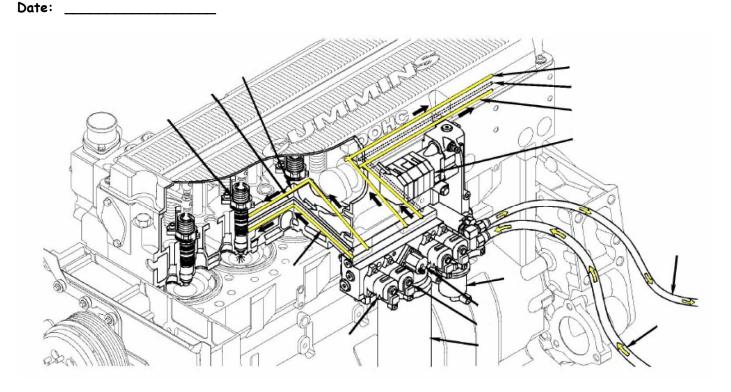
Cummins ISX (With EGR) & INSITE 7.x Familiarization

Name:			



- **1.** Identify the following component locations using numbers written beside the corresponding arrow (Draw new arrows if necessary):
 - 1. Fuel Supply from Tank
 - 2. Fuel Lift Pump
 - 3. Fuel Pump
 - 4. Pressure Fuel Filter
 - 5. Fuel Shutoff Valve
 - 6. Fueling Actuator

- 7. Timing Actuator
- 8. Fueling Supply to Injector
- 9. Timing Fuel Supply to Injector
- 10. Injector
- 11. Fuel Drain to Tank.

		cate with the ECM and monitor the following data parameters. Reng) at idle and during a snap acceleration.	ecord		
	@ Idle (Units)	@ High Idle (Units)			
Turbo speed					
Intake Boost					
EGR Pressure					
Rail Pressure		What is this value in psi?			
Fuel Rate (GPH)					
Exhaust Temp (EGR)					
Exhaust Pressure					
3. Perform the follow	ving diagnostic/fun	nctional tests			
Cylinder periEGR valve fu	formance inctioning	(ok/not ok)			
4. Change or record the following engine feature/programmable parameter: Gear down protection Driver Reward					
Engine hours		Torque Limit 1 st gear			
Idle time		Maximum Vehicle speed wo Vss			
Total idle fuel used		Engine Protection shutdown	Engine Protection shutdown		
Governor Typ	e	Engine Idle speed	-		
5. Trace the flow of 6	exhaust gases throu	ugh the EGR system			
6. Does the engine has of this programmable	-	peed control programmable parameter enabled? Look-up the purp 'Power Spec".	ose		