

# SERVICE INFORMATION BULLETIN

## Subject: Fuel Filter Usage

This bulletin provides technical information for proper Fuel Filter usage as well as an example of damage caused by foreign material allowed to enter the fuel system as a result of using an improper fuel filter.

### 1. RELEVANT MODELS

NA6J, NB6J, NC6J, ND8J, NE8J, NJ8J, NF5J, and NV5J

### 2. CONTENTS

The use of fuel filters that are not "Genuine Hino Parts" may contribute to fuel injector failure/leakage into the cylinder causing severe and catastrophic engine damage. Genuine Hino Filters are designed to provide protection against large particles of foreign material from entering the fuel injector.

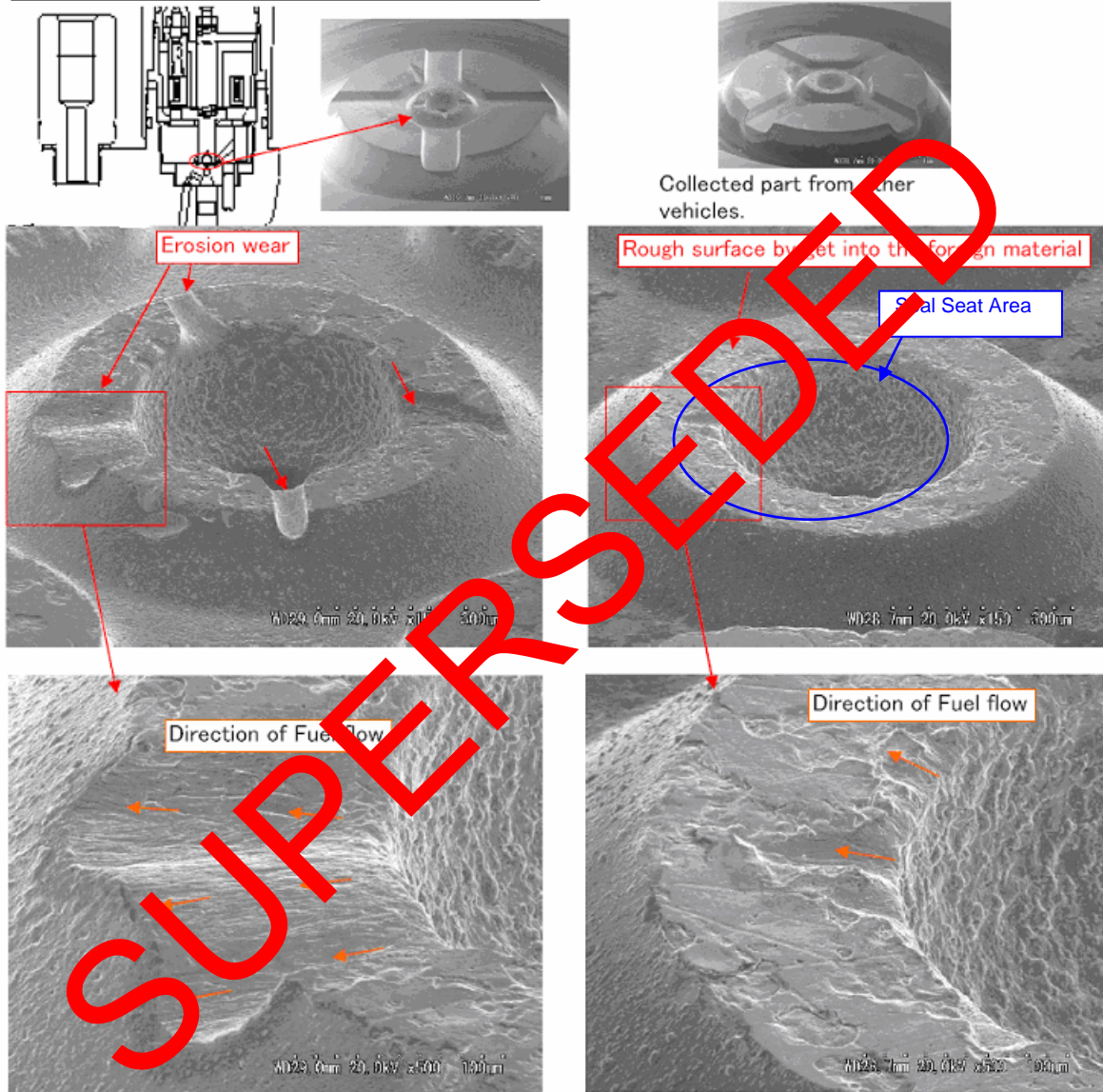
In some cases where foreign material becomes trapped between the injector needle valve and seat area (see photo). This erosion can prevent internal sealing and will lead to fuel leaks within the injector and possible over-fueling. Over-fueling can cause severe engine damage. Hino recommends the use of Genuine Hino Filters or their equivalent when performing maintenance.

### FUEL FILTER ELEMENT APPLICATION

<b>BRAND</b>	<b>PART NUMBER</b>	<b>MICRON RATING</b>
<b>Racor Equipped</b>	<b>23401-1700</b>	<b>2 Micron</b>
<b>Davco Equipped</b>	<b>FS1962490</b>	<b>7 Micron</b>

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Result of SEM observation at orifice seat position



In the photo shown above there is clear evidence that the use of improper fuel filters can cause damage to fuel injection system and possibly to the engine as a result of high pressure fuel leaking past the needle and seat within the fuel injector.

**WARRANTY IMPLICATIONS:**

The use of improper fuel filters could affect warranty coverage of components damaged by foreign material in the fuel system.