

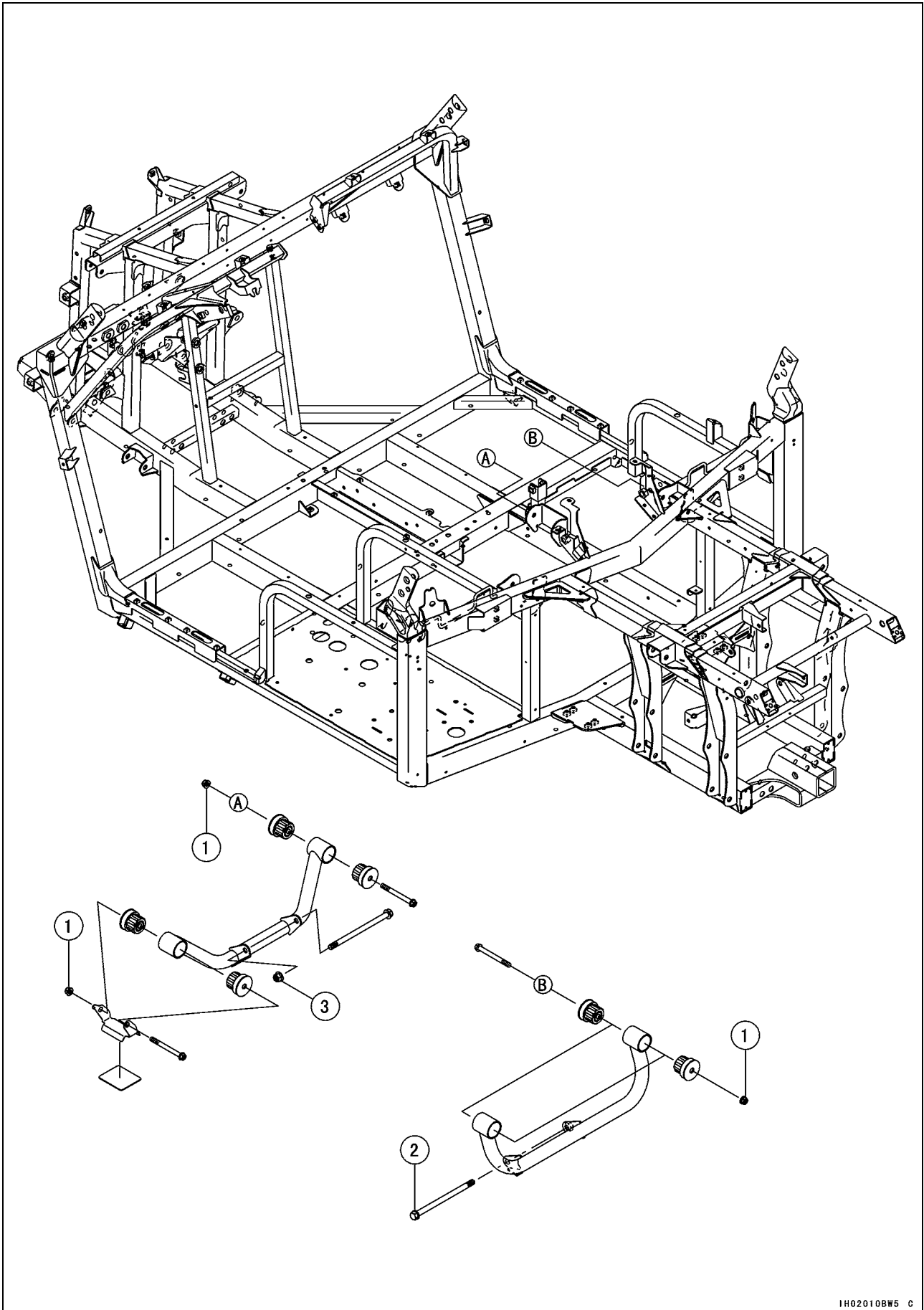
# Engine Removal/Installation

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# 8-2 ENGINE REMOVAL/INSTALLATION

## Exploded View



## ENGINE REMOVAL/INSTALLATION 8-3

### Exploded View

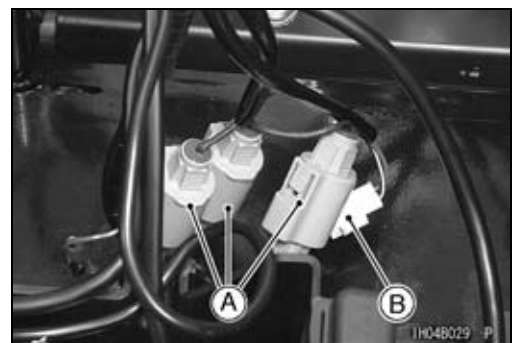
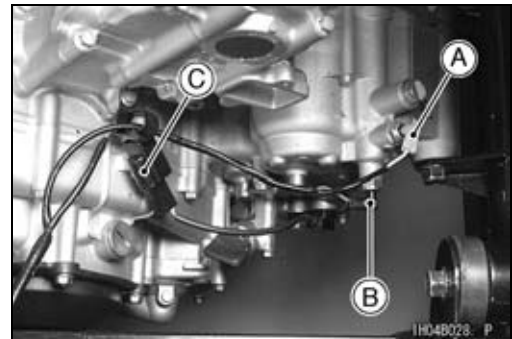
No.	Fastener	Torque			Remarks
		N·m	kgf·m	ft·lb	
1	Engine Bracket Pipe Mounting Nuts	42	4.3	31	
2	Engine Mounting Bolt	62	6.3	46	
3	Engine Mounting Nut	62	6.3	46	

## 8-4 ENGINE REMOVAL/INSTALLATION

### Engine Removal/Installation

#### Engine Removal

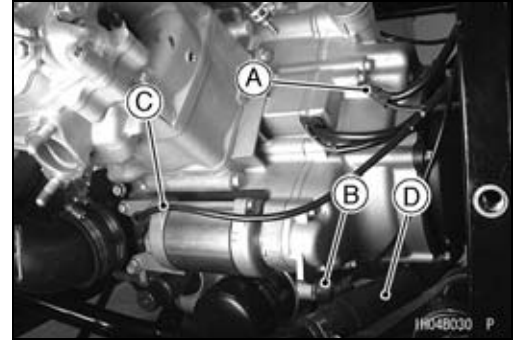
- Remove:
  - Engine Oil (drain)
  - Coolant (drain)
  - Bars (If required) (see Bars Removal in the Frame chapter)
  - Air Cleaner Housing and Duct (see Air Cleaner Housing and Duct Removal in the Fuel System chapter)
  - Carburetor (see Carburetor Removal in the Fuel System chapter)
  - Right Frame Pipe (see Right Frame Pipe Removal in the Frame chapter)
  - Left Cover (see Left Cover Removal in the Frame chapter)
  - Center Bracket (see Center Bracket Removal in the Frame chapter)
  - Muffler and Exhaust Pipe (see Muffler and Exhaust Pipe Removal in the Engine Top End chapter)
  - Front Propeller Shaft (see Front Propeller Shaft Removal in the Final Drive chapter)
  - Rear Propeller Shaft (see Rear Propeller Shaft Removal in the Final Drive chapter)
  - Torque Converter Outlet Duct (see Torque Converter Cover Removal in the Converter System chapter)
- Remove:
  - Neutral Switch Lead Connector [A]
  - Reverse Switch Lead Connector [B]
  - Forward/Reverse Detecting Sensor Lead Connector [C]
- Remove:
  - Alternator Lead Connectors [A]
  - Crankshaft Sensor Lead Connector [B]



## Engine Removal/Installation

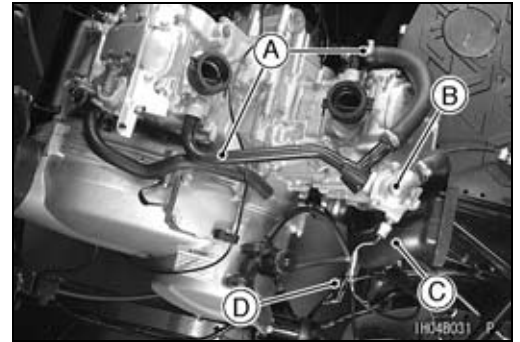
- Remove:

- Engine Ground Lead Terminal [A]
- Oil Pressure Switch Lead Connector [B]
- Starter Motor Cable [C]
- Water Hose [D]



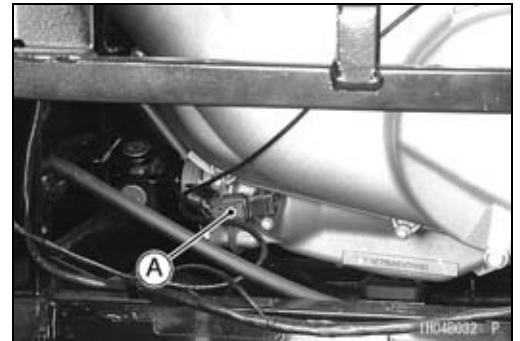
- Remove:

- Water Pipes [A] and Thermostat Housing [B]
- Torque Converter Inlet Duct [C]
- Engine Brake Actuator Lead Connector [D]



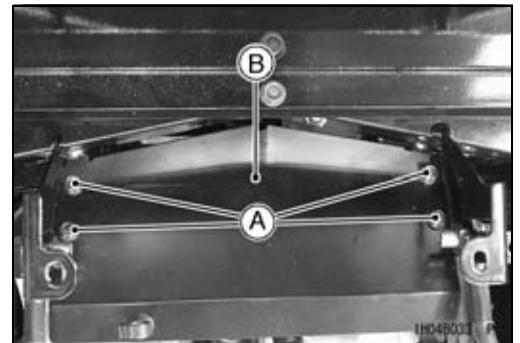
- Remove:

- Speed Sensor Connector [A]



- Remove:

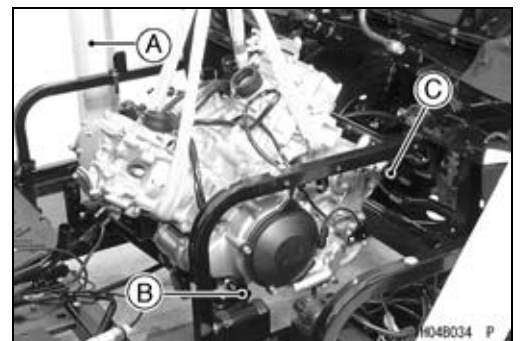
- Bolts [A]
- Plate [B]



- Hold the engine with a lifter [A].

- Remove:

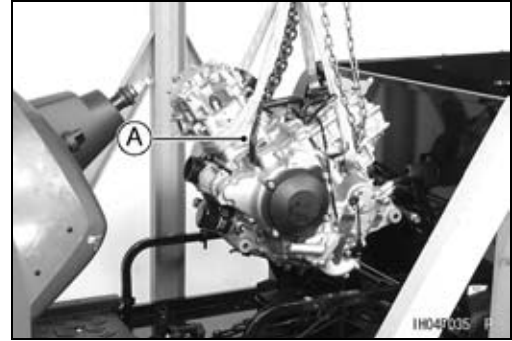
- Engine Mounting Bolt and Nut [B]
- Engine Mounting Bolt [C]



## 8-6 ENGINE REMOVAL/INSTALLATION

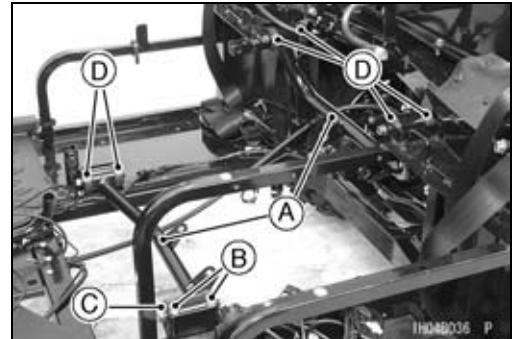
### Engine Removal/Installation

- Remove:  
Engine [A]

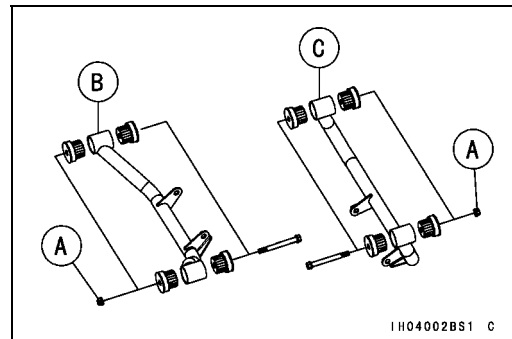


#### **Engine Installation**

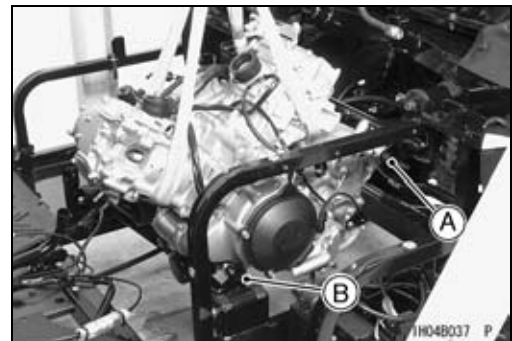
- When installing the engine bracket pipes [A], note the following.
- Install the red painted dampers [B] (part number stamped: 92161-0571) and cover [C] at the front left position.
- Touch the projection of the cover to the bracket of front side.
- Install:  
No Painted Dampers [D]



- Tighten:  
**Torque - Engine Bracket Pipe Mounting Nuts [A]: 42 N·m (4.3 kgf·m, 31 ft·lb)**  
Front Engine Bracket Pipe [B]  
Rear Engine Bracket Pipe [C]



- Install:  
Engine  
Rear Engine Mounting Bolt [A]  
Front Engine Mounting Bolt and Nut [B]
- Insert the front engine mounting bolt from right side.
- Tighten:  
**Torque - Engine Mounting Bolt and Nut : 62 N·m (6.3 kgf·m, 46 ft·lb)**



- Install the removed parts.
- Adjust:  
Throttle Cable (see Throttle Pedal Free Play Adjustment in the Periodic Maintenance chapter)  
Choke Cable (see Choke Cable Free Play Adjustment in the Periodic Maintenance chapter)  
Differential Control Cable (see Differential Control Lever Free Play Adjustment in the Periodic Maintenance chapter)

**2008 KAWASAKI TERYX 750 4x4  
Repair Service Manual KVF750 PDF**

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