

2012 NOA Structure		MOVED TO:
BLOCK A	<b>COMMON OCCUPATIONAL SKILLS</b>	MWA A
Task 1	<b>Performs safety-related functions</b>	Task 1
1.01	Maintains safe work environment.	1.01
1.02	Uses personal protective equipment (PPE) and safety equipment.	1.02
Task 2	<b>Performs routine work practices.</b>	Task 2
2.01	Uses trade-related consumables.	2.01
2.02	Performs periodic maintenance.	2.02
2.03	Performs storage procedures.	2.03
2.04	Prepares new units.	2.04
2.05	Conducts safety inspection.	2.05
2.06	Maintains tools and equipment	Task 3
2.07	Verifies repairs.	2.06
2.08	Prepares reports and recommendations	3.07
BLOCK B	<b>CHASSIS AND SUSPENSION</b>	MWA B
Task 3	<b>Diagnoses chassis and components.</b>	Task 5
3.01	Diagnoses frame.	5.01

	Motorcycle Mechanic RSOS 2020	CAME FROM:
MWA A	<b>Performs common occupational skills</b>	BLOCK A
Task 1	<b>Performs safety-related functions</b>	Task 1
1.01	Maintains safe work environment	1.01
1.02	Uses personal protective equipment (PPE) and safety equipment	1.02
Task 2	<b>Performs routine work practices</b>	Task 2
2.01	Uses trade-related consumables	2.01
2.02	Performs periodic maintenance	2.02
2.03	Performs storage procedures	2.03
2.04	Prepares new <b>motorcycles</b>	2.04
2.05	Conducts safety inspection	2.05
2.06	Verifies repairs	2.06
Task 3	<b>Uses tools, equipment and documentation</b>	2.06
3.01	<b>Uses diagnostic tools and equipment</b>	<b>new</b>
3.02	<b>Uses precision measuring instruments</b>	<b>new</b>
3.03	<b>Uses hand tools</b>	<b>new</b>
3.04	<b>Uses heating/cutting tools and equipment</b>	<b>new</b>
3.05	<b>Uses pneumatic and electric power tools and equipment</b>	<b>new</b>
3.06	<b>Uses shop equipment</b>	<b>new</b>
3.07	<b>Uses documentation</b>	<b>new (2.08)</b>
Task 4	<b>Uses communication and mentoring techniques</b>	<b>new</b>
4.01	<b>Uses communication techniques</b>	<b>new</b>
4.02	<b>Uses mentoring techniques</b>	<b>new</b>
MWA B	<b>Maintains chassis and suspension</b>	BLOCK B
Task 5	<b>Diagnoses chassis and components</b>	Task 3
5.01	Diagnoses frame	3.01

3.02	Diagnoses steering head.	5.02
3.03	Diagnoses handle bars, foot rests and controls.	5.04
3.04	Diagnoses ancillary and accessory components.	5.05
Task 4	<b>Services chassis and components.</b>	Task 6
4.01	Services frame.	6.01
4.02	Services steering head.	6.02
4.03	Services handle bars, foot rests and controls.	6.04
4.04	Services ancillary and accessory components.	6.05
Task 5	<b>Diagnoses suspension.</b>	Task 7
5.01	Diagnoses front suspension components.	7.01
5.02	Diagnoses rear suspension components.	7.03
5.03	Diagnoses swing arm.	7.04
Task 6	<b>Services suspension system</b>	Task 8
6.01	Services front suspension components.	8.01
6.02	Services rear suspension components.	8.03
6.03	Services swing arm.	8.04
BLOCK C	<b>WHEELS AND TIRES</b>	MWA C
Task 7	<b>Diagnoses wheels and tires.</b>	Task 9
7.01	Diagnoses tires.	9.01
7.02	Diagnoses spoked wheels.	9.02
7.03	Diagnoses one piece wheels.	9.03
7.04	Diagnoses multi-piece wheels	9.04

5.02	Diagnoses steering head	3.02
5.03	<b>Diagnoses steering systems for 3-wheel motorcycles</b>	<b>new</b>
5.04	Diagnoses handle bars, foot rests and controls	3.03
5.05	Diagnoses <b>chassis</b> ancillary and accessory components	3.04
Task 6	<b>Services chassis and components</b>	Task 4
6.01	Services frame	4.01
6.02	Services steering head	4.02
6.03	<b>Services steering systems for 3-wheel motorcycles</b>	<b>new</b>
6.04	Services handle bars, foot rests and controls	4.03
6.05	Services <b>chassis</b> ancillary and accessory components	4.04
Task 7	<b>Diagnoses suspension systems</b>	Task 5
7.01	Diagnoses front suspension components	5.01
7.02	<b>Diagnoses front suspension components for 3-wheel motorcycles</b>	<b>new</b>
7.03	Diagnoses rear suspension components	5.02
7.04	Diagnoses swing arm	5.03
Task 8	<b>Services suspension systems</b>	Task 6
8.01	Services front suspension components	6.01
8.02	<b>Services front suspension components for 3-wheel motorcycles</b>	<b>new</b>
8.03	Services rear suspension components	6.02
8.04	Services swing arm	6.03
MWA C	<b>Maintains wheels and tires</b>	BLOCK C
Task 9	<b>Diagnoses wheels and tires</b>	Task 7
9.01	Diagnoses tires	7.01
9.02	Diagnoses spoked wheels	7.02
9.03	Diagnoses one-piece wheels	7.03
9.04	Diagnoses multi-piece wheels	7.04

Task 8	<b>Services wheels and tires.</b>	Task 10
8.01	Services tires.	10.01
8.02	Services spoked wheels.	10.02
8.03	Services one piece wheels.	10.03
8.04	Services multi-piece wheels	10.04
BLOCK D	<b>BRAKES</b>	MWA D
Task 9	<b>Diagnoses braking systems.</b>	Task 11
9.01	Diagnoses hydraulic braking systems.	11.01
9.02	Diagnoses mechanical braking systems	11.02
9.03	Diagnoses braking control systems.	11.03
Task 10	<b>Services braking systems.</b>	Task 12
10.01	Services hydraulic braking systems.	12.02
10.02	Services mechanical braking systems.	12.03
10.03	Services braking control systems.	12.04
BLOCK E	<b>ENGINES</b>	MWA E
Task 11	<b>Diagnoses two-stroke and four-stroke engines.</b>	Task 13
11.01	Diagnoses cylinder heads .	13.01
11.02	Diagnoses valve system on two-stroke engine.	13.02
11.03	Diagnoses valve train on four-stroke engine.	13.03
11.04	Diagnoses cylinders and pistons.	13.04
11.05	Diagnoses crankshaft assembly.	13.05
11.06	Diagnoses counter-balance assemblies.	13.06
11.07	Diagnoses engine cases.	13.07
11.08	Diagnoses lubrication system.	13.08
11.09	Diagnoses cooling system.	13.09
Task 12	<b>Services two-stroke and four-stroke engines.</b>	Task 14
12.01	Services cylinder heads on four-stroke engine.	14.01
12.02	Services valve system on two-stroke engine.	14.02

Task 10	<b>Services wheels and tires</b>	Task 8
10.01	Services tires	8.01
10.02	Services spoked wheels	8.02
10.03	Services one-piece wheels	8.03
10.04	Services multi-piece wheels	8.04
MWA D	<b>Maintains brakes</b>	BLOCK D
Task 11	Diagnoses braking systems	Task 9
11.01	Diagnoses hydraulic braking systems	9.01
11.02	Diagnoses mechanical braking systems	9.02
11.03	Diagnoses braking control systems	9.03
Task 12	<b>Services braking systems</b>	Task 10
12.01	Services hydraulic braking systems	10.01
12.02	Services mechanical braking systems	10.02
12.03	Services braking control systems	10.03
MWA E	<b>Maintains engines</b>	BLOCK E
Task 13	Diagnoses two-stroke and four-stroke engines	Task 11
13.01	Diagnoses cylinder heads	11.01
13.02	Diagnoses valve <b>systems</b> on two-stroke engine	11.02
13.03	Diagnoses valve train on four-stroke engine	11.03
13.04	Diagnoses cylinders and pistons	11.04
13.05	Diagnoses crankshaft assembly	11.05
13.06	Diagnoses counter-balance assemblies	11.06
13.07	Diagnoses engine cases	11.07
13.08	Diagnoses lubrication system	11.08
13.09	Diagnoses cooling system	11.09
Task 14	<b>Services two-stroke and four-stroke engines</b>	Task 12
14.01	Services cylinder heads on four-stroke engine	12.01
14.02	Services valve <b>systems</b> on two-stroke engine	12.02

12.03	Services valve train on four-stroke engine.	14.03
12.04	Services cylinders and pistons.	14.04
12.05	Services crankshaft assembly.	14.05
12.06	Services counterbalance assemblies.	14.06
12.07	Services engine cases.	14.07
12.08	Services lubrication system.	14.08
12.09	Services cooling system.	14.09
BLOCK F	<b>POWER TRANSFER</b>	MWA F
Task 13	<b>Diagnoses clutches and primary drive.</b>	Task 15
13.01	Diagnoses primary drive gears.	15.01
13.02	Diagnoses primary drive chains and sprockets.	15.02
13.03	Diagnoses primary drive belts and pulleys.	15.03
13.04	Diagnoses manual clutches.	15.04
13.05	Diagnoses automatic clutches.	15.05
13.06	Diagnoses kick start.	15.06
Task 14	<b>Services clutches and primary drives.</b>	Task 16
14.01	Services primary drive gears.	16.01
14.02	Services primary drive chains and sprockets.	16.02
14.03	Services primary drive belts and pulleys.	16.03
14.04	Services manual clutches.	16.04
14.05	Services automatic clutches.	16.05
14.06	Services kick start.	16.06
Task 15	<b>Diagnoses transmissions.</b>	Task 17
15.01	Diagnoses constant mesh transmissions.	17.01
15.02	Diagnoses variable ratio belt transmissions.	17.02
15.03	Diagnoses automatic transmissions.	17.03
Task 16	<b>Services transmissions.</b>	Task 18
16.01	Services constant mesh transmissions.	18.01
16.02	Services variable ratio belt transmissions.	18.02
16.03	Services automatic transmissions.	18.02

14.03	Services valve train on four-stroke engine	12.03
14.04	Services cylinders and pistons	12.04
14.05	Services crankshaft assembly	12.05
14.06	Services counterbalance assemblies	12.06
14.07	Services engine cases	12.07
14.08	Services lubrication system	12.08
14.09	Services cooling system	12.09
MWA F	<b>Maintains power transfer</b>	BLOCK F
Task 15	<b>Diagnoses clutches and primary drive</b>	Task 13
15.01	Diagnoses primary drive and driven gears	13.01
15.02	Diagnoses primary drive chain and sprockets	13.02
15.03	Diagnoses primary drive belt and pulleys	13.03
15.04	Diagnoses manual clutches	13.04
15.05	Diagnoses automatic clutches	13.05
15.06	Diagnoses kick start	13.06
Task 16	<b>Services clutches and primary drive</b>	Task 14
16.01	Services primary drive and driven gears	14.01
16.02	Services primary drive chain and sprockets	14.02
16.03	Services primary drive belt and pulleys	14.03
16.04	Services manual clutches	14.04
16.05	Services automatic clutches	14.05
16.06	Services kick start	14.06
Task 17	<b>Diagnoses transmissions</b>	Task 15
17.01	Diagnoses constant mesh transmissions	15.01
17.02	Diagnoses continuously variable transmission (CVT)	15.02
Task 18	<b>Services transmissions</b>	Task 16
18.01	Services constant mesh transmissions	16.01
18.02	Services continuously variable transmission (CVT)	16.02

Task 17	<b>Diagnoses final drive.</b>	Task 19
17.01	Diagnoses final drive chains and sprockets.	19.01
17.02	Diagnoses final drive shaft and gears.	19.02
17.03	Diagnoses final drive belts and pulleys.	19.03
Task 18	<b>Services final drive.</b>	Task 20
18.01	Services final drive chains and sprockets.	20.01
18.02	Services final drive shaft and gears.	20.02
18.03	Services belts and pulleys.	20.03
BLOCK G	<b>ELECTRICAL SYSTEMS</b>	MWA G
Task 19	<b>Diagnoses electrical systems.</b>	Task 21
19.01	Diagnoses battery and charging system.	21.01
19.02	Diagnoses ancillary and accessory components.	21.02
19.03	Diagnoses wiring harness.	21.03
19.04	Diagnoses ignition system.	21.04
19.05	Diagnoses starting system.	21.05
Task 20	<b>Services electrical systems.</b>	Task 22
20.01	Services battery and charging system.	22.01
20.02	Services ancillary and accessory components.	22.02
20.03	Services wiring harness.	22.03
20.04	Services ignition system.	22.04
20.05	Services starting system.	22.05
BLOCK H	<b>VEHICLE MANAGEMENT SYSTEMS</b>	MWA H
Task 21	<b>Diagnoses vehicle management systems.</b>	Task 23
21.01	Reads fault codes.	23.01
21.02	Interprets test results.	23.02
Task 22	<b>Services vehicle management systems.</b>	Task 24
22.01	Tests system circuitry and components	24.01
22.02	Services system circuitry and components	24.02

Task 19	<b>Diagnoses final drive</b>	Task 17
19.01	Diagnoses final drive <b>chain</b> and sprockets	17.01
19.02	Diagnoses final drive shaft and gears	17.02
19.03	Diagnoses final drive <b>belt</b> and pulleys	17.03
Task 20	<b>Services final drive</b>	Task 18
20.01	Services final drive <b>chain</b> and sprockets	18.01
20.02	Services final drive shaft and gears	18.02
20.03	Services final drive <b>belt</b> and pulleys	18.03
MWA G	<b>Maintains electrical systems</b>	BLOCK G
Task 21	<b>Diagnoses electrical systems</b>	Task 19
21.01	Diagnoses battery and charging system	19.01
21.02	Diagnoses <b>electrical</b> ancillary and accessory components	19.02
21.03	Diagnoses wiring harness <b>systems</b>	19.03
21.04	Diagnoses ignition system	19.04
21.05	Diagnoses <b>electric</b> starting system	19.05
Task 22	<b>Services electrical systems</b>	Task 20
22.01	Services battery and charging system	20.01
22.02	Services <b>electrical</b> ancillary and accessory components	20.02
22.03	Services wiring harness <b>systems</b>	20.03
22.04	Services ignition system	20.04
22.05	Services <b>electric</b> starting system	20.05
MWA H	<b>Maintains vehicle management systems</b>	BLOCK H
Task 23	<b>Diagnoses vehicle management systems</b>	Task 21
23.01	Reads fault codes	21.01
23.02	<b>Interprets fault code results</b>	21.02
23.03	<b>Tests system circuitry and components</b>	24.01
Task 24	<b>Services vehicle management systems</b>	Task 22
24.01	<b>Updates software</b>	<b>new</b>
24.02	Services system circuitry and components	22.02

BLOCK I	<b>FUEL AND EXHAUST SYSTEMS</b>	MWA I
Task 23	<b>Diagnoses fuel and exhaust systems.</b>	Task 25
23.01	Diagnoses fuel tanks and components.	25.01
23.02	Diagnoses air delivery system.	25.02
23.03	Diagnoses carburetor systems.	25.03
23.04	Diagnoses fuel injection systems.	25.04
23.05	Diagnoses exhaust system.	25.05
Task 24	<b>Services fuel and exhaust systems.</b>	Task 26
24.01	Services fuel tanks and components.	26.01
24.02	Services air delivery system.	26.02
24.03	Services carburetor systems.	26.03
24.04	Services fuel injection systems.	26.04
24.05	Services exhaust system.	26.05

MWA I	<b>Maintains fuel and exhaust systems</b>	BLOCK I
Task 25	<b>Diagnoses fuel and exhaust systems</b>	Task 23
25.01	Diagnoses fuel tanks and components	23.01
25.02	Diagnoses air delivery system	23.02
25.03	Diagnoses carburetor <b>system</b>	23.03
25.04	Diagnoses fuel injection <b>system</b>	23.04
25.05	Diagnoses exhaust system	23.05
Task 26	<b>Services fuel and exhaust systems</b>	Task 24
26.01	Services fuel tanks and components	24.01
26.02	Services air delivery system	24.02
26.03	Services carburetor <b>system</b>	24.03
26.04	Services fuel injection <b>system</b>	24.04
26.05	Services exhaust system	24.05