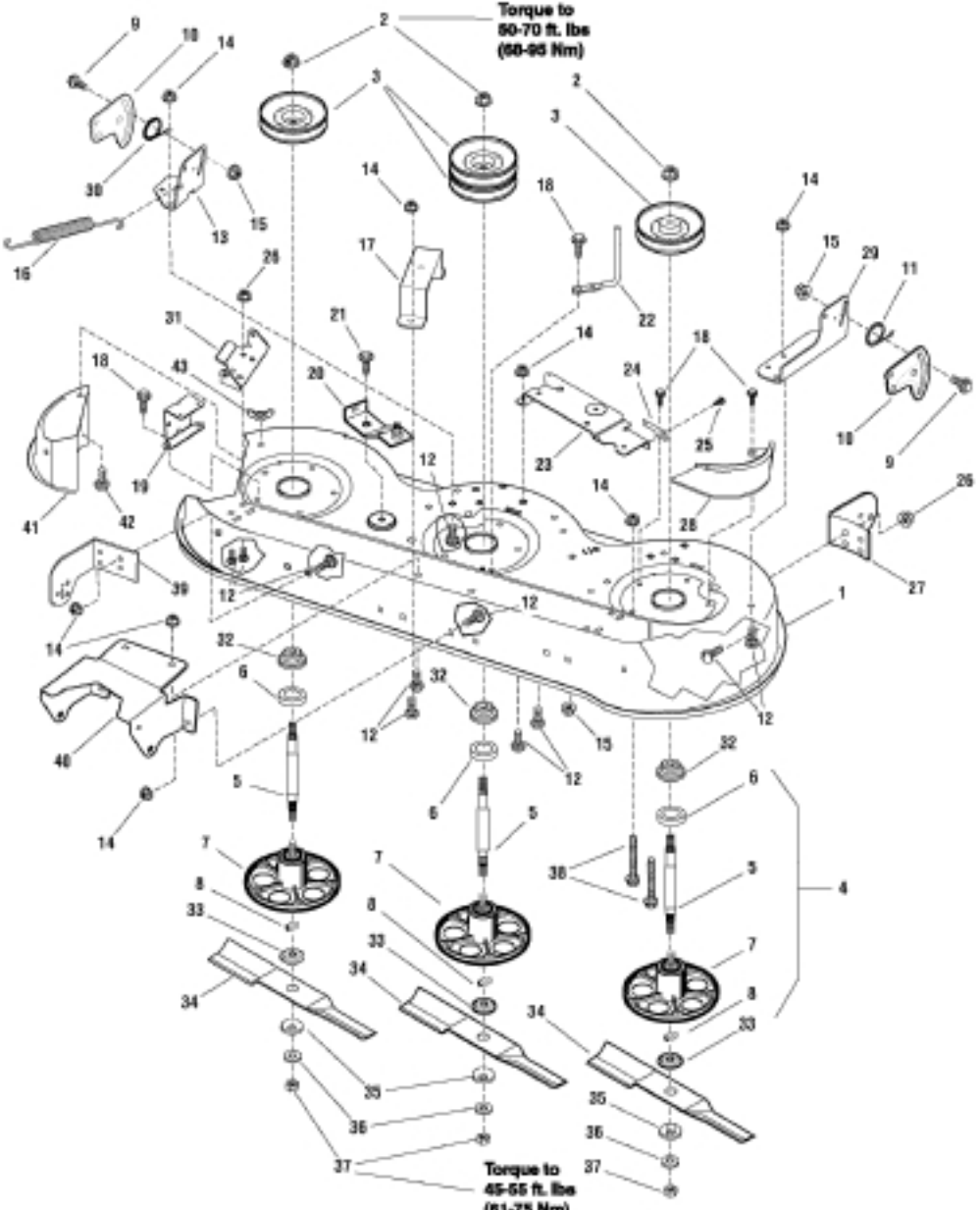
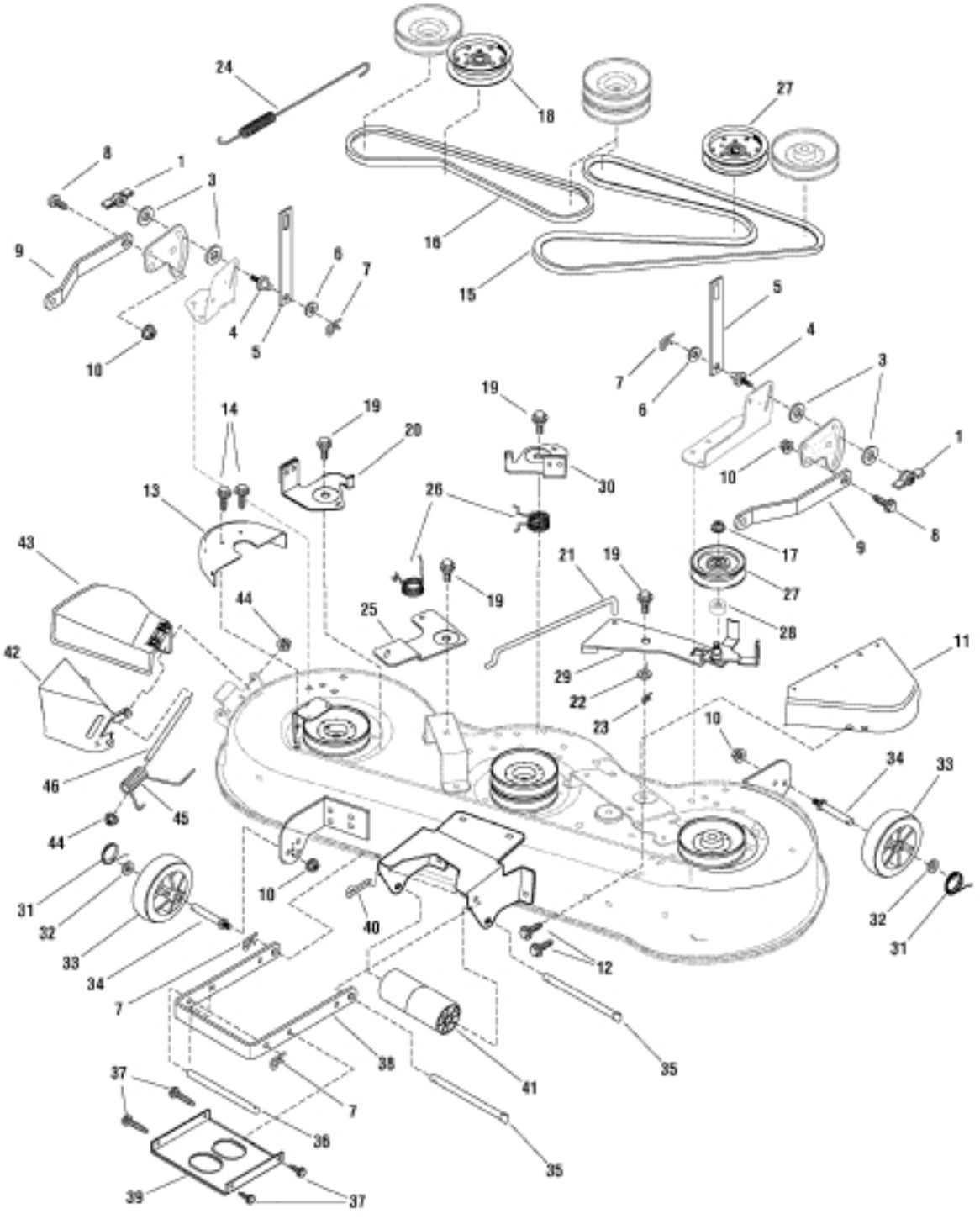
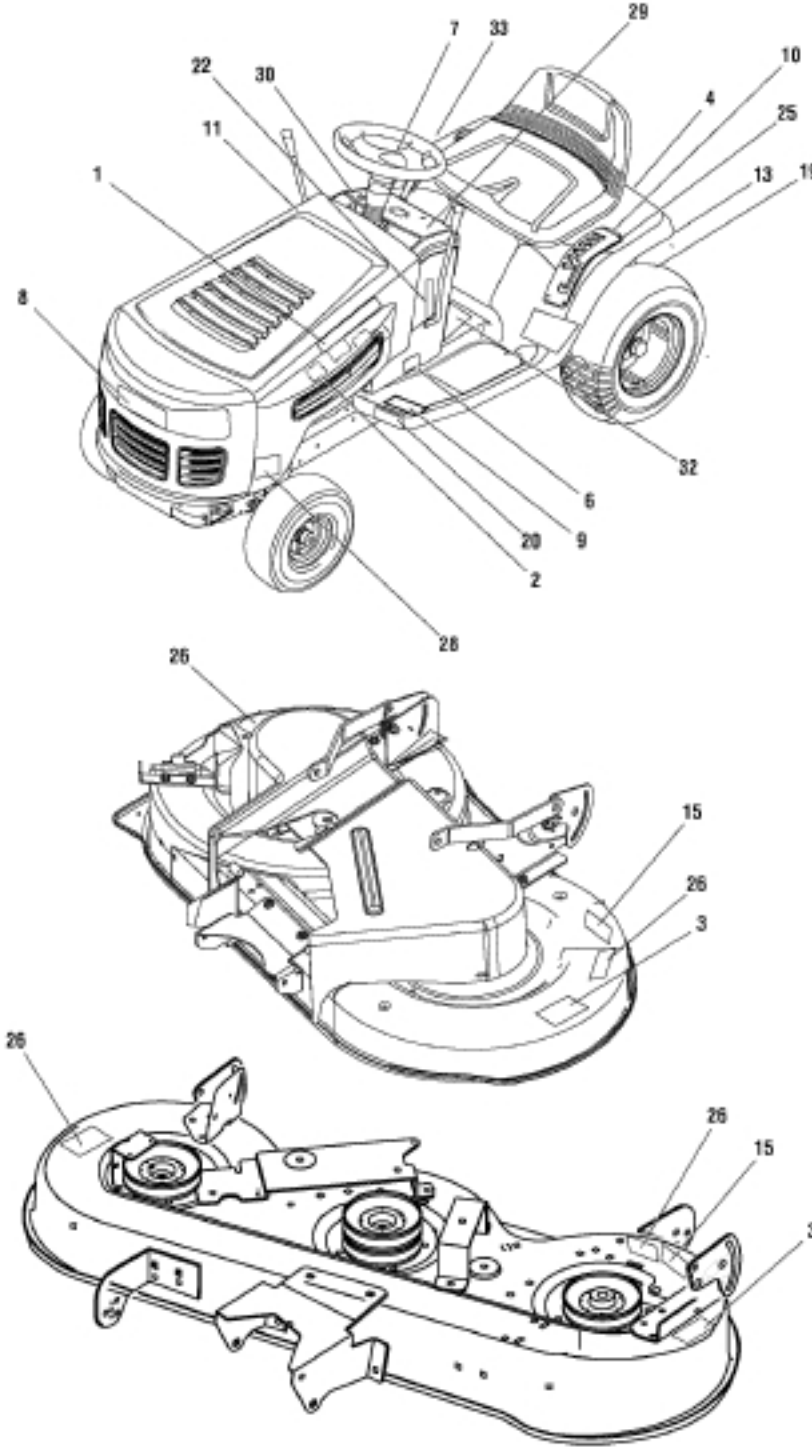
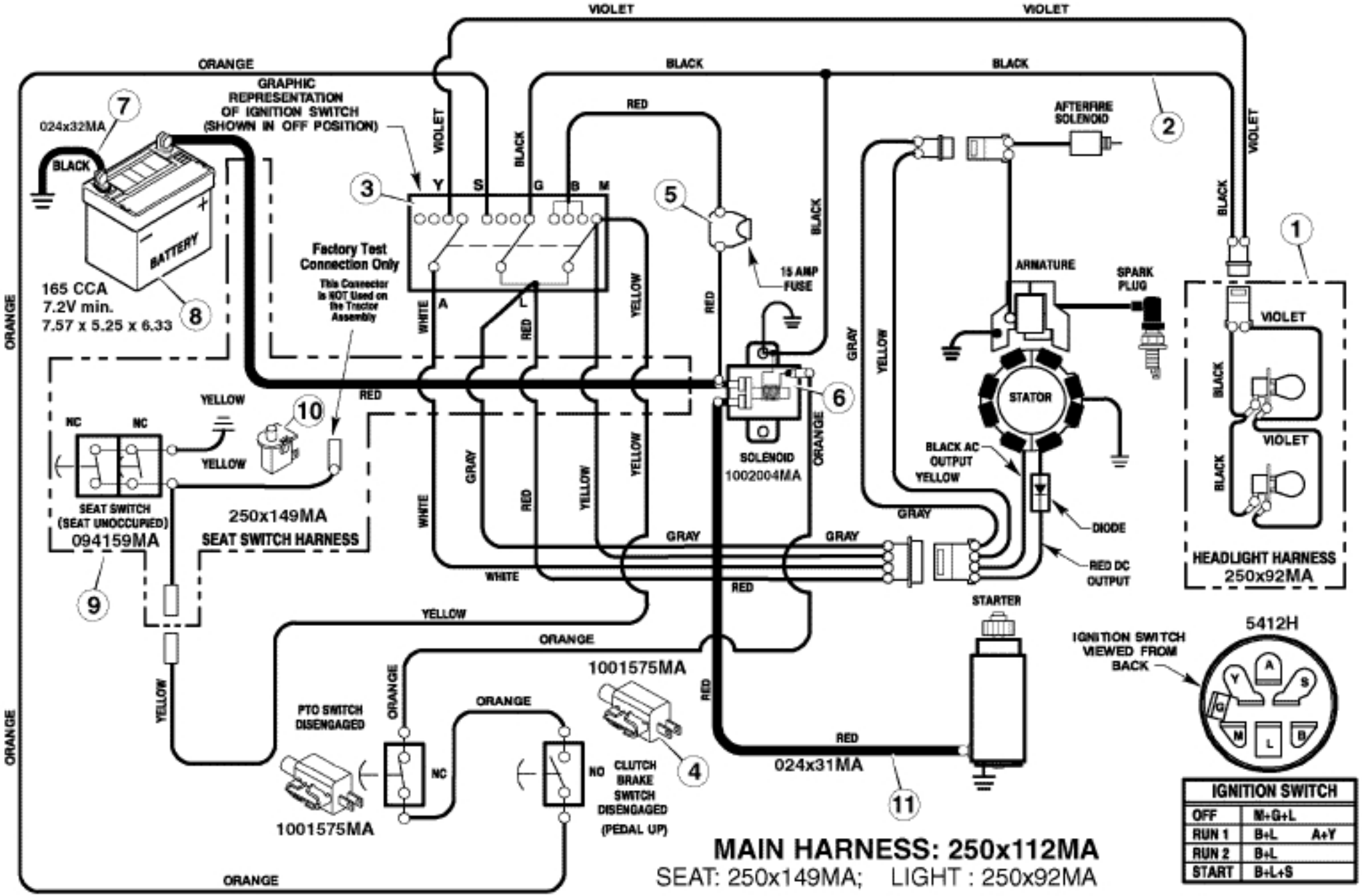
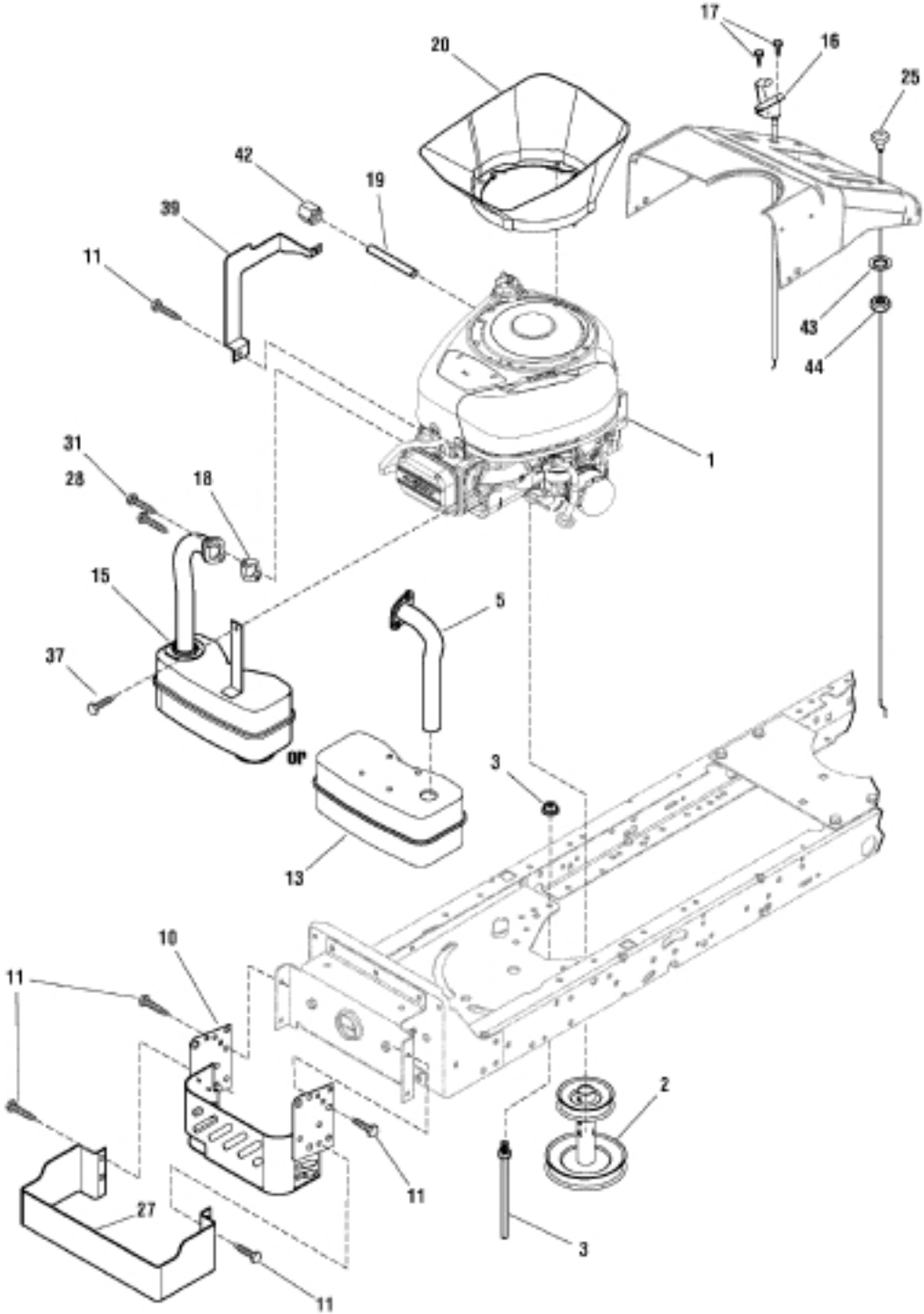
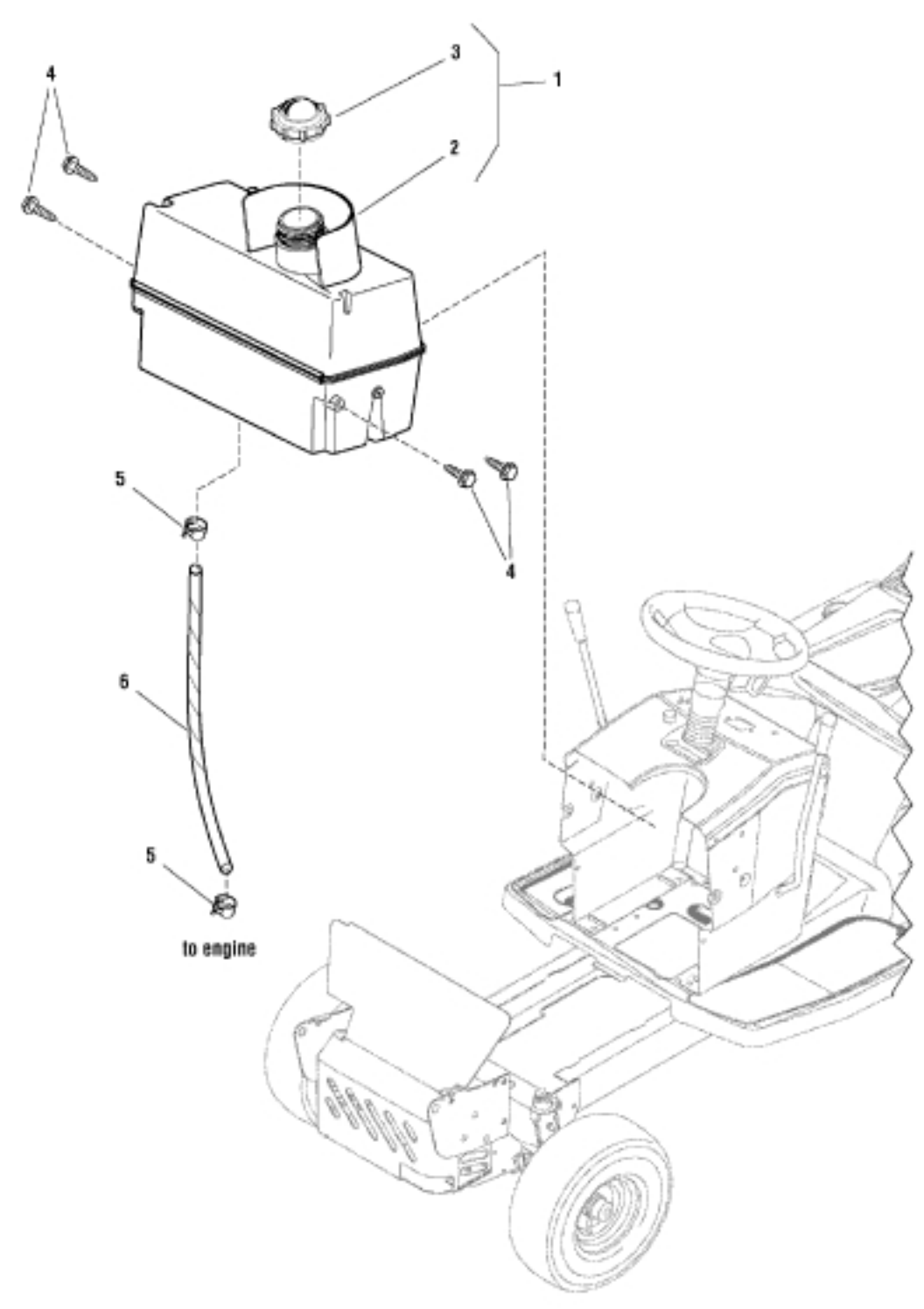

Torque to
50-70 ft. lbs
(68-95 Nm)
Torque to
45-55 ft. lbs
(61-75 Nm)

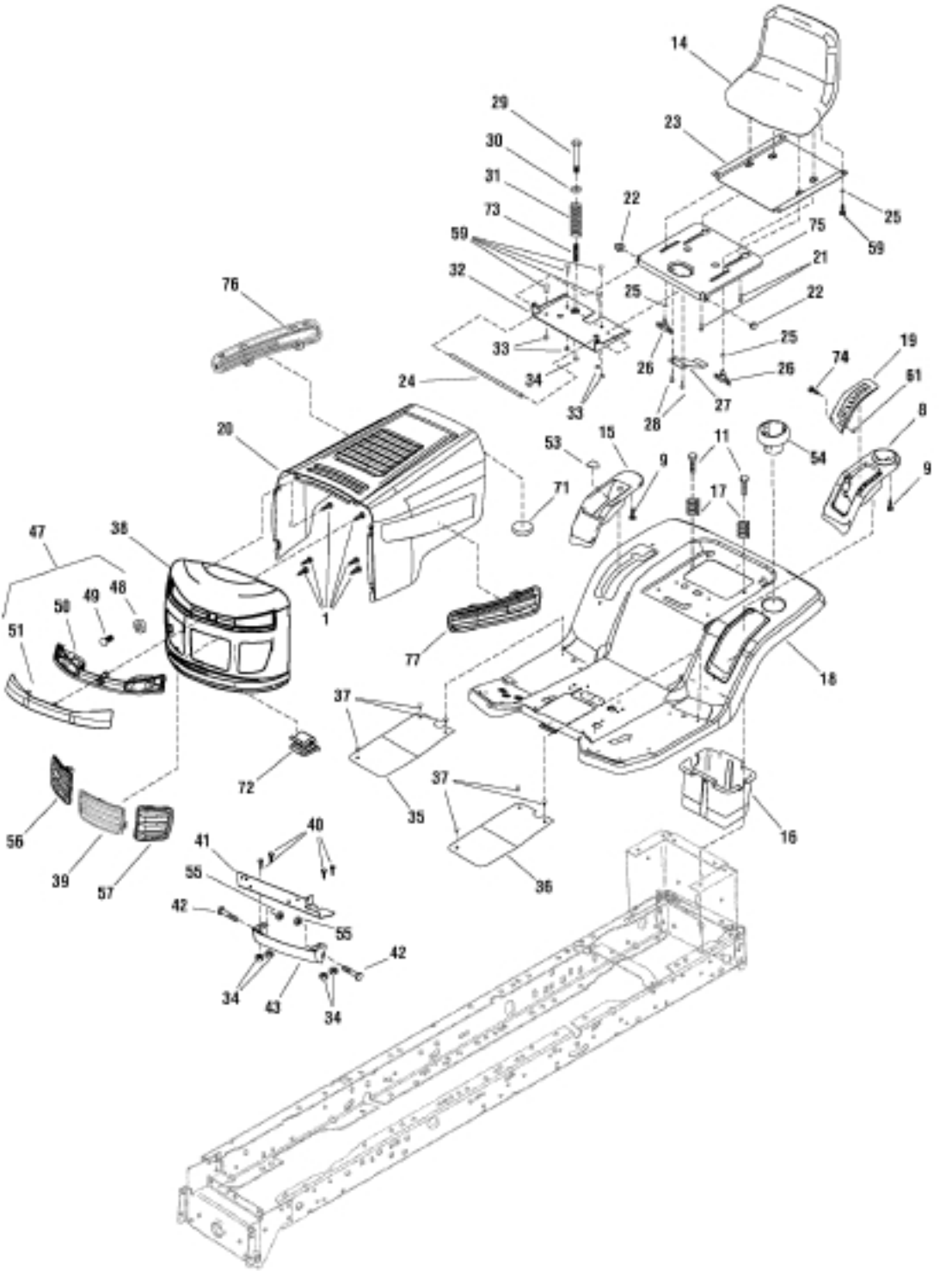

24
18
27
8
1
3
16
9
6
7
15
4
5
10
5
7
4
6
3
19
19
14
20
30
10
1
13
26
6
9
17
43
21
19
27
44
25
19
28
11
42
29
22
23
10
34
33
46
45
44
31
32
33
34
10
40
12
7
35
38
41
37
7
36
35
39
37

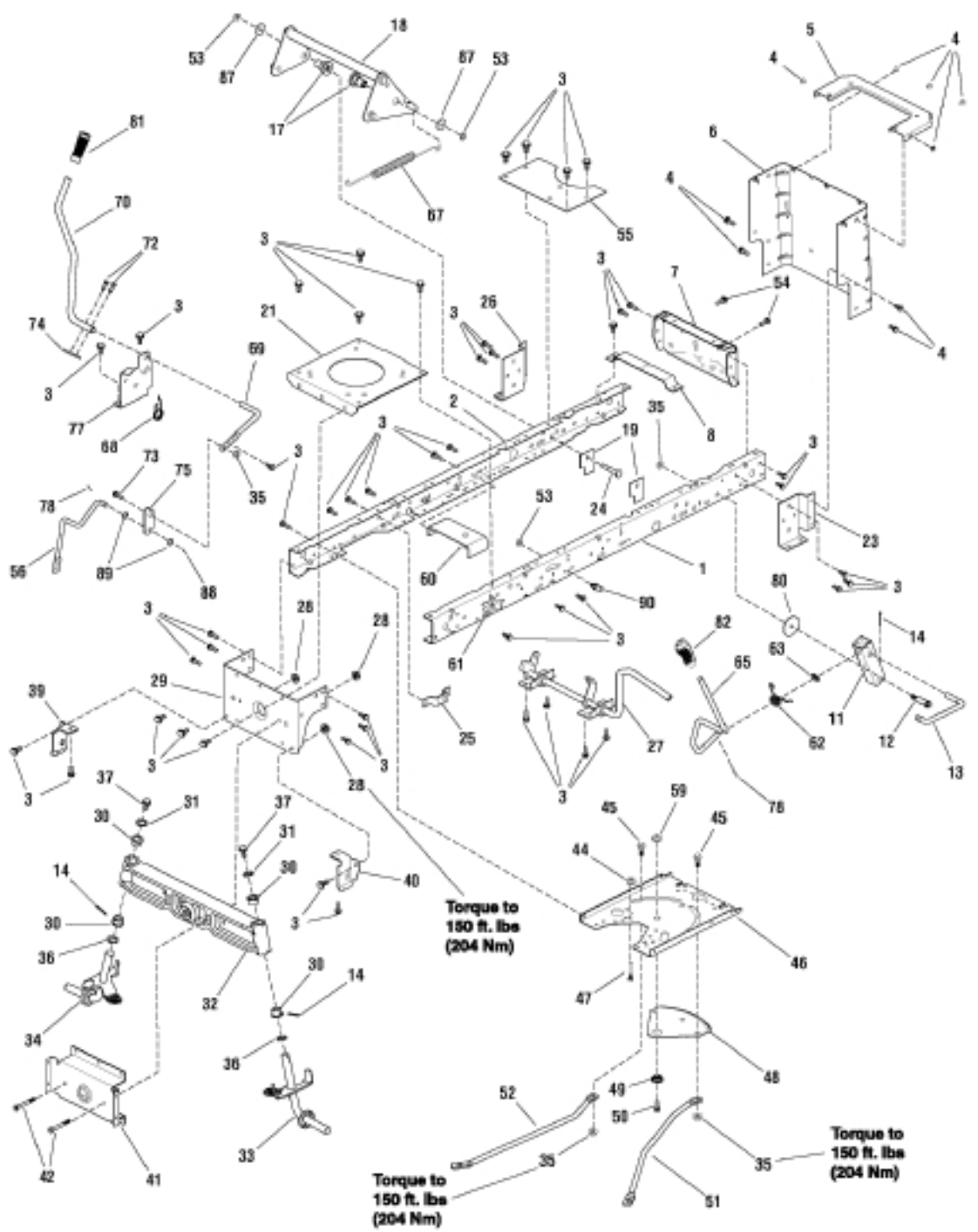

29
7
33
10
22
30
4
25
11
13
19
1
8
32
6
20
9
2
28
26
15
26
3
26
26
15
3

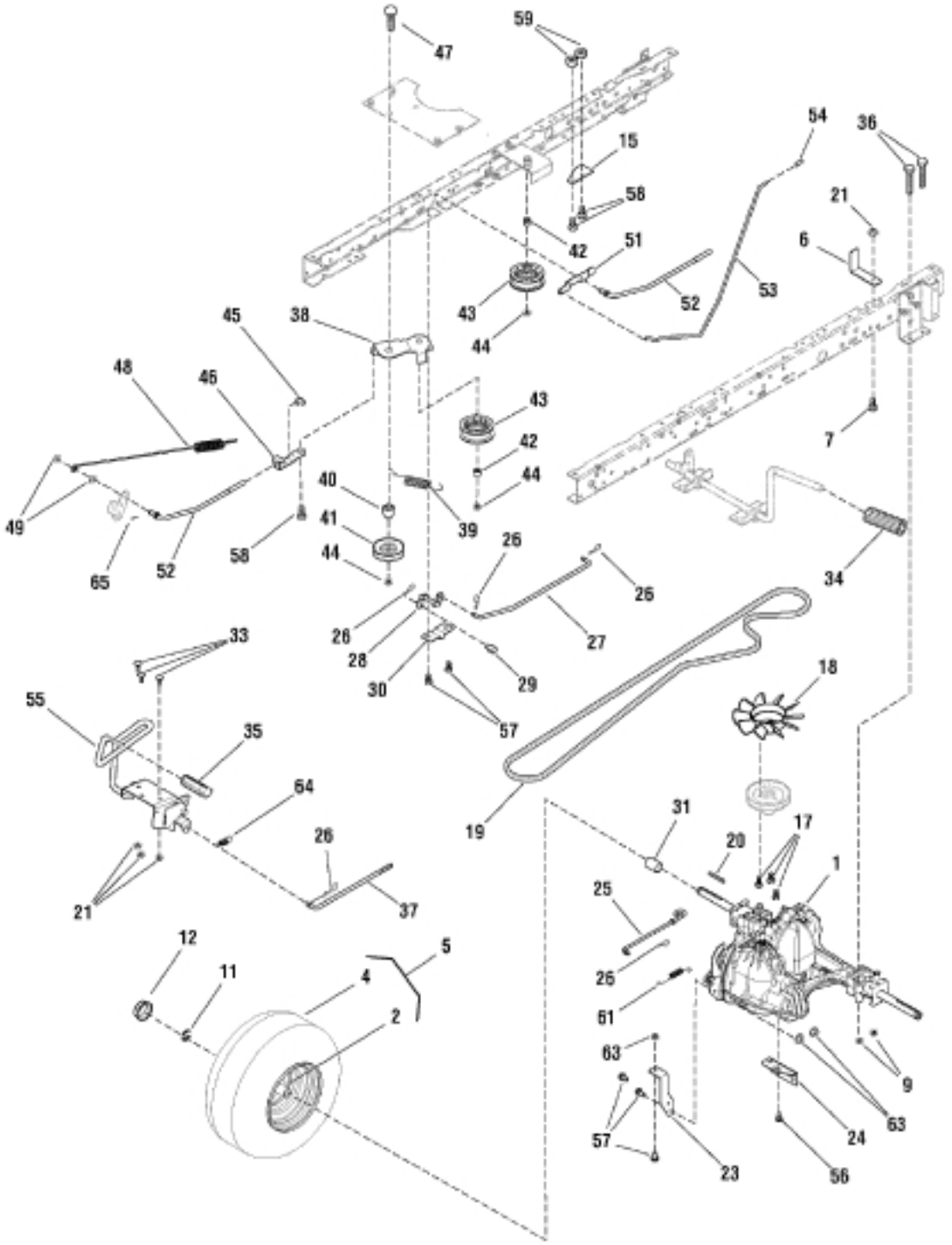

VIOLET
VIOLET
ORANGE
BLACK
BLACK
GRAPHIC REPRESENTATION OF IGNITION SWITCH (SHOWN IN OFF POSITION)
024x32MA
7
BLACK
BATTERY
165 CCA
7.2V min.
7.57 x 5.25 x 6.33
8
3
Y S G B M
A L
WHITE
RED
YELLOW
VIOLET
BLACK
RED
Factory Test Connection Only
This Connector is NOT Used on the Tractor Assembly
5
15 AMP FUSE
BLACK
AFTERMRE SOLENOID
2
VIOLET
1
ARMATURE
SPARK PLUG
STATOR
VIOLET
BLACK
VIOLET
BLACK
HEADLIGHT HARNESS
250x92MA
GRAY
YELLOW
BLACK AC OUTPUT
YELLOW
DIODE
RED DC OUTPUT
GRAY
GRAY
6
SOLENOID
1002004MA
ORANGE
YELLOW
NC
NC
YELLOW
10
SEAT SWITCH (SEAT UNOCCUPIED)
094159MA
250x149MA
SEAT SWITCH HARNESS
WHITE
GRAY
RED
YELLOW
YELLOW
GRAY
GRAY
WHITE
RED
9
YELLOW
ORANGE
STARTER
1001575MA
IGNITION SWITCH VIEWED FROM BACK
5412H
A
Y
S
G
M
L
B
PTO SWITCH DISENGAGED
ORANGE
ORANGE
NC
NO
CLUTCH BRAKE SWITCH DISENGAGED (PEDAL UP)
1001575MA
4
RED
024x31MA
11
ORANGE
ORANGE
ORANGE
MAIN HARNESS: 250x112MA
SEAT: 250x149MA; LIGHT : 250x92MA
IGNITION SWITCH
OFF M+G+L
RUN 1 B+L A+Y
RUN 2 B+L
START B+L+S

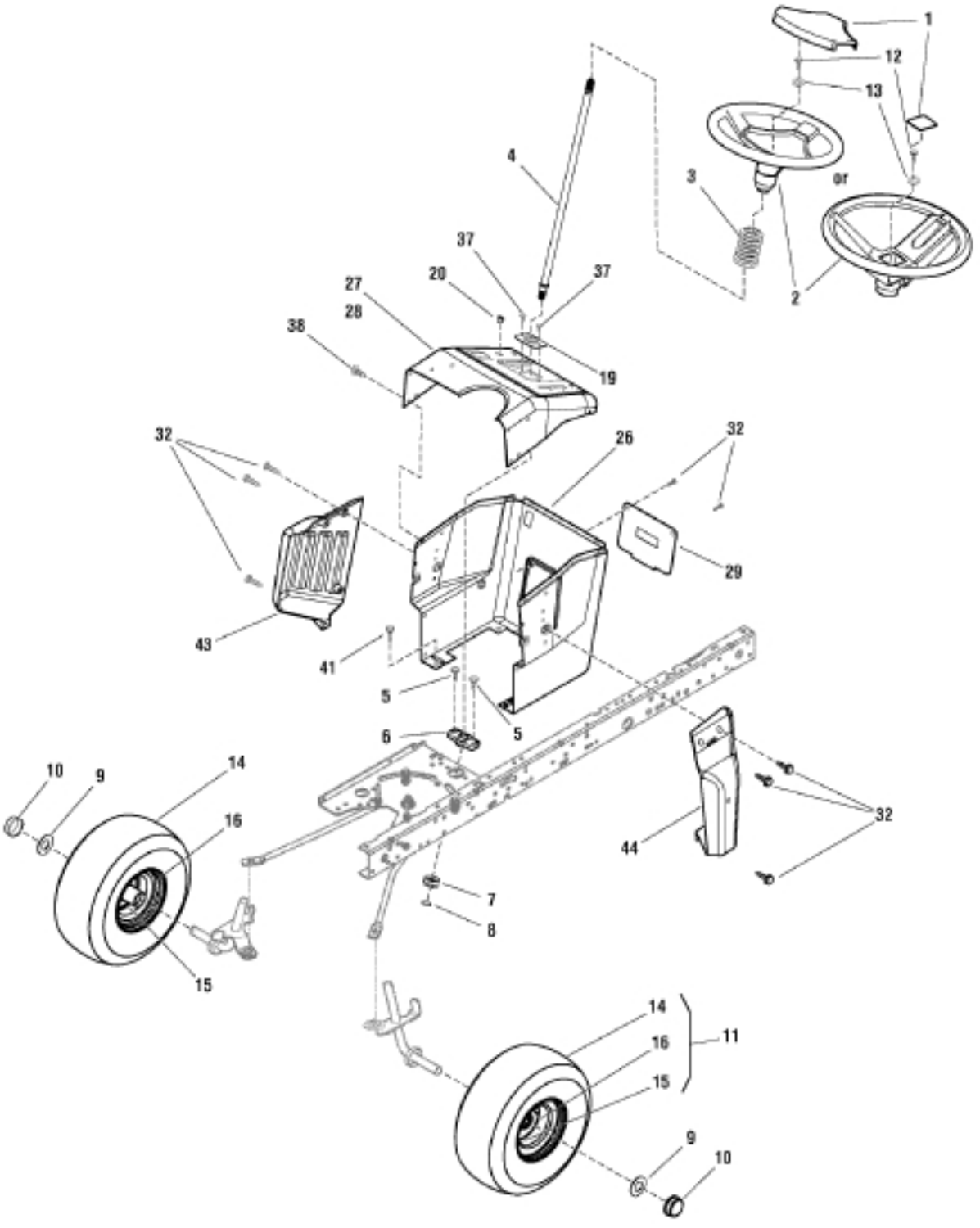

17
16
20
25
42
19
39
11
43
44
1
31
28
18
15
5
37
OR
3
13
10
11
2
3
27
11
11

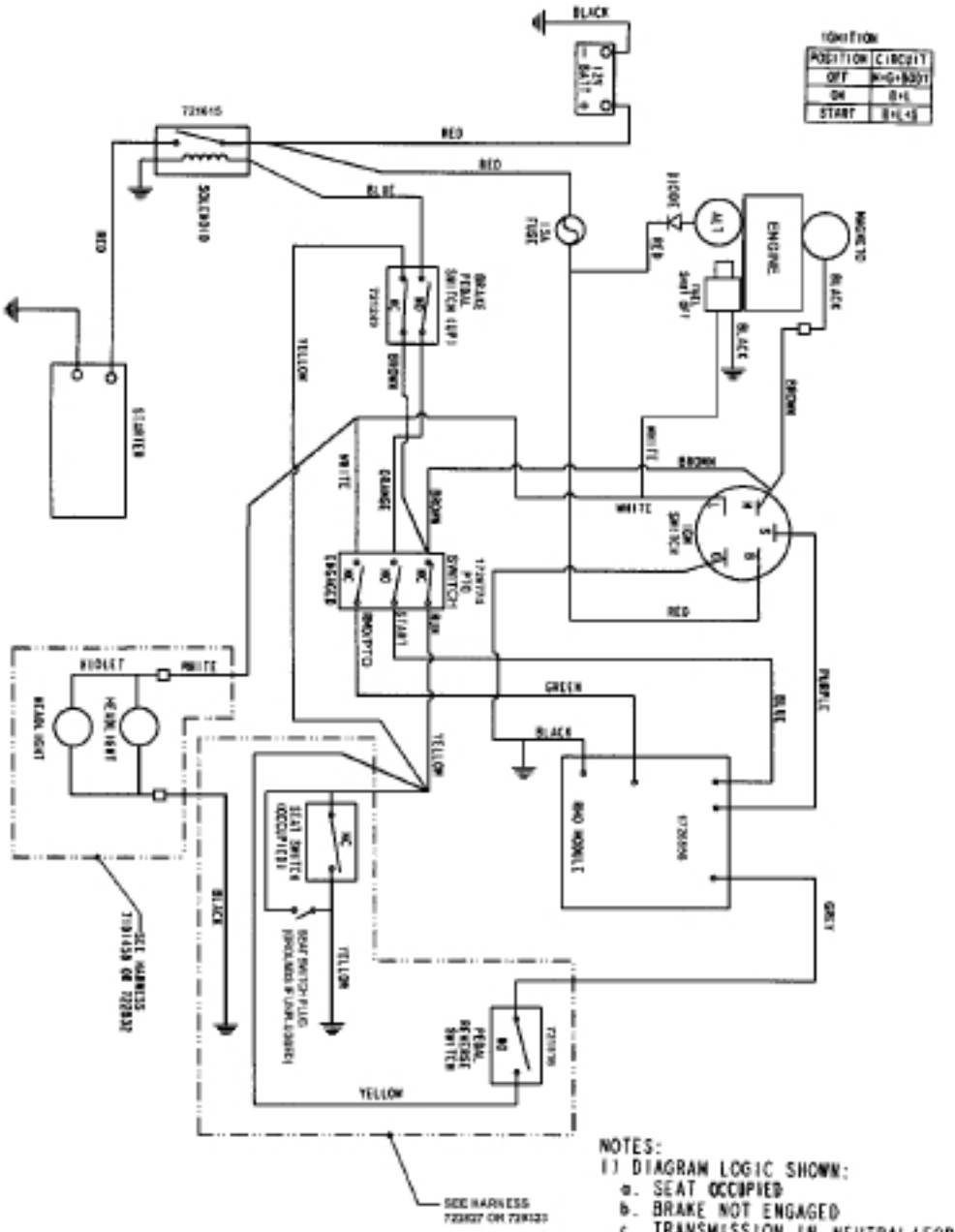

4
3
1
2
4
5
4
6
5
to engine


14
29
30
31
73
59
32
76
23
22
75
21
25
59
25
22
33
34
24
33
26
25
26
27
28
74
19
61
8
9
53
15
9
71
11
17
54
9
20
47
38
1
77
18
51
50
49
48
37
35
72
37
36
16
56
39
57
40
41
55
42
55
42
34
43
34


Torque to 150 ft. lbs (204 Nm)
Torque to 150 ft. lbs (204 Nm)
Torque to 150 ft. lbs (204 Nm)


47
59
15
58
42
51
52
53
54
36
21
6
43
44
38
45
48
46
49
65
52
58
40
41
44
39
43
42
44
7
34
26
26
26
28
30
27
29
57
33
55
35
64
26
37
21
19
18
31
20
17
1
25
26
61
63
9
63
24
56
57
23
12
11
4
5
2


1
12
13
4
3
or
2
37
20
37
27
28
38
19
32
26
32
29
43
41
5
5
6
10
9
14
16
15
7
8
44
32
14
16
15
11
9
10



Wiring Schematic for 15.5, 18.5 & 20 HP Briggs Engines