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|--------------|------------|
| Group        | 0-General  |
| Bulletin No. | SA-15-000  |
| Issue Date   | 01-30-2018 |

## TECHNICAL SERVICE BULLETIN

### 2012MY-2016MY EGR (Exhaust Gas Recirculation) Valve Heater

#### OVERVIEW

Some vehicles that operate in extreme cold weather climates may exhibit ice accumulation on the EGR (Exhaust Gas Recirculation) butterfly plate with a repeat P0064 DTC (Diagnostic Trouble Code) stored in the engine ECU. A heated EGR valve has been made available to prevent this occurrence.

**NOTE:** Please note that this bulletin is to be used in conjunction with the cold weather enhancement procedure (A-15-012).

**NOTE:** This procedure is provided as technical information and is not an authorization for a warranty repair.

#### SUBJECT VEHICLES

2012MY - 2016MY Hino Conventional NISS, NISS and NVRs trucks built before 06/15/14

#### BEFORE YOU BEGIN

- Read and understand all instructions and procedures before you begin the work.
  - Read and follow all WARNINGS and PRECAUTIONS set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
  - Park the vehicle on a flat, level and solid surface.
  - Place the gear shift lever in "Neutral" or "Park".
  - Apply the parking brake firmly and confirm parking brake activation.
  - Turn off the engine and remove the key from the ignition switch.
  - Always wear safety glasses or goggles to protect your eyes.
- Place wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.

#### PARTS

| PART NUMBER   | DESCRIPTION                       | QUANTITY    |
|---------------|-----------------------------------|-------------|
| U2942-11-000  | EGR PIPE KIT (2012-2014) (2015MY) | As Required |
| U2942-14-1000 | EGR PIPE KIT (2014-2016MY)        | As Required |

#### KIT CONTENTS

| KIT PART NUMBER: U2942-11-000 (EGR PIPE KIT) (2012-2014MY) |                    |          |
|------------------------------------------------------------|--------------------|----------|
| PART NUMBER                                                | DESCRIPTION        | QUANTITY |
| U4912-11-000                                               | BOLT, FLANGE       | 1        |
| U4912-11-015                                               | BOLT, FLANGE       | 4        |
| U2009-00014                                                | WASHER, SOFT       | 2        |
| U2901-00012                                                | BOLT               | 2        |
| U2902-00020                                                | PIPE SUB-ASSY, EGR | 1        |



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|--------------|---------------------------------------|---|
| U2911-00020  | WASHER                                | 2 |
| U4912-00020  | GASKET, EGR VALVE                     | 2 |
| U4914-00020  | GASKET, EGR PIPE                      | 2 |
| U4912-11-000 | BOLT, FLANGE                          | 2 |
| U2009-00014  | WASHER, SOFT                          | 2 |
| U2901-00012  | BOLT                                  | 2 |
| U2942-11-000 | PIPE, AIR COMPRESSOR, COOLANT, OUTLET | 1 |
| U2942-11-040 | PIPE, AIR COMPRESSOR, COOLANT, OUTLET | 1 |
| U2990-42-100 | CLIP SUB-ASSY                         | 4 |

| KIT PART NUMBER: U2942-14-1000 (EGR PIPE KIT) (2014-2016MY) |                                       |          |
|-------------------------------------------------------------|---------------------------------------|----------|
| PART NUMBER                                                 | DESCRIPTION                           | QUANTITY |
| U4912-11-000                                                | BOLT, FLANGE                          | 1        |
| U4912-11-015                                                | BOLT, FLANGE                          | 4        |
| U2009-00014                                                 | WASHER, SOFT                          | 2        |
| U2901-00012                                                 | BOLT                                  | 2        |
| U2902-00020                                                 | PIPE SUB-ASSY, EGR                    | 1        |
| U4912-00020                                                 | GASKET, EGR VALVE                     | 2        |
| U4914-00020                                                 | GASKET, EGR PIPE                      | 1        |
| U4912-11-000                                                | BOLT, FLANGE                          | 2        |
| U2009-00014                                                 | WASHER, SOFT                          | 2        |
| U2901-00012                                                 | BOLT                                  | 2        |
| U2942-11-000                                                | PIPE, AIR COMPRESSOR, COOLANT, OUTLET | 1        |
| U2942-11-040                                                | PIPE, AIR COMPRESSOR, COOLANT, OUTLET | 1        |
| U2990-42-100                                                | CLIP SUB-ASSY                         | 4        |

#### VEHICLE PREPARATION

1. Park the vehicle on a flat level and solid surface.



# Truck Workshop Manuals

**William D. Goodfellow**



## Truck Workshop Manuals:

Motor Heavy Truck Repair Manual John R. Lypen, Motor (New York, N.Y.), 1993      *Motor*, 19??      Truck Service Manual, 1984      **Motor Heavy Truck Repair Manual** John R Lypen, Timothy J Deachin, 2001      **1925 - 1926 Chevrolet Car, Pickup, & Truck Repair Shop Manual** GM Corporation, 2020-05-10 This 1925 1926 Chevrolet Car Pickup Truck Repair Shop Manual is a high quality licensed PRINT reproduction of the service manual authored by General Motors Corporation and published by Detroit Iron This OEM factory manual is 8 5 x 11 inches paperback bound shrink wrapped and contains 152 pages of comprehensive mechanical instructions with detailed diagrams photos and specifications for the mechanical components of your vehicle such as the engine transmission suspension brakes fuel exhaust steering electrical and drive line Service repair manuals were originally written by the automotive manufacturer to be used by their dealership mechanics The following 1925 1926 Chevrolet models are covered Superior Superior Truck This factory written Detroit Iron shop manual is perfect for the restorer or anyone working on one of these vehicles      Heavy Truck Repair Manual John Lypen, 2002-09      *Ford Series Truck* Ford Motor Company, 1979      An Index to Automobile and Truck Repair Manuals in the Collection of the Oak Lawn Public Library William D. Goodfellow, 1992      Volkswagen Rabbit/Jetta Diesel Service Manual, Including Pickup Truck and Turbo-diesel, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984 Robert Bentley, inc, 1984 Everything you need to troubleshoot service repair the diesel engine its direct cylinder fuel injection system This manual is just as thorough as our other two Rabbit Jetta Scirocco Pickup Truck service manuals but focuses exclusively on diesel models We eliminated information covering the gasoline engine fuel injection other subjects that don t apply to diesel engine models Removing this potentially confusing material allows us to cover particular features of the diesel models in greater depth You ll find testing troubleshooting repair steps for everything from diesel fuel injection adjustment to the oil cooler used on models with automatic transmission or Turbo Diesel engines      Medium-Heavy Duty Truck Service Manual, 1989-92 Chilton Automotive Books, Chilton Automotive Editorial Staff, 1992-10-01

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