

Cylinder Block and Cylinder Head Surface Finish Head Gaskets with Rubber Coating

The active layers (outer layers) of many modern Permaseal cylinder head gaskets are manufactured from pre-coated stainless steel. The pre-coating is a specifically developed rubber for use in automotive applications, This coating, usually black in colour, ensures excellent micro sealing of engine fluids.

If a surface finish is too rough or coarse the gaskets active layer coating cannot fully conform to the surface irregularities. Combustion gases and engine fluids cannot be properly sealed.

Surface finish, or more correctly, surface roughness values are normally expressed as roughness average or Ra, in micrometers or microinches. Ra is the calculated value of the average roughness deviation from the mean roughness height.

Surface finish can be measured using a surface roughness tester called a profilometer which drags a diamond tipped stylus across the surface to measure and calculate the surface finish.

When installing a Permaseal cylinder head gasket, with rubberised coating, ensure both cylinder head and cylinder block surfaces meet the required surface finish of:

Profilometer stylus measures block surface



Surface finish under .50 micrometers Ra



less than
0.50 micrometers Ra

(less than 20 microinches Ra)

NOW AVAILABLE

Hyundai Accent RB

Hyundai i20 PB

Hyundai i30 FD

Rocker Cover Set

Manifold Inlet

Manifold Exhaust

2011 on

2010 on

2008 on

RC3464K

MG4020

MG4021

G4FC

GF4A, GF4C

G4FC

Holden Apollo

Head Bolt Set

1988 - 2005

HBS020H

2/3/5VZ

2 Req.

Lexus ES300

Head Bolt Set

1988 - 2005

HBS020H

2/3/5VZ

2 Req.

Subaru Forester

Subaru Impreza

Valve Regrind Set

Head Gasket Right

Head Gasket Left

Manifold Exhaust

2013 on

2013 on

V5588SS

S5588SSR

S5588SSL

MS4092

FA20

FA20

Subaru Liberty

Full Set

Valve Regrind Set

Conversion Set

Rocker Cover Set

Rocker Cover Set

Manifold Exhaust

2009 - 2015

F5560SS

V5560SS

C5560K

RC3211K

RC3493K

MS4084

EJ25

Toyota Camry, Granvia

Toyota Hilux, Landcruiser

Head Bolt Set

1988 - 2005

1988 - 2005

HBS020H

2/3/5VZ

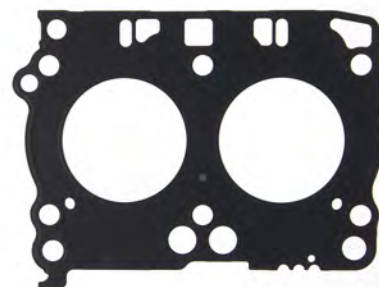
2/3/5VZ

2 Req.



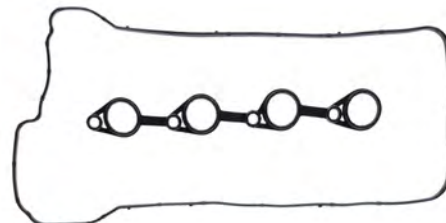
Subaru Forester Impreza Liberty
FA20

Head Gasket: S5588SSL Left



Subaru Forester Impreza Liberty
FA20

Head Gasket: S5588SSR Right



Hyundai Accent, i20, i30

G4FA, G4FC

Rocker Cover Set: RC3464K



aa gaskets

www.aagaskets.com.au

sales@aagaskets.com.au

1800 620 895