4 weeks training on the new fire engine. The new fire engine will be housed at Station T1. The apparatus committee worked for months on ensuring the department was receiving an engine that will meet the demands of the community.

This new engine will be equipped with a Cummins X15 Diesel engine that will meet the 2027 EPA standards for emissions. This new Cummins X15 will emit 75% less emissions than its predecessors. Along with this more efficient diesel engine, the new fire engine will be equipped with Idle Reduction Technology. Our current Pierce Engines also have this and allows our apparatus to “shut down” while not in pump to better conserve fuel as well as being better for our climate.

A Performance Bond is provided in the specifications. Pierce is a company that builds most of the apparatus in Thurston County. Olympia Fire Department, Lacey Fire Dist. 3, South Bay Fire Dist. 8, and McLane Black Lake Fire have all recently ordered Pierce fire engines.

The new fire engine will replace our 2012 Pierce Velocity fire engine. The 2012 engine will be moved to reserve status. This will allow us to surplus one of our 2000 KME fire engines. As the delivery date gets closer, we will work with the Olympia Vehicle Repair Facility to determine which 2000 KME will continue in reserve status and which one will be surplus.

**Year/Make/Model:** 2026 Pierce Velocity (Year is an approximation due to timeline)

**Type of Apparatus:** Class 1 Triple Combination Pumper (Equipment, Personnel, Hose)

**Designation:** Engine T-1 (Stationed at Station T1)

**Engine:** Cummins X15 Diesel, 605hp

**Pump:** Pump, Waterous, CSU, 1500 GPM, Single Stage

**Transmission:** Trans, Allison 6th Gen, 4000 EVS P, w/Prognostics, Imp/Vel/SFR/Enf

**Overall Height:** Approx. 12’

**Overall Length:** Approx. 34’

**Seating:** Seating for four firefighters. Two in the front and two forward facing seats in the back.

**Additional Details:**

- Velocity Cab/Chassis
- Hands Free SCBA Seats
- Clean Cab Concept
- Lowered Fire Hose Crosslays
- Side Mount Pump
- Idle Reduction Technology lithium-ion Battery Pack
- Auto Shutdown
- Oshkosh TAK-4™ Independent Suspension
- ABS System
- 65 Gallon Fuel Tank
- 4.5 Gallon DEF Tank
- 19" Extended Bumper
- Panoramic Windshield
- Step Lights for Safety
- Cab Warning Lights/Alarms
- 7" Touch Screen Information Center
- 500 Gallon Water Tank
- 30 Gallon Foam Tank
- 2 Sections of Hard Suction Hose
- Hydraulic Ladder Rack
- Akron Model 3433 Apollo Hi-Riser Monitor
- Hannay Electric Rewind Booster Hose Reel (200")
- Whelen Emergency Lighting