

Full Function Engineering

1993-1995 Mazda RX-7 (FD3S) Oil Pedestal

Notice of Performance

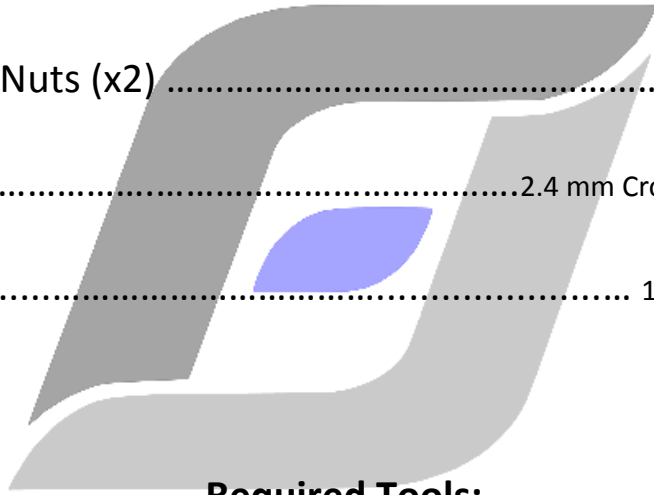
Many of the parts that we sell are of a high performance nature and may cause additional stress on your vehicle. We cannot guarantee the integrity of your automobile. Full Function Engineering shall not be responsible for damages due to neglect or damages caused by products we sell. Some parts we sell are intended for off-highway use and may not be smog legal or D.O.T approved. Federal and State laws may prohibit use of said products on your vehicle; we recommend consulting your local authorities.

Be safe during installation and use your head on the road.

Always use secondary safety devices such as jack stands.

Parts List

Oil Pedestal (x1)	Pedestal, 2 x M6 x 1.0 x 30mm studs
Flanged NyLock Nuts (x2)	M6 x 1.0
O-Rings (2x)	2.4 mm Cross Section x 15.8 mm ID
NPT Plugs (2x)	1/8" NPT Hex-Socket Plug



Required Tools:

Torque Wrench -	Range of approximately 5 lbf-ft to 60 lbf-ft.
Wrenches/sockets -	10 mm, 14 mm, 23 mm
Clean Engine Oil -	Used to lubricate o-rings
Cleaning Solvent -	Aids in oil removal.

Notes:

- Install all sensors and/or plugs into 1/8" NPT ports using correctly applied Teflon tape prior to installation of oil pedestal onto engine.
- Ensure that all threads and washers are clean and undamaged.

Installation

- Follow the Factory Service Manual (FSM) for removal of oil line banjo bolt and oil filter body.
- Once OE oil filter body is removed lightly clean oil pedestal platform with rag and cleaning solvent.
- Lubricate new o-rings with engine oil and seat in o-ring recesses on the FFE oil pedestal.
- Install pedestal onto oil filter pedestal platform.
Ensure o-rings remain seated in recess while pedestal is being installed.
- Hand thread M6 x 1.0 nuts on to oil pedestal studs.
- Torque nuts to 6-8 ft lbs.
- Ensure there is no vertical play between the pedestal and oil body platform.
- Oil line can be adjusted for alignment at oil line bracket located at the bottom driver side of the front housing.
- Hand thread two crush washers and banjo bolt into oil pedestal.
Install one sealing washer per banjo side.
- Torque banjo bolt to 50-60 ft lbs.
- Lubricate oil filter o-ring and install onto pedestal.
- Start car and check for correct idling oil pressure.
- Ensure all disturbed connections and parts are free of leaks.