The Handcranking Emergency

How To Meet It Effectively

hand. Perhaps, indeed, you have never had experience in handcranking any auto engine. However, in the natural order of events,

your starter is likely to go wrong sometime and you will have to resort

Safety First

that the emergency brake is set, that the spark lever is in its fully retarded position and that the hand throttle is open only just enough to keep the engine turning after it first fires. Engage the crank so that its handle points down and to the left and always turn the engine

over by an upward pull, never by a downward push. A sharp upward

An Easy Start

so doing and set the dash adjustment for a rich starting mixture. Crank the engine over two full turns, before turning on the ignition,

then switch it on and give the crank one snappy upward pull, when

Spark Setting

on cranking, the engine fires but once or twice and stops and shows

no back-kicking tendency, somewhat more spark advance can be

"SHORT" DAMAGES AMMETER | failure of circulation after drain-

may free itself and go back to zero, infrequently makes engines turn

On the other hand, the ammeter very stiffly, sometimes causes dam-

may have been permanently dam- age to the cylinder walls and oftenaged. It is not much of a job to times the rings themselves break.

detach it and take it to a service There must be a certain amount of

J. J. C. writes: Since the last of the ring as compared with the

time I changed the oil in the ene cylinder bore, due to the higher

gine of my --- car, the gage on temp-rature attained by the ring. the dash shows no pressure and it As to the required enf-clearance of

seems that the pump is not work- rings for your - engine, a ing. I have tried priming and have mechanic who works on them exblown out all the oil tubes, but tensively, tells us that 0.003 inch is

Questions of general interest to the motorist will be answered by

Mr. Clough in this column, space permitting. If an immediate answer is

ing, but your priming of the pump should have displaced it. It oc-

curs to us as possible that your oil strainer is obstructed so that the

pump cannot fill. Factory instructions are that this strainer should

be cleaned each 1000 miles. It is

removable by disconnecting the oil feed pipe and removing the two

cap screws that secure the strainer

flange. You better see that the strainer is clear. It is just possible

that the pump works but that the gage is out of order. If oil escapes when you disconnect the gage tube

and run the engine, this is prob-

ably the trouble. You might also

inspect the pump itself, see if it fills and whether there is anything

FITTING RINGS TOO TIGHTLY

too tight fitting of piston-rings not

clearance allowed between the ends of each ring, when it is in position,

to allow for the greater expansion

Answer to J. R., Jr.: Yes, the

wrong with the vanes.

PRESSURE ! ??

safely used if only the crank is always pulled and not pushed.

Usually, if magneto ignition or battery ignition with automatic advance is used, it is not necessary to employ full spark retard. If,

Prime the cylinders with gasoline if there is any handy means for

Always, without fail, keep the crank with the car. Try it, to be sure that it will work properly when required. In order to secure immunity from personal injury, be sure that gears are in neutral,

to handcranking. Here are a few suggestions.

jerk is safest and most effective.

J. J. C. writes: Shortly ago

took the wires off my horn to re-

pair it and since then the ammeter

has indicated discharge at all times,

but I am sure there are no short-

effcuits in the wiring. Do you sup-

pose that the ammeter is burned

Answer: When you disconnected

the horn wires, you may have

touched the end of the live one to

ground and caused a short-circuit

and the heavy current resulting

may have damaged the ammeter.

If the lights still burn all right, the windings of the ammeter were not

opened. It may be that the am-

meter needle was thrown over to

the discharge side so violently that

it has stuck and perhaps if the

instrument is smartly tapped, it

CLOGGED OIL STRAINER?

station for test.'

the engine should start.

LIKELY ENOUGH you never have had to start your engine by

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Nine persons were tried on Fri-

ed \$5 and costs each.

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EDWARDS'

25 MONTREAL STREET 'PHONE 2544w.

Norman Thorne, young English farmer, who was convicted of the murder of Miss Elsie Cameron, Lony at Delta for illegal fishing and don typist, on Dec. 5th last, will be hanged on Wednesday at London.

PRODUCE MARKETS

desired, enclose self-addressed, stamped envelope.

LIVE STOCK MARKETS.

Toronto.

Toronto, April 21 .- Export steers choice \$8 to \$8.25; do. helfers, \$6.50 to \$7.25; do. bulls, \$5 to \$5.30; Store, \$6.50 to \$7.50; Butchers, choice, \$7.50 to \$7.75; do., medium, \$6.75 to \$7; do., common, \$5.75 to \$6.25; Baby beeves, \$8.50 to \$9.50; Cows, fat, choice, \$5 to \$6; do. canners and cutters, \$2.50 to \$3; Bulls, butcher, good, \$4.50 to \$5.25; do. medium, \$2.50 to \$3; Feeding steers, good, \$6.50 to \$7; Feeders, fair, \$6 to \$6.25; Stockers, good, \$4.50 to \$5; Calves, choice, \$11 to \$12; do. medium, \$5.50 to \$6.50; do. grassers, \$3.50 to \$4; Springers, choice, \$80 to \$90; Milkers, choice, \$70 to \$80; Spring lambs, each, \$11 to \$16; Lambs, choice, \$15.50 to \$16; do. medium, \$11 to \$12; do. culls, \$2 to \$10; Buck lambs, \$11 to \$14; Sheep, choice, \$7.50 to \$8; do. heavy, \$4.50 to \$6.50; Hogs, f.o.b., \$12.50; do. off cars, \$13.60; select bacon, off cars cars, \$2.56 premium per head.

Montreal, April 21 .- Cattle, butcher steers, good \$7.50 to \$8; medium, \$6.50 to \$7.25, common, \$5 to \$6.50; butcher heifers, good, \$6.75 to \$7.50; medium, \$5.75 to \$6.25; common, \$4 to \$5.25; butcher cows, good, \$5.50 to \$6; medium, \$3.50 to \$5; canners, \$2; cutters, \$2.50 to \$3; butcher bulls, good, \$5; common, \$3.50 to \$4. Good veal, medtum, \$7; common, \$5.75 - to \$6.25. Sheep sold for \$7 per cwt., and spring lambs from \$7 to \$9 each. Hogs, sales were made at prices ranging from \$13.25 to \$14.25 with the most common quotation \$13.75. Selects were not bid for at time writing. Sows \$11.

Buffalo, N.Y. Buffalo, N.Y., April 21.-Cattle, shipping steers, \$9.25 to \$10.50; butchers, \$8 to \$9; yearlings, Maple syrup-New, dark, \$2 per \$10.25 to \$11.50; heifers, \$5.50 to gallon; small tin, \$1.75; choice \$9.50; fair to choice cows, \$3.50 to sugar, new, 20c to 22c per to. \$7; canners and cutters, \$2.25 to \$3.50; bulls, \$3.25 to \$6.25; stock- bbl.; per \$0-lb. bag, \$4.60; second ers and feeders, \$4 to \$7; fresh patents, \$8.90; strong bakers, \$8. cows, and springers, active, and Millfeed-Bran in box car lots, steady, \$35 to \$125 per head. \$26.25; shorts, \$28.25; middling. Calves, lower, \$10.50 to \$11; fair to \$34.25. good, \$8.50 to \$10; culls, \$5 to \$8; Rolled Oats-Standard grades heavy, \$6 to \$7.50; grassers, \$3 to \$3.45 to \$3.55 per 90-tb. jute bag, \$5. Hogs, heavy, mixed and York- bulk. ers, \$13.15 to \$13.25; light, do., \$13 Potatoes-N.B. Green Mts., 80c to \$13.15; pigs, \$13; roughs, per 90 lbs.; Quebec, 75c per bag, \$11.25 to \$11.50; stags, \$6 to \$8. bulk. \$6 to \$13; yearlings, \$8 to \$16; ton, delivered to Montreal.

without removing the trouble. just about right, that is, a feeler of What is the remedy?

Answer: Entrance of air into tween the ends of each ring, when the system is the usual cause of properly positioned in the bore.

> wethers, \$7.50 to \$8; ewes, \$3 to \$7; mixed sheep, \$7 to \$7.50.

Chicago. Chicago, April 21.-Cattle, best weighty steers, \$10.85; handy weights, \$11; yearlings, \$11.25; bulk, \$9 to \$10.50, spread narrowest of year; comparatively little at \$9 to killers; stockers, weighty kind at \$8 and better; bulk, \$6.25 to \$7.50; straight weighty cows upward to \$3.25; extremely light southwesterns below \$2.75; bulls uneven, mostly steady; practical top for heavy bolognas, \$5.25; vealers mostly 50c off; bulk to packers, \$8 to \$9; few lots, \$9.25; upward to \$10 to small killers and outsiders. Hogs, few selected 210 to 300-pound averages, \$12.50; bulk 130 to 235pound kind, \$12.20 to \$12.40; 130 to 160-pound averages mostly \$12.15 to \$12.30; bulk strong weight slaughter pigs, \$11.50 to \$12; few selected weighty kind, \$12.25; smooth packing sows mostly around \$10.75. Sheep, desirable handyweights, \$14.50 to \$14.75; weightier kinds mostly \$13 to \$14; extreme heavies, \$11.50 to \$11.75; choice \$3pound clippers, \$11.85; good 108-

GENERAL TRADE.

choice shearing lambs, \$14.25.

pound kind, \$9; two cars good 66-

pound California springers, \$18, with sixteen per cent. sort at \$14;

other classes dull, mostly 25c lower;

Montreal, April 21.-Butter-Creamery, solids, 35c per Ib.: prints, 36c per fb.; cooking, 28c to 29c per lb.

Lard-20-lb. pail. 21 1-2c. Eggs- Specials, 37c; extras,

36c, firsts, 34c; seconds, 32c. Dressed poultry-Milkfed chickens, 35c to 38c per lb.; broilers, 88c to 43c; selected chickens, 28c to 32c; turkeys, 38c to 40c; ducks, 25c to 35c; green ducks, 25c to 35c; green ducks, 30c to 35c per Th. geese, 21c to 25c.

Dressed hogs-Fresh killed abattoir stock, 20 1-2c per lb. Flour-First patents, \$9.40 per



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A. J. EVANS.



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A Constantinople despatch says | council of war at Diarbekir. Sheep and lambs, wool lambs, \$9 to Hay-Quebec, \$14 to \$15 per fourteen Kurdish rebel leaders have A pleasant event at the home of usta. Robert Seeley, both of North Aug-\$14.50; clipped lambs, 50c higher, ton; No. 3 timothy, \$11 to \$12 per been hanged by the Turkish autho- Mrs. Eliza Ann Eyre, on April 15th. E. Fitchett has been appointed rities after being condemned by the was the marriage of Mrs. Eyre and tax collector by Tweed council.

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