

Component Procedures: Valve

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Component Procedures: Valve

Parts and Labor (itype_189)

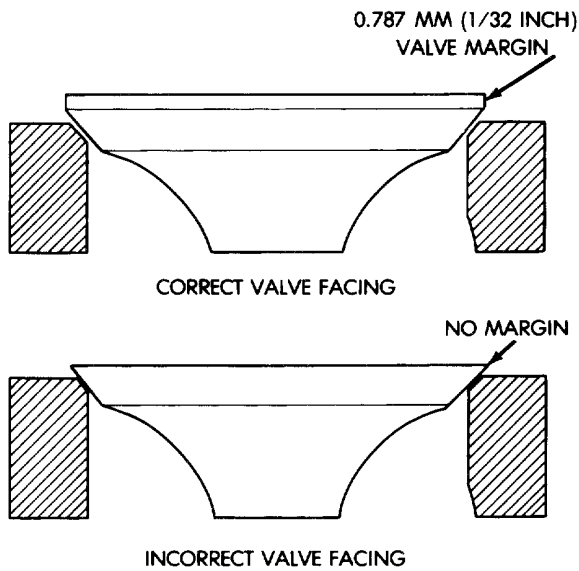
Parts

Qualifier	Part #	Name	Price	Note
Valves > Intake	33003515	5 - Intake Valve	9.25	
Valves > Exhaust	4637537	5 - Exhaust Valve	13.50	

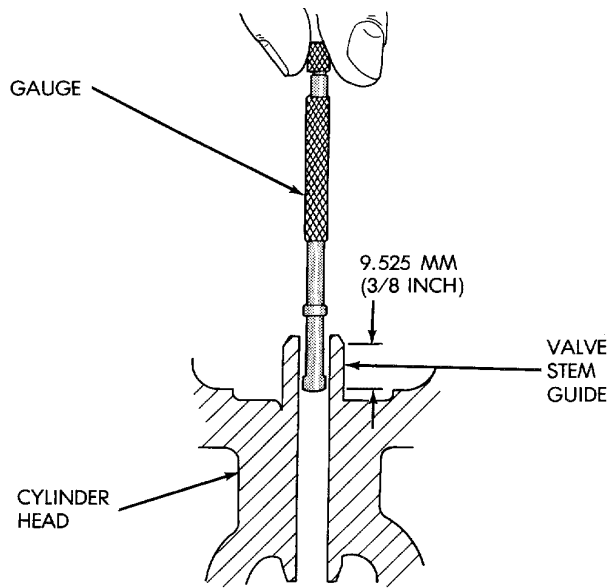
Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Resurface/Grind	All Cylinders	A	6.0	4.4
Resurface/Grind	All Cylinders > NOTE > To Knurl Valve Guides, ?	A	0.1	0.0
Resurface/Grind	All Cylinders > NOTE > To R&R Lifters, Add > ?	A	0.1	0.0
Resurface/Grind	All Cylinders > NOTE > To R&R Timing Chain, A?	A	1.1	0.0
Resurface/Grind	All Cylinders > NOTE > To R&R Valve Guides, A?	A	0.2	0.0
Resurface/Grind	All Cylinders > NOTE > To Ream Guides, Add	A	0.1	0.0
Resurface/Grind	One Cylinder	A	5.2	3.6
Resurface/Grind	One Cylinder > NOTE > To Knurl Valve Guides, ?	A	0.1	0.0
Resurface/Grind	One Cylinder > NOTE > To R&R Lifters, Add > E?	A	0.1	0.0
Resurface/Grind	One Cylinder > NOTE > To R&R Timing Chain, Add	A	1.1	0.0
Resurface/Grind	One Cylinder > NOTE > To R&R Valve Guides, Ad?	A	0.2	0.0
Resurface/Grind	One Cylinder > NOTE > To Ream Guides, Add	A	0.1	0.0

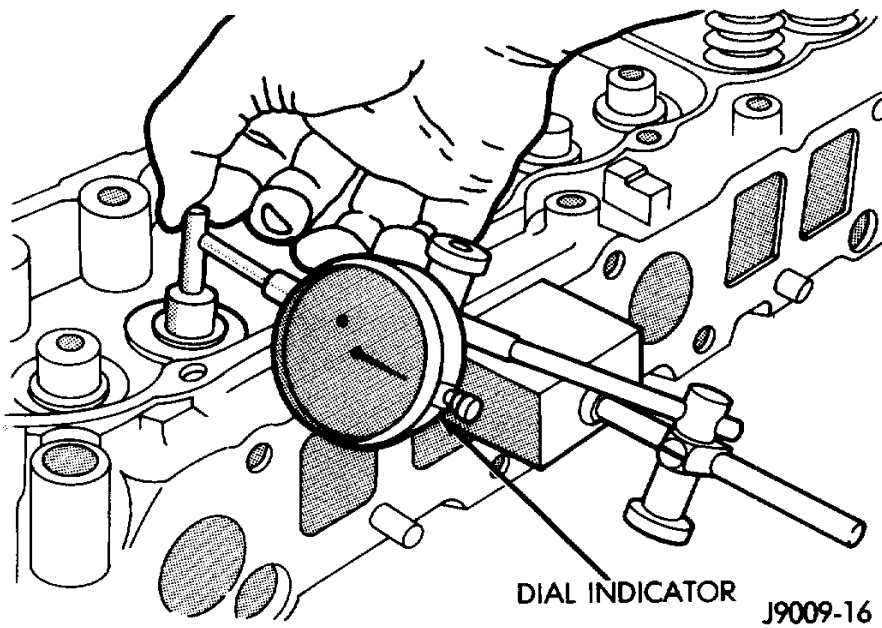
Valve Service (Article 2044899)

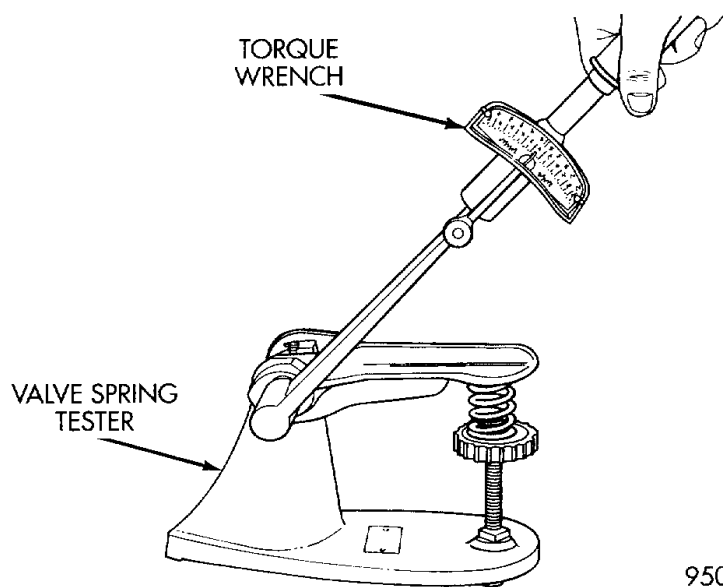


J8909-89



J9509-87





9509-79

Mechanical (including Torque) (itype_28)

Length (Tip-To-Gauge Dimension Line) Intake 4.899 to 4.924 in
Length (Tip-To-Gauge Dimension Line) Exhaust 4.927 to 4.952 in
Valve Stem Diameter 0.311 to 0.312 in
Stem-To-Guide Clearance 0.001 to 0.003 in
Valve Head Diameter-Intake 1.905 to 1.915 in
Valve Head Diameter-Exhaust 1.495 to 1.505 in
Valve Face Angle-Intake 45 deg
Valve Face Angle-Exhaust 45 deg
Tip Refinishing (Max. Allowable) 0.010 in