

TRUCK AND TRANSPORT MECHANIC

TRUCK AND TRANSPORT MECHANIC NOA STRUCTURE - 2015		MOVED TO	TRUCK AND TRANSPORT MECHANIC RSOS STRUCTURE - 2021	
Block A	COMMON OCCUPATIONAL SKILLS		MWA A	PERFORMS COMMON OCCUPATIONAL SKILLS
Task 1	Performs Safety-Related Functions		Task 1	Performs safety-related functions
1.01	Maintains safe work environment.	1.01	1.01	Maintains safe work environment.
1.02	Uses Personal Protective Equipment (PPE) and safety equipment	1.02	1.02	Uses personal protective equipment (PPE) and safety equipment
			1.03	Implements specific safety protocols for hybrid and electric vehicles (EV)
Task 2	Uses and maintains tools and equipment.		Task 2	Uses and maintains tools and equipment
2.01	Maintains hand, power, measuring, testing, and diagnostic tools.	2.01	2.01	Uses hand, power, measuring, testing, and diagnostic tools
2.02	Maintains Shop Equipment	2.02	2.02	Uses shop equipment
2.03	Uses hoisting and lifting equipment.	2.03	2.03	Uses hoisting, lifting and staging equipment
2.04	Uses welding and cutting equipment.	2.04	2.04	Uses welding and cutting equipment
			2.05	Uses electronic devices and systems for diagnostics and programming
Task 3	Performs Routine Trade Activities		Task 3	Performs routine work practices
3.01	Uses Documentation and Reference Materials	3.01	3.01	Uses documentation and reference materials
3.02	Maintains Fluids, Lubricants, and Coolants	3.02	3.02	Maintains fluids and lubricants
3.03	Services Hoses, Tubing, and Fittings	3.03	3.03	Services hoses, tubing and fittings
3.04	Services Filters	3.04	3.04	Services filters
3.05	Services Bearings, Bushing and Seals	3.05	3.05	Services bearings and seals
3.06	Uses Fasteners, Sealing Devices, Adhesives and Gaskets	3.06	3.06	Uses fasteners and sealing devices
			Task 4	Uses communication and mentoring techniques
			4.01	Uses communication techniques
			4.02	Uses mentoring techniques
Block B	ENGINE AND SUPPORTING SYSTEMS		MWA B	SERVICES, DIAGNOSES AND REPAIRS ENGINES AND SUPPORTING SYSTEMS
Task 4	Services, diagnoses and repairs base engine.	Task 5	Task 5	Services, diagnoses and repairs base engines
4.01	Services base engine.	5.01	5.01	Services base engines
4.02	Diagnoses base engine.	5.02	5.02	Diagnoses base engines
4.03	Repairs base engine.	5.03	5.03	Repairs base engines
Task 5	Services, diagnoses and repairs lubrication systems.	Task 6	Task 6	Services, diagnoses and repairs lubrication systems
5.01	Services lubrication system	6.01	6.01	Services lubrication systems
5.02	Diagnoses lubrication system	6.02	6.02	Diagnoses lubrication systems
5.03	Repairs lubrication system	6.03	6.03	Repairs lubrication systems
Task 6	Services, diagnoses and repairs intake and exhaust systems.	Task 7	Task 7	Services, diagnoses and repairs intake and exhaust systems
6.01	Services intake and exhaust systems.	7.01	7.01	Services intake systems
6.02	Diagnoses intake and exhaust systems.	7.02	7.02	Diagnoses intake systems
6.03	Repairs intake and exhaust systems.	7.03	7.03	Repairs intake systems
Task 7	Services, diagnoses and repairs engine management system.	Task 9	Task 8	Services, diagnoses and repairs exhaust systems
7.01	Services engine management system.	9.01	8.01	Services exhaust systems
7.02	Diagnoses engine management system.	9.02	8.02	Diagnoses exhaust systems
7.03	Repairs engine management system.	9.03	8.03	Repairs exhaust systems
Task 8	Services, diagnoses and repairs fuel delivery system.	Task 10	Task 9	Services, diagnoses and repairs engine management systems
8.01	Services fuel delivery system.	10.01	9.01	Services engine management systems
8.02	Diagnoses fuel delivery system.	10.02	9.02	Diagnoses engine management systems
8.03	Repairs fuel delivery system.	10.03	9.03	Repairs engine management systems
Task 9	Services, diagnoses and repairs emission systems for diesel engines.	Task 8	Task 10	Services, diagnoses and repairs fuel delivery systems
9.01	Services emission systems for diesel engines.	8.01	10.01	Services fuel delivery systems
9.02	Diagnoses emission systems for diesel engines.	8.02	10.02	Diagnoses fuel delivery systems
9.03	Repairs emission systems for diesel engines.	8.03	10.03	Repairs fuel delivery systems
Task 10	Services, diagnoses and repairs engine retarder systems.	Task 11	Task 11	Services, diagnoses and repairs engine retarder systems
10.01	Services and repairs engine retarder systems	11.01	11.01	Services engine retarder systems
10.02	Diagnoses engine retarder systems	11.02	11.02	Diagnoses engine retarder systems
Task 11	Services, diagnoses and repairs cooling system	11.03	11.03	Repairs engine retarder systems
11.01	Services cooling system.	Task 12	Task 12	Services, diagnoses and repairs cooling systems
11.02	Diagnoses cooling system.	12.01	12.01	Services cooling systems
11.03	Repairs cooling system.	12.02	12.02	Diagnoses cooling systems
		12.03	12.03	Repairs cooling systems
Block C	AIR SYSTEMS AND BRAKES		MWA C	SERVICES, DIAGNOSES AND REPAIRS AIR SYSTEMS AND BRAKE SYSTEMS
Task 12	Services, diagnoses and repairs air systems.	Task 13	Task 13	Services, diagnoses and repairs air systems
12.01	Services air systems.	13.01	13.01	Services air systems
12.02	Diagnoses air systems.	13.02	13.02	Diagnoses air systems
12.03	Repairs air systems.	13.03	13.03	Repairs air systems
Task 13	Services, diagnoses and repairs brake systems.	Task 14	Task 14	Services, diagnoses and repairs brake systems
13.01	Services brake systems.	14.01	14.01	Services brake systems
13.02	Diagnoses brake systems.	14.02	14.02	Diagnoses brake systems
13.03	Repairs brake systems	14.03	14.03	Repairs brake systems
Block D	ELECTRICAL AND ELECTRONIC SYSTEMS		MWA D	SERVICES, DIAGNOSES AND REPAIRS ELECTRICAL AND ELECTRONIC SYSTEMS
Task 14	Services, diagnoses and repairs batteries.	Task 15	Task 15	Service, diagnoses and repairs battery systems
14.01	Performs servicing and repair of batteries.	15.01	15.01	Services battery systems
14.02	Diagnoses batteries.	15.02	15.02	Diagnoses battery systems
Task 15	Services, diagnoses and repairs charging systems.	15.03	15.03	Repairs battery systems
15.01	Services charging systems.	Task 16	Task 16	Services, diagnoses and repairs charging systems
15.02	Diagnoses charging systems.	16.01	16.01	Services charging systems
15.03	Repairs charging systems.	16.02	16.02	Diagnoses charging systems
		16.03	16.03	Repairs charging systems
Task 16	Services, diagnoses and repairs spark ignition systems.	Task 17	Task 17	Services, diagnoses and repairs spark ignition systems
16.01	Performs servicing and repair of spark ignition systems.	17.01	17.01	Services spark ignition systems
16.02	Diagnoses spark ignition systems.	17.02	17.02	Diagnoses spark ignition systems
Task 17	Services, diagnoses and repairs starting systems.	17.03	17.03	Repairs spark ignition systems
17.01	Performs servicing and repairs of starting systems.	Task 18	Task 18	Services, diagnoses and repairs starting systems
17.02	Diagnoses starting systems.	18.01	18.01	Services starting systems
Task 18	Services, diagnoses and repairs electrical components and accessories	18.02	18.02	Diagnoses starting systems
		18.03	18.03	Repairs starting systems
18.01	Performs servicing and repair of electrical components and accessories.	Task 19	Task 19	Services, diagnoses and repairs electrical components and accessories
18.02	Diagnoses electrical components and accessories.	19.01	19.01	Services electrical components and accessories
Task 19	Services, diagnoses and repairs vehicle management systems and electronic components.	19.02	19.02	Diagnoses electrical components and accessories
		19.03	19.03	Repairs electrical components and accessories
19.01	Services vehicle management systems and electronic components.	Task 20	Task 20	Services, diagnoses and repairs vehicle management systems and electronic components
19.02	Diagnoses vehicle management systems and electronic components.	20.01	20.01	Services vehicle management systems and electronic components
19.03	Repairs vehicle management systems and electronic components.	20.02	20.02	Diagnoses vehicle management systems and electronic components
		20.03	20.03	Repairs vehicle management systems and electronic components
Block E	DRIVE TRAIN		MWA E	SERVICES, DIAGNOSES AND REPAIRS DRIVE TRAINS
Task 20	Services, diagnoses and repairs clutches.	Task 21	Task 21	Services, diagnoses and repairs clutches
20.01	Services clutches.	21.01	21.01	Services clutches
20.02	Diagnoses clutches.	21.02	21.02	Diagnoses clutches
20.03	Repairs clutches.	21.03	21.03	Repairs clutches
Task 21	Services, diagnoses and repairs manual transmissions and transfer cases	Task 22	Task 22	Services, diagnoses and repairs manual transmissions and transfer cases
21.01	Services manual transmissions and transfer cases.	22.01	22.01	Services manual transmissions and transfer cases
21.02	Diagnoses manual transmissions and transfer cases.	22.02	22.02	Diagnoses manual transmissions and transfer cases
21.03	Repairs manual transmissions and transfer cases.	22.03	22.03	Repairs manual transmissions and transfer cases

Task 22	Services, diagnoses and repairs automatic transmissions.	Task 23	Task 23	Services, diagnoses and repairs automatic transmissions
22.01	Services automatic transmissions.	23.01	23.01	Services automatic transmissions
22.02	Diagnoses automatic transmissions.	23.02	23.02	Diagnoses automatic transmissions
22.03	Repairs automatic transmissions.	23.03	23.03	Repairs automatic transmissions
Task 23	Services, diagnoses and repairs automated transmission.	Task 24	Task 24	Services, diagnoses and repairs automated transmissions
23.01	Services automated transmissions.	24.01	24.01	Services automated transmissions
23.02	Diagnoses automated transmissions.	24.02	24.02	Diagnoses automated transmissions
23.03	Repairs automated transmissions.	24.03	24.03	Repairs automated transmissions
Task 24	Services, diagnoses and repairs driveline systems.	Task 25	Task 25	Services, diagnoses and repairs driveline systems
24.01	Services driveline systems.	25.01	25.01	Services driveline systems
24.02	Diagnoses driveline systems.	25.02	25.02	Diagnoses driveline systems
24.03	Repairs driveline systems	25.03	25.03	Repairs driveline systems
Task 25	Services, diagnoses and repairs differentials.	Task 26	Task 26	Services, diagnoses and repairs drive axle assemblies
25.01	Services differentials.	26.01	26.01	Services drive axle assemblies
25.02	Diagnoses differentials.	26.02	26.02	Diagnoses drive axle assemblies
25.03	Repairs differentials.	26.03	26.03	Repairs drive axle assemblies
Task 26	Services, diagnoses and repairs drive train retarders.	Task 27	Task 27	Services, diagnoses and repairs drive train retarders
26.01	Services drive train retarders.	27.01	27.01	Services drive train retarders
26.02	Diagnoses drive train retarders.	27.02	27.02	Diagnoses drive train retarders
26.03	Repairs drive train retarders.	27.03	27.03	Repairs drive train retarders
BLOCK F	STEERING, CHASSIS/FRAMES, SUSPENSION, WHEELS, HUBS AND TIRES		MWA F	SERVICES, DIAGNOSES AND REPAIRS STEERING, CHASSIS/FRAMES, SUSPENSIONS, TIRES, WHEELS AND HUBS
Task 27	Services, diagnoses and repairs steering systems.	Task 28	Task 28	Services, diagnoses and repairs steering systems
27.01	Services steering system.	28.01	28.01	Services steering systems
27.02	Diagnoses steering system.	28.02	28.02	Diagnoses steering systems
27.03	Repairs steering systems.	28.03	28.03	Repairs steering systems
Task 28	Services, diagnoses and repairs chassis/frames.	Task 29	Task 29	Services, diagnoses and repairs chassis/frames
28.01	Services chassis/frames.	29.01	29.01	Services chassis/frames
28.02	Diagnoses chassis/frames.	29.02	29.02	Diagnoses chassis/frames
28.03	Repairs chassis/frames	29.03	29.03	Repairs chassis/frames
Task 29	Services, diagnoses and repairs suspension.	Task 30	Task 30	Services, diagnoses and repairs suspensions
29.01	Services suspension.	30.01	30.01	Services suspensions
29.02	Diagnoses suspension.	30.02	30.02	Diagnoses suspensions
29.03	Repairs suspension.	30.03	30.03	Repairs suspensions
Task 30	Services, diagnoses and repairs hitches and couplers.	Task 31	Task 31	Services, diagnoses and repairs hitches and couplers
30.01	Services hitches and couplers.	31.01	31.01	Services hitches and couplers
30.02	Diagnoses hitches and couplers	31.02	31.02	Diagnoses hitches and couplers
30.03	Repairs hitches and couplers.	31.03	31.03	Repairs hitches and couplers
Task 31	Services, diagnoses and repairs tires, wheels and hubs.	Task 32	Task 32	Services, diagnoses and repairs tires, wheels and hubs
31.01	Services tires, wheels and hubs	32.01	32.01	Services tires, wheels and hubs
31.02	Diagnoses tires, wheels and hubs	32.02	32.02	Diagnoses tires, wheels and hubs
31.03	Repairs tires, wheels and hubs	32.03	32.03	Repairs tires, wheels and hubs
BLOCK G	CAB		MWA G	SERVICES, DIAGNOSES AND REPAIRS CABS
Task 32	Services, diagnoses and repairs interior cab components.	Task 33	Task 33	Services, diagnoses and repairs interior cab components
32.01	Services interior cab components.	33.01	33.01	Services interior cab components
32.02	Diagnoses interior cab components.	33.02	33.02	Diagnoses interior cab components
32.03	Repairs interior cab components.	33.03	33.03	Repairs interior cab components
Task 33	Services, diagnoses and repairs exterior cab components.	Task 34	Task 34	Services, diagnoses and repairs exterior cab components
33.01	Services exterior cab components.	34.01	34.01	Services exterior cab components
33.02	Diagnoses exterior cab components.	34.02	34.02	Diagnoses exterior cab components
33.03	Repairs exterior cab components.	34.03	34.03	Repairs exterior cab components
BLOCK H	TRAILERS		MWA H	SERVICES, DIAGNOSES AND REPAIRS TRAILERS
Task 34	Services, diagnoses and repairs trailer components and accessories.	Task 35	Task 35	Services, diagnoses and repairs trailer components and accessories
34.01	Services trailer components and accessories.	35.01	35.01	Services trailer components and accessories
34.02	Diagnoses trailer components and accessories.	35.02	35.02	Diagnoses trailer components and accessories
34.03	Repairs trailer components and accessories.	35.03	35.03	Repairs trailer components and accessories
Task 35	Services, diagnoses and repairs heating and refrigeration systems.	Task 36	Task 36	Services, diagnoses and repairs heating and refrigeration systems
35.01	Services heating and refrigeration systems.	36.01	36.01	Services heating and refrigeration systems
35.02	Diagnoses heating and refrigeration systems.	36.02	36.02	Diagnoses heating and refrigeration systems
35.03	Repair heating and refrigeration systems	36.03	36.03	Repairs heating and refrigeration systems
BLOCK I	CLIMATE CONTROL		MWA I	SERVICES, DIAGNOSES AND REPAIRS CLIMATE CONTROL SYSTEMS
Task 36	Services, diagnoses and repairs heating and ventilation systems.	Task 37	Task 37	Services, diagnoses and repairs heating and ventilation systems
36.01	Services heating and ventilation systems.	37.01	37.01	Services heating and ventilation systems
36.02	Diagnoses heating and ventilation systems.	37.02	37.02	Diagnoses heating and ventilation systems
36.03	Repairs heating and ventilation systems.	37.03	37.03	Repairs heating and ventilation systems
Task 37	Services, diagnoses and repairs air conditioning systems.	Task 38	Task 38	Services, diagnoses and repairs air conditioning systems
37.01	Services air conditioning systems.	38.01	38.01	Services air conditioning systems
37.02	Diagnoses air conditioning systems.	38.02	38.02	Diagnoses air conditioning systems
37.03	Repairs air conditioning systems.	38.03	38.03	Repairs air conditioning systems
BLOCK J	HYDRAULIC SYSTEMS		MWA J	SERVICES, DIAGNOSES AND REPAIRS HYDRAULIC SYSTEMS
Task 38	Services, diagnoses and repairs hydraulic components	Task 39	Task 39	Services, diagnoses and repairs hydraulic components
38.01	Services hydraulic components.	39.01	39.01	Services hydraulic components
38.02	Diagnoses hydraulic components.	39.02	39.02	Diagnoses hydraulic components
38.03	Repairs hydraulic components.	39.03	39.03	Repairs hydraulic components
			MWA K	SERVICES, DIAGNOSES AND REPAIRS HYBRID AND ELECTRIC VEHICLES (EV)
			Task 40	Services, diagnoses and repairs hybrid vehicles
			40.01	Services hybrid vehicles

40.02	Diagnoses hybrid vehicles
40.03	Repairs hybrid vehicles
Task 40	Services, diagnoses and repairs electric vehicles (EV)
41.01	Services electric vehicles (EV)
41.02	Diagnoses electric vehicles (EV)
41.03	Repairs electric vehicles (EV)