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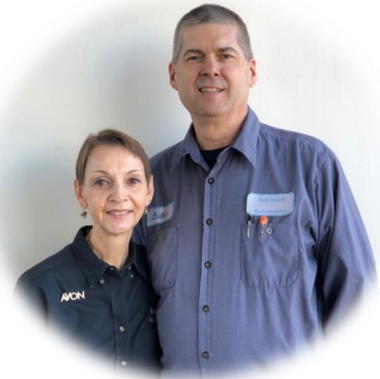
# Andy's Automotive Times

June 2020

A Newsletter From Your Friends at  
Bell Road Automotive  
(602) 993-5400

### Here's how you can prepare your car for extreme Arizona heat

Drivers should focus on their batteries, especially if it is more than 2 years old. If your battery is weak it is going to fail.



You should also make certain that your tires are in good condition. Check to make sure the pressures are correct. Check the expiration date to make sure they are in date. As tires age, the heat of direct sunlight and friction with the road can bake out the natural oils and cause the rubber to become brittle. Old weathered tires even with lots of tread may not be road worthy. Heat related damage can cause a sudden catastrophic blow out.

Drivers should make sure that their car's cooling system is in good shape. The vehicle's engine-cooling system serves not just to keep the engine cool, but to also keep its temperature warm enough to ensure efficient, clean operation.

Air conditioning is a must in Arizona. If the air conditioning in your car is not working well, bring it in for an air conditioning performance test to see what it needs to be in good running condition. No one wants to be overheated in their vehicle. You want to keep drinking water with you at all times especially during the summer months to keep well hydrated.

With monsoon season fast approaching, drivers should also make sure their windshield wipers are working smoothly. You never know when you are going to get caught in a big storm.

We are a NAPA Gold Auto Care Center  
ASE Certified Technicians  
3 year/36,000 Mile Warranty  
We work on all makes & models  
Phoenix, Arizona's #1 Dealership Alternative  
Family Owned & Operated

## Bell Road Auto



## From Our Kitchen to Yours

### Antipasto Squares

#### Ingredients

2 (10oz) cans refrigerated crescent dinner rolls  
1/4 pound thinly sliced boiled ham  
1/4 pound thinly sliced provolone cheese  
1/4 pound thinly sliced Swiss cheese  
1/4 pound thinly sliced Genoa salami  
1/4 pound thinly sliced pepperoni  
1 (12 oz) jar roasted red peppers, drained, cut into thin strips  
3 eggs  
3 TBSP grated Parmesan cheese  
1/2 tsp ground black pepper



#### Directions

1. Preheat oven to 350 degrees F
2. Unroll one package of crescent roll dough and cover the bottom of a 9x13 inch pan. Layer the ham, provolone cheese, Swiss cheese, salami, pepperoni and red peppers on top of the dough.
3. In a bowl, beat the eggs lightly and stir in the parmesan cheese and black pepper. Pour 3/4 of this mixture over the peppers. Unroll the second package of dough and place over the top or the peppers. Brush with the remaining egg mixture. Cover with aluminum foil.
4. Bake for 25 minutes in the pre-heated oven. Remove foil and bake another 10 to 20 minutes, or until dough is fluffy and golden



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“Peace is not absence of conflict, it is the ability to handle conflict by peaceful means.” ~Ronald Reagan

# What is a Cooling System?

A typical 4 cylinder vehicle cruising along the highway at around 50 miles per hour will produce 4,000 controlled explosions per minute inside the engine as the spark plugs ignite the fuel in each cylinder to propel the vehicle down the road. Obviously, these explosions produce an enormous amount of heat and, if not controlled, will destroy an engine in a matter of minutes. Controlling these high temperatures is the job of the cooling system.

The modern cooling system has not changed much from the cooling systems in the model T back in the '20s. Oh sure, it has become infinitely more reliable and efficient at doing its job, but the basic cooling system still consists of liquid coolant being circulated through the engine, then out to the radiator to be cooled by the air stream coming through the front grill of the vehicle.

Today's cooling system must maintain the engine at a constant temperature whether the outside air temperature is 110 degrees Fahrenheit or 10 below zero. If the engine temperature is too low, fuel economy will suffer and emissions will rise. If the temperature is allowed to get too hot for too long, the engine will self destruct.

A cooling system works by sending a liquid coolant through passages in the engine block and heads. As the coolant flows through these passages, it picks up heat from the engine. The heated fluid then makes its way through a rubber hose to the radiator in the front of the car. As it flows through the thin tubes in the radiator, the hot liquid is cooled by the air stream entering the engine compartment from the grill in front of the car.

Once the fluid is cooled, it returns to the engine to absorb more heat. The water pump has the job of keeping the fluid moving through this system of plumbing and hidden passages.

A thermostat is placed between the engine and the radiator to make sure that the coolant stays above a certain preset temperature. If the coolant temperature falls below this temperature, the thermostat blocks the coolant flow to the radiator, forcing the fluid instead through a bypass directly back to the engine.

The coolant will continue to circulate like this until it reaches the design temperature, at which point, the thermostat will open a valve and allow the coolant back through the radiator.

In order to prevent the coolant from boiling, the cooling system is designed to be pressurized. Under pressure, the boiling point of the coolant is raised considerably. However, too much pressure will cause hoses and other parts to burst, so a system is needed to relieve pressure if it exceeds a certain point.

The job of maintaining the pressure in the cooling system belongs to the radiator cap. It is designed to release pressure if it reaches the specified upper limit that the system was designed to handle. Prior to the '70s, the cap would release this extra pressure to the pavement. Since then, a system was added to capture any released fluid and store it temporarily in a reserve tank. This fluid would then return to the cooling system after the engine cooled down.



Birthstone: Moonstone or Pearl  
Flower: Rose or Honeysuckle

Gemini (May 21 - June 20)  
Cancer (June 21 - July 20)

Pearls are associated with purity, honesty and calmness. If you dream of a pearl ring expect romance.

A rose in general indicates love or desire. The honeysuckle denotes the bonds of love, or generous and devoted affection.

The month of June is probably named after Juno, the wife of Jupiter, and queen of the gods [Hera in Greek mythology]. It was held sacred to her, and was thought by the Romans to be the luckiest month for marriage, since Juno was the Goddess of Marriage. Wherever the goddess went she was attended by her messenger Iris (the Rainbow), who journeyed so quickly through the air that she was seldom seen, but after she had passed there was often left in the sky the radiant trail of her highly-colored robe.

Juno is always represented as a tall, beautiful woman, wearing a crown and bearing a scepter in her hand, and often she is shown with a peacock at her side, since that bird was sacred to her. A story is told of one of her servants, Argus, who had a hundred eyes, only a few of which he closed at a time. Juno set him to watch over a cow which Jupiter wished to steal, for it was really a beautiful girl named Io, whom Jupiter had transformed.

Mercury was sent by Jupiter to carry off Io, and by telling long and wearisome stories to Argus at last succeeded in lulling him into so deep a sleep that he closed all his eyes. The god then seized Argus's own sword and cut off his head. Juno was very sad at the loss of her servant, and gathering up his hundred eyes scattered them over the tail of the peacock, her favorite bird."



P F I E L D A T R I E O T I  
P A T R I O T I C E S N M I  
S S S U P P O R T U I N U G  
E R Y U O U R C O L U N T J  
V R A S R A T S Y B A L L T  
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W M E R S A N D S Y O U L R  
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E A W E E U A S R B E R Y O  
V L S L T G E L O S I T F L  
D L P E Q M R L W F F L P T

Blue	June	Stars
Eagle	Lower	Stripes
Field	Patriotic	Symbol
Fifty	Pledge	Unfurl
Finial	Raise	USA
Flag	Red	Wave
Halyard	Salute	White



Dad: I want you to marry a girl of my choice.  
Son: No!  
Dad: The girl is Bill Gates' daughter.  
...Son:Then okay.  
**Dad goes to Bill Gates.**  
...Dad: I want your daughter to marry my son.  
Bill Gates: No!  
Dad: My son is the CEO of World Bank.  
Bill Gates: Then okay.  
**Dad goes to the President of the World Bank.**  
Dad: Appoint my son as CEO.  
President:No!  
Dad: He is the son-in-law of Bill Gates.  
President:Then ok.  
**This is BUSINESS**