

Diesel Technology 2yr	
Item	Standard
2) CONTENT STANDARD 2.0: IDENTIFY AND UTILIZE SAFETY PROCEDURES AND PROPER TOOLS	
18	1) Performance Standard 2.1: Demonstrate General Lab Safety Rules and Procedures
6	2) Performance Standard 2.2: Identify and Utilize Proper Tools and Fasteners
3) CONTENT STANDARD 3.0: PERFORM BASIC VEHICLE SERVICE	
4	1) Performance Standard 3.1: Identify and Utilize Vehicle Service Information
6	2) Performance Standard 3.2: Prepare a Vehicle for Service and Return to Customer
4) CONTENT STANDARD 4.0: APPLY FUNDAMENTAL CONCEPTS OF DIESEL ENGINES	
1	1) Performance Standard 4.1: Explore Diesel Engine Fundamentals
2	5) Performance Standard 4.5: Explore Cooling Systems
2	6) Performance Standard 4.6: Explore Lubrication Needs and Procedures
5) CONTENT STANDARD 5.0: APPLY CONCEPTS OF DIESEL ENGINE REPAIR	
2	1) Performance Standard 5.1: Perform Cylinder Head and Valve Train Service, Evaluation, and Repair with Supervision
4	2) Performance Standard 5.2: Perform Engine Block Service, Evaluation, and Repair with Supervision
6) CONTENT STANDARD 6.0: EXPLORE FUNDAMENTAL CONCEPTS OF DRIVETRAINS	
1	2) Performance Standard 6.2: Explore Manual Transmissions
1	4) Performance Standard 6.4: Explore Drivelines, Differentials, and Axles
7) CONTENT STANDARD 7.0: EXPLORE FUNDAMENTAL CONCEPTS OF HYDRAULICS	
1	1) Performance Standard 7.1: Investigate General Hydraulic System Operation
8) CONTENT STANDARD 8.0: ANALYZE HYDRAULIC SYSTEMS	
1	1) Performance Standard 8.1: Examine Hoses, Fittings, and Connections
9) CONTENT STANDARD 9.0: EXPLORE FUNDAMENTAL CONCEPTS OF ELECTRICAL AND ELECTRONIC SYSTEMS	
10	1) Performance Standard 9.1: Explore General Electrical Systems
1	2) Performance Standard 9.2: Explore General Electronic Systems
10) CONTENT STANDARD 10.0: EXPLORE FUNDAMENTALS OF HYDRAULIC AND AIR BRAKES	
7	1) Performance Standard 10.1: Investigate Hydraulic Brakes for Service
11) CONTENT STANDARD 11.0: ANALYZE BRAKE SYSTEMS	
11	1) Performance Standard 11.1: Assess Hydraulic Brakes
1	2) Performance Standard 11.2: Assess Hydraulic Brakes – Mechanical/Foundation Brakes
12) CONTENT STANDARD 12.0: EXPLORE FUNDAMENTALS OF TIRES, WHEELS, STEERING, AND SUSPENSION	
6	1) Performance Standard 12.1: Assess Tires and Wheels for Service

13) CONTENT STANDARD 13.0: PERFORM PREVENTATIVE MAINTENANCE INSPECTION AND SERVICE

6

1) Performance Standard 13.1: Perform Engine Preventative Maintenance Inspection (PMI) and Service

3

2) Performance Standard 13.2: Investigate Fuel Systems for Service

6

3) Performance Standard 13.3: Investigate Intake and Exhaust Systems for Service

100

Total Correlations