

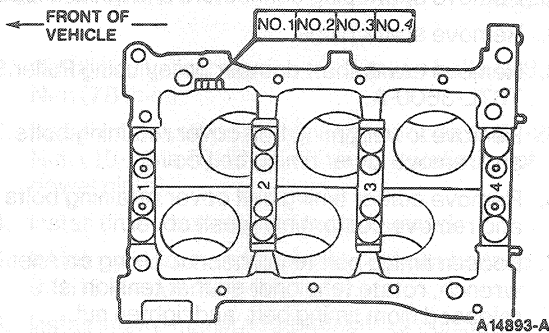
DISASSEMBLY AND ASSEMBLY (Continued)

32. Remove fuel rail retaining bolts and remove fuel rail.
33. Disconnect wiring harness to fuel injectors.
34. Remove six injector insulators from cylinder heads.
35. Remove ignition coil pack retaining screws and remove coil pack.
36. Remove ignition coil pack bracket.
37. Remove water pump retaining bolts and remove water pump.
38. Remove water bypass pipe.
39. Remove water outlet assembly.
40. Remove cylinder head covers and gaskets.
41. Remove oil indicator tube.
42. Disconnect cooler hose from LH head.
43. Remove cylinder head retaining bolts and remove cylinder heads.
44. Disconnect engine oil level sensor.
45. Remove engine oil pan.
46. Remove oil screen assembly.
47. Remove main bearing support beam.
48. Remove oil pump retaining bolts and remove oil pump.
49. Remove oil baffle.
50. Remove connecting rod caps and pistons.
51. Remove crankshaft bearing caps and remove crankshaft.

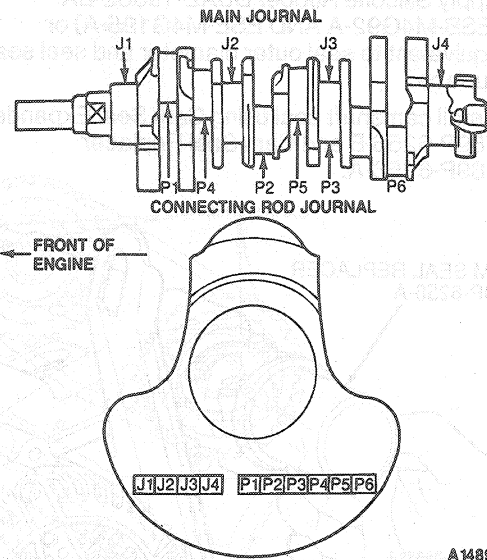
Assembly

NOTE: Check for defects and scratches on main bearing inner face before assembly. Thoroughly clean bearing housings and back face of main bearings. Check all component specifications before installation.

1. Install crankshaft as follows:
 - a. Install upper main bearings on cylinder block.



- b. Apply a coat of Engine Assembly Lubricant D9AZ-19579-D (ESR-M99C80-A) or equivalent onto bearings.
- c. Carefully lay crankshaft on bearings.



CAUTION: Make sure oil groove on thrust bearing faces crankshaft.

- d. Install upper thrust bearings on front and rear of No. 3 journal by pushing the crankshaft front and rear.

