

CAR 6

2016 Ford Explorer

The Boylston Police Department is respectively requesting procurement of a new police vehicle due to aging, extensive repair and reliability to this current police vehicle. The reasons listed below explain the justification for procurement of new police vehicle. You will find actual mileage on this vehicle and engine idle hours. Engine idle hours is a calculation used by experts to determine wear and tear on a vehicle. Listed below are the repairs needed to make this aged vehicle safe and reliable. Based off quotes received it is not fiscally responsible to continue to make repairs to this vehicle.

As of 10-25-2021 the cruiser is out of service awaiting an appointment for repair.

Foreseeable Costs Associated with Needed Repair:

1. Water Pump leaking \$2068.72
 - a. Car diagnosed with no heat

2. Timing Belt + Chains 2278.00 + Labor \$1600.00 = \$3878.00
 - a. Water pump leaking damage to the belt

3. Fuel Pump + Sender \$2236.00
 - a. Gas gauge not working

4. Driver's seat motor \$1056.00
 - a. Power seat stuck in one position

5. Check Engine light on Unknown problem and amount
 - a. Has to be put on a computer and diagnosed

6. Four (4) tires \$492.00
 - a. All tires are worn
 - b. Two (2) Tire Pressure Monitors \$220.00
 - c. Monitors not working causing fault light on the dashboard

Total \$9950.00

Mileage and Hours

Ford Experts advise that for every engine hour idle, 25 miles must be added to the vehicle to calculate actual wear and tear. This calculation is $25 * \text{Engine Hours} = \text{Total Actual Miles}$

1. Current Mileage
 - a. 103,953
2. Engine Hours
 - a. $11,743 \text{ hours} \times 25 = 29,357$
3. **Total Miles 133,310**