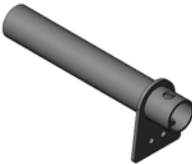
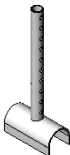
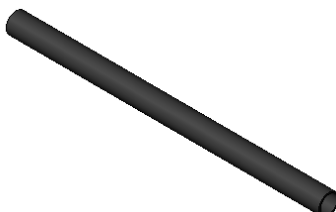
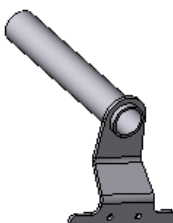
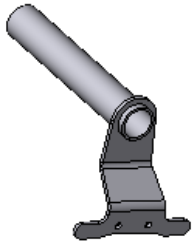
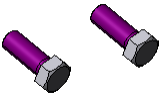


Engine Support Bar Assembly and Installation Instructions for 2010 HS250 Transaxle Replacement

ENGINE SUPPORT BAR COMPONENTS (Not all components will be used for HS250 Application)

Component Part #	Description	Quantity	Picture
ESUPPT-STAND2	Front Bar Stand	2	
556034	Adjusting Block	2	
ESUPPT-ARM	Front Bar Arm	2	
ESUPPT-2FRT	Front Bar Leg	2	
510454	Nut (3/4 ACME)	4	
214632	Knob	4	
ESUPPT-2	Front Bar	1	
ESUPPT-3URP	Straddle Bar	1	
J-28467-9	Quick Release Pin	2	
551844	Flange Bolt 6 x 1.0 x 20mm	2	

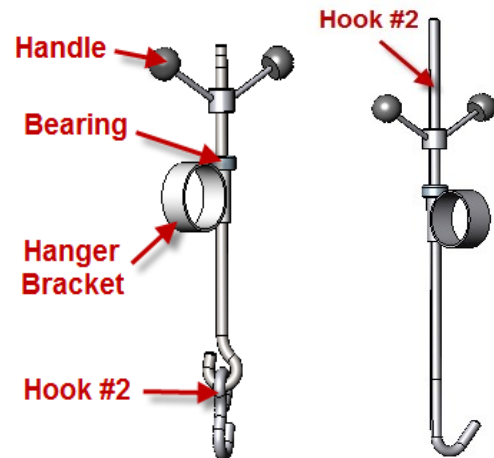
ESUPPT-3	Crossbar	1	
ESUPPT-HGR	Hanger Bracket	2	
ESUPPT-HOOK1	Hook #1	1	
ESUPPT-HOOK2	Hook # 2	1	
551832	Handle	2	
ESUPPT-3SWV	Main Bar Swivel	1	
ESUPPT-1	Main Bar	1	
ESUPPT-1PSG	Main Bar Passenger Leg	1	

ESUPPT-1DRV	Main Bar Driver Leg	1	
ESUPPT-1-90D	90 Degree Bracket	2	
16469	Hex Cap Screw	8	
10204	Hex Nut	8	
10231	Washers	8	
217011	Bearing	2	
551723	Front Bar Bracket	2	

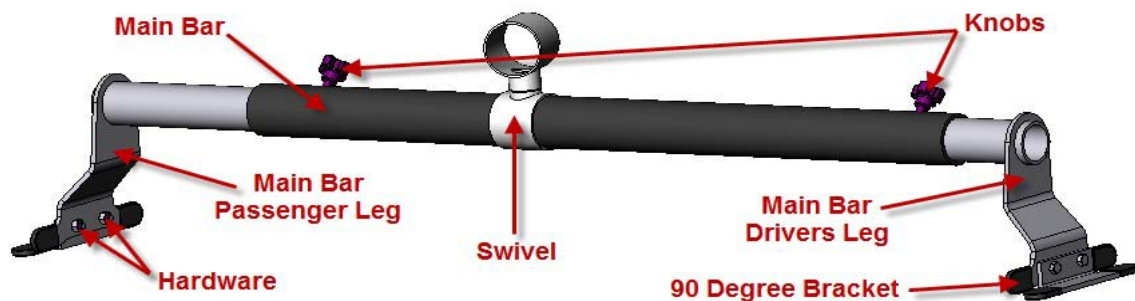
Engine Support Bar Assembly:

1. Assembly of Hook #1 or Hook #2

Components:
Hook #1 (1) or Hook # 2 (1)
Bearing (1)
Hanger Bracket (1)
Handle (1)
Assembly Instructions
1. Slide Hook #1 or #2 through hanger bracket
2. Slide Bearing on hook above hanger bracket
3. Thread handle onto hook and adjust as required



2. Assembly of the Main Bar



Components	Assembly Instructions
Main Bar (1)	1. Slide the swivel onto the main bar
Swivel (1)	2. Depending on vehicle design Hook # 1 or #2 may need to be installed onto main bar assembly
Knobs (2)	3. Slide the driver and passenger legs into the main bar
90 Degree Brackets (2) (Hardware included)	4. Screw the knobs into the threaded holes in the main bar to prevent the legs from sliding out of the bar
Optional Hook #1 or Hook #2 Assembly	5. Attach the 90 degree brackets to the legs for required models

3. Assembly of the Front Bar:

Components

Front Bar (1)

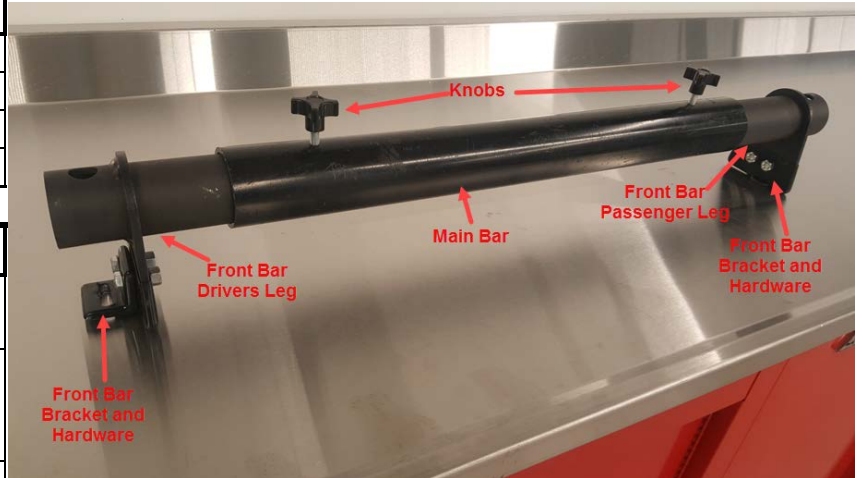
Front Bar Legs (2)

Front Bar Brackets (2)

Knobs (2)

Assembly Instructions

1. Insert both of the front bar legs into the front bar
2. Screw the knobs into the threaded holes in the front bar to prevent the legs from sliding out of the bar
3. Bolt the front bar brackets into the front bar



Installation for 2010 HS250:

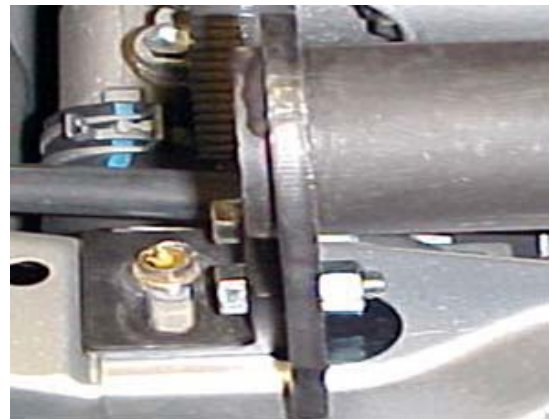
1. Remove the LH and RH trim covers shown in the illustration



2. Apply tape to the top of the body rail to prevent scratching. Place the main bar on the vehicle's body rail.



3. Attach the front bar to the radiator core support using the included front bar brackets.



4. Insert the crossbar through the main bar swivel on the main bar.

Note: The sliding sleeve may be placed above or below the main bar.

Be careful not to let the main bar swivel fall and damage the windshield or the hood when placing the crossbar through the main bar swivel.



5. Insert the straddle bar into the crossbar making sure it is level.



6. Attach a chain from the engine hook/hooks to hook #1 or # 2 of the engine support bar.



7. Perform repair procedure