

Watch Out for Crossfire When Working on Engines

If you're a stickler on neatness, there's one place it doesn't pay to be neat. That is under the hood of an engine when you are working on spark plug wires. In this case, it's accuracy not neatness that counts.

Some believe it's best to tape the plug wires in tidy bundles after plugs have been changed. By doing so, they are only inviting the dangerous condition known as crossfire.

Champion Spark Plug Company points out the engine crossfire can be a

cause of engine roughness, backfire, detonation and in extreme cases spark plug or engine damage.

Ignition crossfire is a condition in which the spark plug is fired out of time due to induction. A strong magnetic electrical field develops around a spark plug wire when high voltage travels through it on the way to the plug. Sufficient energy is created to induce voltage into an adjacent wire if:

- The adjacent wire is placed close enough and runs parallel to the wire

carrying the voltage and - The adjacent wire leads to a plug in an adjacent cylinder which will be fired next in the firing order.

As a result both spark plugs will fire - one before it is supposed to fire.

To prevent crossfire, it is vital that all spark plug wires be routed properly and adequately separated. When changing plugs it may help to identify and match the wire to the proper cylinder

by placing a numbered clothes pin on the wire while it is disconnected.

Most car makers provide plastic looms that secure the plug wires to the rocker cover. These help maintain the proper wiring arrangement and prevent the wires from being burned on the hot exhaust manifold. Should these looms be damaged or lost, they should be replaced as a further guard against crossfire.



Some Arabs believe that a heavy downpour can be stopped by quenching a fire with water.

Lanc. Co. Farmers Set Policy Meetings

Lancaster County Farmers Association, as in past years, will be holding policy development meetings the next several weeks, according to Earl Newcomer, Washington Boro R1, policy development chairman. This is the method the Pennsylvania Farmers Association and the American Farm Bureau use to decide the stance members want to take on important issues.

Some items for discussion are: safeguards for coop members; cost of OSHA regulations and standards; food and fiber reserves; sensible pollution control enforcement; cost of automobile safety and pollution standards and devices.

A list of members holding meetings at their homes and the dates are listed below. All meetings will start at 8:00 p.m., and Newcomer said all PFA members are invited to attend the most convenient one.

Monday, Aug. 12 - Richard Haas, Lancaster R6.

Tuesday, Aug. 13 - Harold Rohrer, Book Road.

Monday, Aug. 19 - Noah Wenger, R1 Stevens. Earl Smoker, Stevens R1. Earl Newcomer, Washington Boro R1. Donald Hershey, Manheim R2. James Kreider, Quarryville R2.

Tuesday, Aug. 20 - Paul Hartz, Morgantown R1. Ellis Mentzer, New Holland R2. Charles Rohrer, Paradise R1. Ralph Hostetter, Mount Joy R2. Jesse Wood, Nottingham R2.

Thursday, Aug. 22 - Vernon Umble, Christiana R1. Harold Ney, Marietta R1. Robert L. Kauffman, Peach Bottom R2. Frank Pieffer, Mt. Nebo. Chester Weaver, East Earl R2.

Monday, Aug. 26 - Titus Hess, Leola R1.

Farm Women Calendar

Tuesday, August 13
Farm Women Society 22
Chinese Auction at the home of Mrs. Clarence Rohrer, Smoketown.

Wednesday, August 14
Farm Women Society 14
meeting 1:00 p.m. at the Paradise Mennonite Church Christ's Home.

Thursday, August 15
Farm Women Society 15
Family picnic at Hufnagle Park, Quarryville 6:00 p.m.

Saturday, August 17
Farm Women Society 3
Meeting at the home of Mrs. William Gerhart

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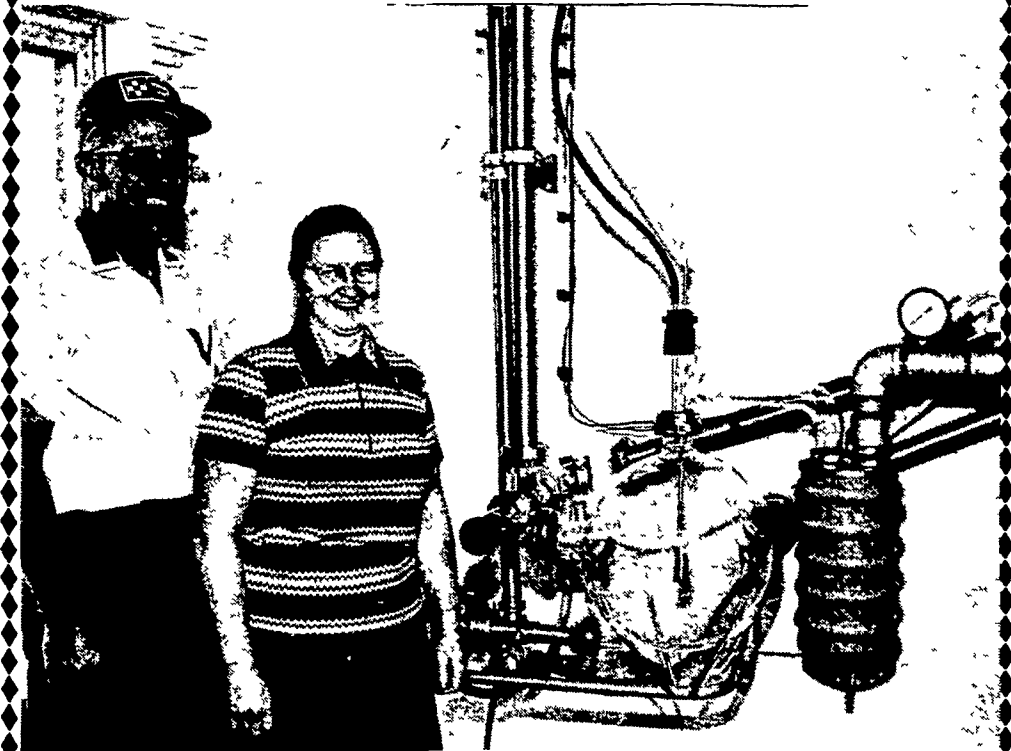
Tony Folker at 717-354-9557
by August 14th.

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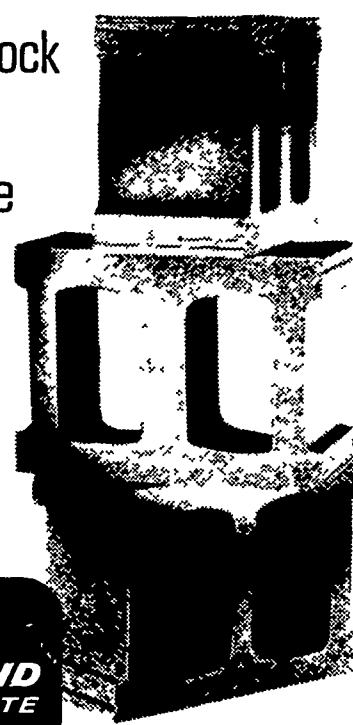
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