



Replace 4th finger with 1st finger on upward shifts.  
Replace 1st finger with 4th finger on downward shifts.

# IV Position Shifting

**G String**

0 1 2 4 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1 4 2 1

**D String**

0 1 2 4 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1 4 2 1

**A String**

0 1 2 4 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1 4 2 1

**E String**

0 1 2 4 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1 4 2 1

**B String**

0 1 2 4 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1 4 2 1

**G String**

0 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1

**D String**

0 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1

**A String**

0 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1

**E String**

0 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1

**B String**

0 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1

IV Position  
Diatonic Shift

Musical notation for the Diatonic Shift exercise in IV position, showing the G, D, A, and E strings. The exercise is written in 12/8 time and consists of three measures. The G String part has fingerings: 1 2 1 4 2 4 4 2 4 1 2 1. The D String part has fingerings: 1 2 1 4 2 4 4 2 4 1 2 1. The A String part has fingerings: 1 2 1 4 2 4 4 2 4 1 2 1. The E String part has fingerings: 1 2 1 4 2 4 4 2 4 1 2 1. The B String part has fingerings: 1 2 1 4 2 4 4 2 4 1 2 1.

E Major Chromatic Scale

Musical notation for the E Major Chromatic Scale exercise, showing three staves. The exercise is written in 3/8 time and consists of three measures. The first staff has fingerings: 0 1 2 2 4 0 1 2 2 4 0 1 2 2 4. The second staff has fingerings: 0 1 2 4 1 2 4 1 2 4 2 1 4 2 1 4 2 1. The third staff has fingerings: 0 4 4 2 1 0 4 4 2 1 0 4 4 2 1 0.







# IV Position

Use bowings on page 1.

## Gb Major

# Exercise

Play slowly at first.  
Play faster as left hand strength develops.



IV Position

Use bowings on page 1.

**Cb Major**

**Exercise**

Play slowly at first.  
Play faster as left hand strength develops.

# IV Position

Use bowings on page 1.

**E Major**

**Tonic**

# Exercise

Play slowly at first.  
Play faster as left hand strength develops.



Play scale and exercise with both sets of fingerings.  
Use bowings on page 1.

### IV Position

#### Cb Major

B ---, E ---, A ---, D ---, A ---, E ---, B ---,

0 1 4 0 1 4 1 1 1 4 1 2 1 4 2 4 4 2 4 1 2 1 4 1 1 1 4 1 0 4 1 0  
0 1 4 1 4 1 4 1 1 4 1 1 4 1 2 4 4 2 1 4 1 1 4 1 1 4 1 4 1 4 1 0  
0 1 4 1 E ---, A ---, D ---, A ---, E ---, B ---

#### Tonic

B ---, E ---, A ---, D A ---, E ---, B ---, Six-Four B E ---, A ---, D A ---, E ---, B

0 4 1 4 2 4 4 4 2 4 1 4 0 0 4 1 4 2 4 2 4 1 4 0 0

#### Dominant Seventh

B E ---, A ---, D G ---, D ---, E ---, B

2 1 4 1 4 2 1 4 4 1 2 4 1 4 1 2 2

## Exercise

Play slowly at first.  
Play faster as left hand strength develops.

Use bowings on page 2.

0 1 4 0 1 4 1 1 1 4 0 1 4 1 1 4 4 0 1 4 1 1 4 1 0 1 4 1 1 4 1 1  
0 1 4 1 4 1 2 4 1 4 1 4 1 4 1 4 4 1 4 1 4 1 4 2 1 4 1 4 1 4 1 1  
1 4 1 1 4 1 1 4 4 1 1 4 1 2 1 4 1 1 4 1 1 4 1 4 1 4 1 4 1 4 1 4 1 4 2 4  
4 1 4 1 4 1 1 4 1 4 1 4 1 4 1 1 4 1 1 4 1 1 4 1 2 1 4 1 2 1 4 1 2 4  
4 2 4 1 2 1 4 1 4 1 4 1 1 4 1 1 4 1 2 1 4 1 1 4 4 1 1 4 1 1 4 1 1  
4 2 1 4 1 1 4 1 2 1 4 1 1 4 1 1 1 4 1 1 4 1 1 4 1 4 1 1 4 1 4 1 4  
1 1 4 1 1 4 1 0 1 4 1 1 4 1 0 4 4 1 1 4 1 0 4 1 1 1 4 1 0 4 1 0  
4 2 4 1 4 1 4 1 2 4 1 4 1 4 1 4 4 1 4 1 4 1 4 1 4 2 1 4 1 4 1 0  
4 4 1 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 0

#### Whole Tone Scale

0 1 4 1 4 0 1 4 1 1 4 1 4 1

4 1 4 1 1 4 1 0 4 1 4 1 0

Play scale and exercise with both sets of fingerings.  
Use bowings on page 1.

### IV Position

**E Major**

0 1 4 0 1 4 1 1 1 4 1 2 1 4 2 4 4 2 4 1 2 1 4 1 1 1 4 1 0 4 1 0  
1 4 1 1 4 1 4 1 1 4 1 1 4 1 2 4 4 2 1 4 1 1 4 1 1 4 1 4 1 1 4 1

B---, E---, A---, D---, G---, D---, A---, E---

**Tonic**

2 1 4 4 2 4 4 4 2 4 4 1 2 2 1 4 4 2 4 2 4 4 1 2 2

G D-- A E-- B B E A-- D G---, D A-- E B

### Dominant Seventh

0 4 1 2 1 4 1 4 1 4 1 2 0 1 4 0

B---, E A E A--, D---, A-- E A E B

### Exercise

Play slowly at first.  
Play faster as left hand strength develops.

0 1 4 0 1 4 1 1 1 4 0 1 4 1 1 4 4 0 1 4 1 1 4 1 0 1 4 1 1 4 1 1  
1 4 1 1 4 1 2 4 4 1 1 4 1 4 1 4 1 1 4 1 1 4 1 4 2 1 4 1 4 1 4 2 4

1 4 1 1 4 1 1 4 4 1 1 4 1 2 1 4 1 1 4 1 1 4 1 4 1 4 1 4 1 2 1 4 2 4  
4 1 4 1 4 1 1 4 1 4 1 4 1 1 4 1 1 4 1 1 4 1 2 1 4 1 4 1 2 4

4 2 4 1 2 1 4 1 4 1 4 1 1 4 1 1 4 1 2 1 4 1 1 4 1 4 1 4 1 1 4 1  
4 2 1 4 1 1 4 1 2 1 4 1 1 4 1 1 1 4 1 1 4 1 1 4 1 1 4 1 4 1 4

1 1 4 1 1 4 1 0 1 4 1 1 4 1 0 4 4 1 1 4 4 1 1 4 1 1 4 1 0 4 1 0  
4 2 4 1 4 1 4 1 2 4 1 4 4 1 4 1 1 4 1 1 4 1 1 4 4 2 1 4 1 1 4 1

### Whole Tone Scale

0 1 4 1 4 0 1 4 1 1 4 1

4 1 4 1 1 4 1 0 4 1 4 1 0