

MODELING IN CLAY - MUSCLE APPLICATION LIST

Remove Arm and Spacer. Place spacer in the bag in the draw and screws into torso. Do not cover screw holes with clay.

Pg # refers to illustrations in Bowden & Bowden Manual 4th Edition (2015)

THORAX

| | <u>Pg #</u> |
|--------------------------|-------------|
| 1 -Internal intercostals | 141 |
| 2 -External intercostals | 140 |
| 3 -Serratus anterior | 164 |

LEG and AXIAL

| | <u>Pg #</u> |
|---|------------------|
| Iliopsoas (1-Iliacus and 2-Psoas major) | 215 (1), 214 (2) |
| 3 –Diaphragm | 146 |
| 4 -Gluteus minimus | 224 |
| 5 -Gluteus medius | 223 |
| 6 –Peroneus (Fibularis) brevis | 251 |
| 7 -Peroneus (Fibularis) longus | 250 |
| 8 -Flexor digitorum longus | 244 |
| 9 -Extensor digitorum longus | 248 |
| 10 -Soleus | 241 |
| 11 –Gastrocnemius | 240 |
| 12 -Tibialis anterior | 247 |
| 13 –Pectineus | 235 |
| 14 –Adductor longus | 237 |
| 15 -Adductor magnus | 238 |
| 16 -Vastus intermedius | 230 |
| 17 -Vastus medialis | 228 |
| 18 -Vastus lateralis | 229 |

ARM/SHOULDER GIRDLE

| | <u>Pg #</u> |
|----------------------------------|-------------|
| 1 –Subscapularis | 172 |
| 2 -Triceps brachii (med,lg,lat) | 181 |
| 3 –Brachialis | 179 |
| 4 -Biceps brachii | 178 |
| 5-Teres minor | 176 |
| 6 –Infraspinatus | 174 |
| 7 –Supraspinatus | 173 |
| 8 -Teres major | 175 |
| 9 –Supinator | 185 |
| 10-Pronator teres | 184 |
| 11-Flexor carpi radialis | 186 |
| 12-Flexor carpi ulnaris | 188 |
| 13-Palmaris longus | 187 |
| 14-Extensor carpi radialis (b,l) | 194,193 |
| 15-Brachioradialis | 180 |
| 16-Extensor digitorum | 195 |
| 17-Extensor carpi ulnaris | 196 |

| <u>LEG and AXIAL-continued</u> | <u>Pg #</u> |
|---------------------------------------|-------------|
| 19 -Rectus femoris | 227 |
| 20 -Gracilis | 234 |
| 21 -Sartorius | 226 |
| 22 -Semimembranosus | 233 |
| 23 -Semitendinosus | 232 |
| 24 -Biceps femoris (short head first) | 231 |
| 25 -Tensor fasciae latae & IT band | 225 |
| 26 -Gluteus maximus | 222 |

REATTACH ARM TO TORSO

| <u>NECK</u> | <u>Pg #</u> |
|---|-------------|
| 1 -Semispinalis (capitis) | 132, 133 |
| 2 -Levator scapulae | 166 |
| 3-Splenius cervicis | 125 |
| 4 -Splenius capitis | 124 |
| 5 -Mylohyoid | 105 |
| 6 -Thyrohyoid | 109 |
| 7 -Sternohyoid | 107 |
| 8 -Scaleni (posterior first, then medius, & finally anterior) | 120,119,118 |
| 9 -Sternocleidomastoid | 111 |

BACK/THORAX/ABDOMINAL WALL

| | |
|--------------------------|-----|
| 1-Rhomboideus minor | 168 |
| 2 -Rhomboideus major | 167 |
| 3 -Transversus abdominis | 150 |
| 4 -Rectus abdominis | 147 |
| 5 -Internal oblique | 149 |
| 6 -External oblique | 148 |

| <u>BACK/THORAX/ABDOMINAL WALL-continued</u> | <u>Pg #</u> |
|---|-------------|
| 7 -Latissimus dorsi | 169 |
| 8 -Trapezius | 165 |
| 9 -Pectoralis minor | 161 |
| 10 -Pectoralis major | 160 |
| 11 -Deltoid | 171 |
| <u>FACE</u> | |
| 1 -Temporalis | 90 |
| 2 -Buccinator | 89 |
| 3 -Orbicularis oris | 80 |
| 4 -Mentalis | 88 |
| 5 -Masseter | 91 |
| 6 -Orbicularis oculi | 74 |
| 7 -Zygomaticus major | 83 |

Please note that size of muscles is not reflected since the tendon and muscle are constructed from the same color clay.