



PARTS - SERVICE

GRAM

FF00084

10/30/2000

D187 S45-65xm

TO: ALL HYSTER INDUSTRIAL TRUCK DEALER PRINCIPALS, SERVICE MANAGERS AND PARTS MANAGERS

SUBJECT: Starter kick-back on 3.0L GM and 2.0L Mazda

This Gram replaces FF00001 — number duplicated in error.

Intermittent starter kick-back may occur on every third or fourth attempt to start the engine on the 3.0L GM and 2.0L Mazda engines. If kick-back occurs on the 3.0L GM engine, it will break the nose cone on the starter. The Mazda engine is not experiencing the nose cone breakage but noise like the engine is dragging every third or fourth rotation of the flywheel may be experienced. The kick-back is caused by electrical system noise being picked up by the ignition distributor and in turn signaling the ignition module in the distributor to fire the spark plugs prematurely.

By installing p/n **1465935** Delay Timer Kit, into the ignition circuit, will delay the firing to the coil and insure the flywheel is rotating before firing occurs. This kit contains a delay timer, connectors and installation instructions.

Warranty Reimbursement:

The information contained herein is for information purposes only and will not be considered for warranty reimbursement unless a failure occurs within the normal warranty period.

We reserve the right to make changes in design or add improvements without incurring the obligation to make such changes in equipment previously manufactured.