

HICAS Bracket Kit Installation Instructions

SPL HCB Z32

Installing Hicas bracket

The following picture shows how the bracket should be installed. Note the orientation of the toe arm to provide maximum clearance to the subframe bushings under suspension travel.

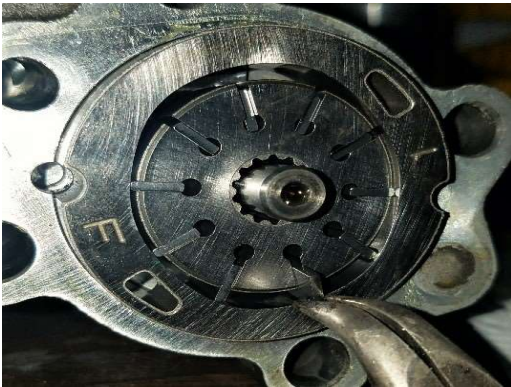
The Hicas brackets should be installed with the stock Hicas actuator bolt to the subframe. The bolt passing through the bearing of the toe arm should pass through the corresponding hole on the subframe (ie. it should pass through the bracket, bearing of toe arm and subframe). Torque both toe arm bolts to 35 ft-lbs. Torque bolt that was used to mount the Hicas actuator to 60 ft-lbs.



Eliminating Hicas hydraulic circuit (hydraulic Hicas only)



Remove back cover from pump



Remove c-clip on the shaft and use needle nose pliers to remove impeller vanes.
Reinstall back cover, torque to 23-31 ft-lbs.
Install plug with copper washer and torque to 36-51 ft-lbs.



Install metal plug onto barb for return hose of Hicas system on the power steering reservoir.
Cover with rubber cap, and tighten cap with hose clamp.
Remove Hydraulic Hicas valve unit and remaining hicas lines.

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