

# Re-thinking Reserve Emergency Vehicles

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# Re-thinking Reserve Emergency Vehicles

Changing the way, you think about reserve emergency vehicles.

Historically:

Fire Trucks are active status for ten (10) years, then they are moved to reserve status for five, ten or fifteen years.

Ambulances are active for five (5) years, then they are moved to reserve status for another five, ten or fifteen years.

# Re-thinking Reserve Emergency Vehicles

The reserve trucks are used 3 times more than when they were active because instead of just one fire station they are used by all stations.

The reserve fire trucks may have in most cases over 150,000 miles or worse over 15,000 hours which if you convert 675,000 miles

These older fire trucks probably have oil leaks, air leaks, and/or coolant leaks.

The reserve units provably do not have the same safety features that the new ones have standard.

The reserve truck have different controls, they work different, they ride different. Even if they are the same manufacturer, there are upgrades.

# Re-thinking Reserve Emergency Vehicles

It can take crews 2-3 hours to swap trucks

It seems like there is always gear missing

The emergency apparatus is out of area in which they protect for long periods of time swapping from assigned truck to reserve truck

Getting parts for the older units harder and harder to get

Different engines, transmissions, brakes, effects training, parts, diagnostic programs and tools.

Emissions

# Re- thinking Reserve Emergency Vehicles

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What am I proposing?

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How do we change?

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What is the answer?

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Is there a different way to manage  
emergency vehicles?

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Is there a way to keep emergency  
vehicles in the area that they protect?

R-001 268,215 miles 16,726 Hours 122% 19 years

R-002 167,985 miles 10,127 Hours 130% 17 years

R-003 299,135 miles 18,734 Hours 168% 19 years

R-004 222,932 miles 12,009 Hours 141% 19 years

R-005 121,217 Miles 8,167 Hours 76% 18 years

R-007 172,413 Miles 13,409 Hours 147% 18 years

R-008 147,349 Miles 11,842 Hours 69% 11 years

R-006 172,479 Miles 9,960 Hours 118% 19 years

# Lake County Fire Reserve Fleet

# Spare Emergency Vehicles



Have a remote technician visit fire stations. Repair items on discrepancy log, minor repairs, and preventative maintenance.



Brand new fully stocked multi-purpose emergency vehicles.



Fleet in conjunction with logistics and fire ensuring spare apparatus are fully stocked and ready to go.

# Spare Emergency Vehicles

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- An active unit needs new brakes and tires – the crew drops off unit and goes into spare fully stocked unit and ready to go back to the area they serve. This takes a couple of minutes to switch out instead of hours.







## What is the accepted spare ratio?

Pumpers 4WD 4 active 1 Spare 20%

Pumpers 2WD 20 active 5 Spares 23%

Tankers 11 active 0 Spares 0%

Brush Trucks 18 active 0 Spares 0%

Ladder/Aerial 2 active 1 Spare 33%

Squad 2 active 1 Spare 33%

# Spare Emergency Vehicle Ratio

## What is the accepted spare ratio?

Medic 2WD 10 active 18 spare 180%

Medic 4WD 3 active 0 spare 0%

Rescue 4WD 2 active 1 spare 50%

Rescue 2WD 6 active 0 spare 0%

F350 Medics 1 active 3 spare





Questions?

